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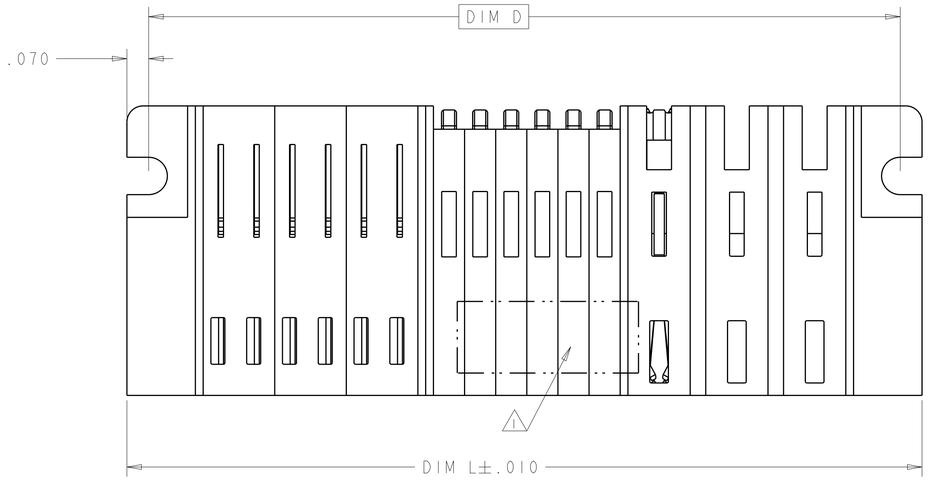
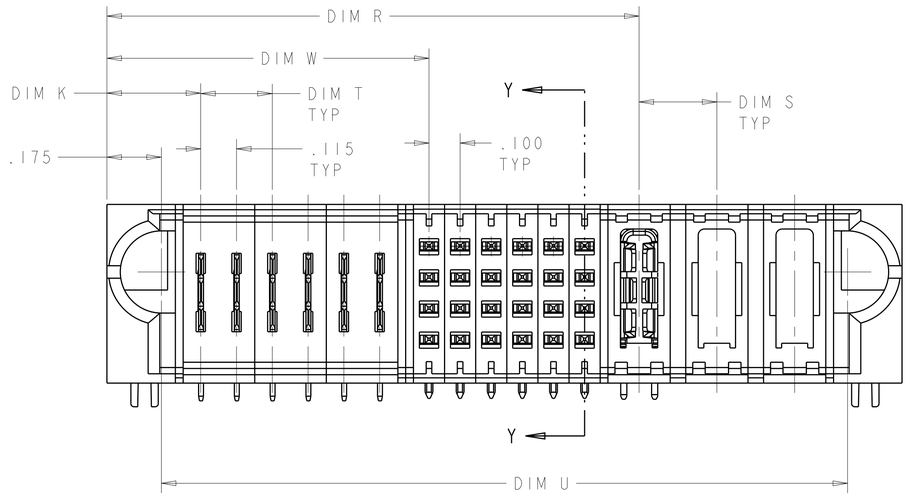
| LOC | DIST |
|---|---|
| ES | 00 |

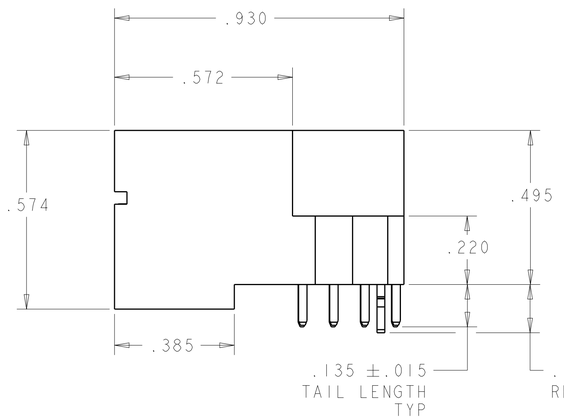
REVISIONS

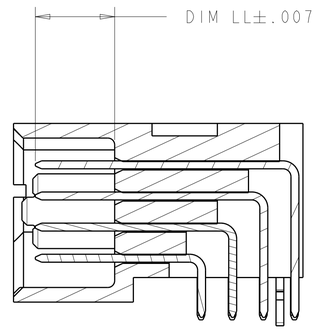
| P | LTR | DESCRIPTION | DATE | DWN | APVD |
|---|---|---|---|---|---|
| | R9 | REVISED 8-1 | 05NOV2014 | CZ | SZ |
| | S | ADD NEW DASH NUMBER 8-2 | 07FEB2015 | CZ | SZ |
| | S2 | REVISED 8-2 CUSTOMER | 09MAR2015 | CZ | SZ |



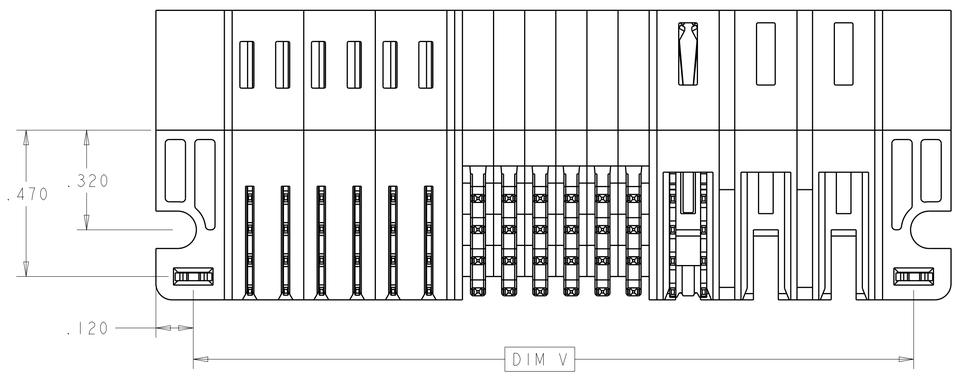

1. "AMP", PART NUMBER AND DATE CODE TO BE MARKED IN AREA SHOWN PARTS UNDER 2.00 LONG MAY BE MARKED ON BOTH SIDES
2. MATERIAL: HOUSING - GLASS FILLED HIGH TEMP THERMO PLASTIC, UL94 V-O
   SIGNAL CONTACT - HIGH CONDUCTIVITY COPPER ALLOY
   POWER CONTACT - HIGH CONDUCTIVITY COPPER ALLOY
3. CONTACT PLATING: NOBLE METAL PLATING ON CONTACT FUNCTIONAL AREA OF POWER AND SIGNAL CONTACTS
4. MECHANICAL CONNECTOR KEEP OUT ZONE
5. DATUM AND BASIC DIMENSIONS ESTABLISHED BY CUSTOMER
6. PCB - ALL HOLE DIAMETERS ARE FINISHED HOLE SIZES
7. PCB - 0.0453 ±.0010 DRILLLED HOLES PLATED WITH .0003 MIN Sn OVER .001 TO .003 Cu PLATING TO ACHIEVE A .040 ±.030 HOLE
8. VARIABLE DIMENSIONS SHOW ON TABLE OR PART VIEW
9. REFER TO PAGE 10 FOR DETAIL DIMENTIONS.




SECTION Y-Y
SCALE 4:1




THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: INCHES

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ±-
1 PLC ±-
2 PLC ±.01
3 PLC ±.005
4 PLC ±.0020
ANGLES ±2°

MATERIAL - 2
FINISH - 3

DWN S.ZHAO 10APR2007
CHK S.ZHAO 10APR2007
APVD S.ZHAO -
PRODUCT SPEC 108-2292
APPLICATION SPEC 114-13251
WEIGHT -

TE Connectivity

NAME RIGHT ANGLE WITH SHORT GUIDES AND LP CONTACTS ASSEMBLY MULTI-BEAM XLE

| SIZE | CAGE CODE | DRAWING NO | RESTRICTED TO |
|---|---|---|---|
| A1 | 00779 | C-6450830 | - |

CUSTOMER DRAWING | SCALE 4:1 | SHEET 1 OF 42 | REV S2

4805 (3/11)

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| LOC | DIST |
|---|---|
| ES | 00 |

REVISIONS

| P | LTR | DESCRIPTION | DATE | DWN | APVD |
|---|---|---|---|---|---|
| | - | SEE SHEET 1 | - | - | - |

| DIM V | DIM R | DIM W | DIM U | DIM S | DIM T | DIM D | DIM L | DIM K | DESCRIPTION | PART NUMBER |
|---|---|---|---|---|---|---|---|---|---|---|
| 2.100 | 1.495 | 1.020 | 1.990 | 0.250 | 0.250 | 2.200 | 2.340 | .3450 | 3P + 16S + 3P | 7-6450830-3 |
| 1.000 | .895 | .570 | .890 | - | - | 1.100 | 1.240 | .345 | 1P + 8S + 1P | 7-6450830-2 |
| 4.750 | 3.645 | 3.070 | 4.640 | .250 | 8 | 4.850 | 4.990 | .370 | 3ACP + 7P + 20S + 5P | 7-6450830-1 |
| 3.850 | 3.4675 | 1.010 | 3.740 | .230 | .230 | 3.950 | 4.090 | .2775 | 6LP + 96S + 4LP | 7-6450830-0 |
| 3.850 | 3.4675 | 1.010 | 3.740 | .230 | .230 | 3.950 | 4.090 | .2775 | 6LP + 96S + 4LP | 6-6450830-9 |
| 2.420 | 2.0375 | .780 | 2.310 | .230 | .230 | 2.520 | 2.660 | .2775 | 4LP + 48S + 4LP | 6-6450830-8 |
| 5.400 | 4.5575 | 1.700 | 5.290 | .230 | .230 | 5.500 | 5.640 | .2775 | 12LP + 112S + 8LP | 6-6450830-7 |
| 2.860 | 2.4775 | 1.820 | 2.750 | .230 | .300 | 2.960 | 3.100 | .370 | 5ACP + 24S + 4LP | 6-6450830-6 |
| 2.225 | 1.620 | 1.045 | 2.115 | .250 | .250 | 2.325 | 2.465 | .345 | 3P + 20S + 3P | 6-6450830-4 |
| 3.600 | 2.895 | 1.795 | 3.490 | .300 | .250 | 3.700 | 3.840 | .345 | 6P + 40S + 3ACP | 6-6450830-3 |
| 3.030 | 8 | 1.345 8 | 2.920 | 8 | 8 | 3.130 | 3.270 | .345 8 | 5HDP + 24S + 1P + 7LP | 6-6450830-2 |
| 1.135 | .9825 | .550 | 1.025 | - | - | 1.235 | 1.375 | .2775 | 2LP + 16S + 2LP | 6-6450830-0 |
| 3.200 | 3.120 | 2.370 | 3.090 | - | .300 | 3.300 | 3.440 | .320 | 7ACP + 24S + 1P | 5-6450830-8 |
| 2.800 | 1.945 | 1.270 | 2.690 | .250 | .250 | 2.900 | 3.040 | .345 | 4P + 24S + 4P | 5-6450830-7 |
| 2.700 | 1.595 | 1.120 | 2.590 | .250 | .300 | 2.800 | 2.940 | .345 | 3ACP + 16S + 5P | 5-6450830-6 |
| 2.655 | 2.5025 | 2.145 | 2.545 | .115 | 8 | 2.755 | 2.895 | .345 | 3ACP+3P+12S+2LP | 5-6450830-5 |
| 1.350 | 1.020 | .745 | 1.240 | .250 | .250 | 1.450 | 1.590 | .320 | 2P + 8S + 2P | 5-6450830-4 |
| 2.450 | 1.595 | 1.120 | 2.340 | .250 | .300 | 2.550 | 2.690 | .345 | 3ACP + 16S + 4P | 5-6450830-3 |
| 2.350 | 1.670 | 1.095 | 2.240 | .200 | .200 | 2.450 | 2.590 | .320 | 4HDP + 20S + 4HDP | 5-6450830-2 |
| 1.300 | 1.145 | .520 | 1.190 | - | - | 1.400 | 1.540 | .345 | 1P + 24S + 1P | 5-6450830-1 |
| 1.025 | .7575 | .550 | .915 | - | - | 1.125 | 1.265 | .2775 | 2LP + 8S + 3LP | 5-6450830-0 |
| 2.300 | 1.6950 | 1.020 | 2.190 | .250 | .250 | 2.400 | 2.540 | .3450 | 3P + 24S + 3P | 4-6450830-9 |
| 2.995 | 2.190 | 1.415 | 2.885 | .350 | .280 | 3.095 | 3.235 | .3025 | 8LP + 24S + 3P | 4-6450830-8 |
| 1.280 | .875 | .575 | 1.170 | .250 | - | 1.380 | 1.520 | .3015 | 2LP + 8S + 2P | 4-6450830-7 |
| 1.750 | 1.345 | .845 | 1.640 | .250 | .250 | 1.850 | 1.990 | .395 | 2P + 16S + 2P | 4-6450830-6 |
| 2.300 | 1.6950 | 1.020 | 2.190 | .250 | .250 | 2.400 | 2.540 | .3450 | 3P + 24S + 3P | 4-6450830-5 |
| 1.600 | 1.245 | .770 | 1.490 | .250 | .250 | 1.700 | 1.840 | .3450 | 2P + 16S + 2P | 4-6450830-4 |
| 6.100 | 2.195 | 1.845 | 5.990 | .250 | .375 | 6.200 | 6.340 | .395 | 4P + 12S + 16P | 4-6450830-3 |
| 2.500 | 1.645 | 1.270 | 2.390 | .250 | .250 | 2.600 | 2.740 | .3450 | 4P + 12S + 4P | 4-6450830-2 |
| 3.675 | 2.445 | 2.045 | 3.565 | .375 | .375 | 3.775 | 3.915 | .3450 | 5ACP + 12S + 4ACP | 3-6450830-8 |
| 1.190 | - | 1.060 | 1.080 | - | .230 | 1.290 | 1.430 | .3775 | 6LP + 8S | 3-6450830-7 |
| 1.920 | 1.0775 | .870 | 1.810 | - | .300 | 2.020 | 2.160 | .320 | 2ACP + 8S + 4LP | 3-6450830-6 |
| 2.195 | 1.465 | .865 | 2.085 | 8 | .215 | 2.295 | 2.435 | .2775 | 3LP + 20S + 4HDP | 3-6450830-5 |
| 4.400 | 3.220 | 2.695 | 4.290 | 8 | .300 | 4.500 | 4.640 | .3700 | 8ACP + 16S + 4ACP | 3-6450830-4 |
| 3.075 | 2.395 | 1.920 | 2.965 | 8 | .300 | 3.175 | 3.3150 | .3700 | 4ACP + 12S + 3P | 3-6450830-3 |
| 3.075 | 2.395 | 1.920 | 2.965 | 8 | .300 | 3.175 | 3.3150 | .3700 | 4ACP + 12S + 3P | 3-6450830-2 |
| .935 | .7825 | .550 | .825 | - | - | 1.035 | 1.175 | .2775 | 2LP + 8S + 2LP | 3-6450830-1 |
| 3.075 | 2.395 | 1.920 | 2.965 | 8 | .300 | 3.175 | 3.3150 | .3700 | 4ACP + 12S + 3P | 3-6450830-0 |
| 2.160 | 1.7775 | 1.145 | 2.050 | - | .300 | 2.260 | 2.400 | .3450 | 3ACP + 24S+ 4LP | 2-6450830-9 |
| 1.600 | 1.295 | .720 | 1.490 | .200 | .200 | 1.700 | 1.840 | .3450 | 2P + 20S + 2P | 2-6450830-8 |
| 1.500 | 1.195 | .720 | 1.390 | .200 | .200 | 1.600 | 1.740 | .3450 | 2P + 16S + 2P | 2-6450830-7 |
| 1.475 | 1.320 | .595 | 1.365 | - | - | 1.575 | 1.715 | .3700 | 1P + 24S + 1P | 2-6450830-6 |
| 2.100 | 1.795 | .720 | 1.990 | .200 | .200 | 2.200 | 2.340 | .3450 | 2P + 40S + 2P | 2-6450830-4 |
| 2.750 | 2.0450 | 1.270 | 2.640 | .300 | .250 | 2.850 | 2.990 | .3450 | 4P + 28S + 3ACP | 1-6450830-9 |
| 2.460 | 1.8575 | .625 | 2.350 | - | - | 2.560 | 2.700 | .1700 | 1P+2LP+48S+2LP+1P | 1-6450830-7 |
| 9 - | - | - | - | - | - | - | - | - | 4P+16S+24S+2HDP | 1-6450830-8 |
| 2.750 | 2.0450 | 1.270 | 2.640 | .300 | .250 | 2.850 | 2.990 | .3450 | 4P + 28S + 3ACP | 1-6450830-5 |
| 1.800 | 1.4450 | .770 | 1.690 | .250 | .250 | 1.900 | 2.040 | .3450 | 2P + 24S + 2P | 1-6450830-4 |
| 2.375 | 1.520 | .845 | 2.265 | .250 | .300 | 2.475 | 2.615 | .3450 | 2ACP + 24S + 4P | 1-6450830-3 |
| 3.000 | 2.5025 | 1.945 | 2.890 | .230 | 8 | 3.000 | 3.240 | .3200 | 8HDP + 20S + 5LP | 1-6450830-2 |
| 3.615 | 1.6850 | 1.010 | 3.505 | 8 | .230 | 3.715 | 3.855 | .2775 | 6LP + 24S + 10P | 1-6450830-0 |
| 2.300 | 1.6950 | 1.020 | 2.190 | .250 | .250 | 2.400 | 2.540 | .3450 | 3P + 24S + 3P | 6450830-9 |
| 2.480 | 2.3275 | 1.520 | 2.370 | - | .250 | 2.580 | 2.720 | .3450 | 5P + 32S + 2LP | 6450830-8 |
| 3.400 | 2.2950 | 1.570 | 3.290 | .250 | .250 | 3.500 | 3.640 | .3450 | 5P + 24S + 5P | 6450830-7 |
| 1.800 | 1.4450 | .770 | 1.690 | .250 | .250 | 1.900 | 2.040 | .3450 | 2P + 24S + 2P | 6450830-5 |
| 1.780 | 1.6025 | .770 | 1.670 | - | .250 | 1.880 | 2.020 | .3450 | 2P + 32S + 2LP | 6450830-4 |
| 2.310 | 1.6725 | 1.240 | 2.200 | .230 | .230 | 2.410 | 2.550 | .3025 | 8LP + 16S + 6LP | 6450830-3 |
| 2.315 | 1.7100 | 1.035 | 2.205 | .250 | .230 | 2.415 | 2.555 | .3025 | 6LP + 24S + 3P | 6450830-2 |
| .935 | .7825 | .550 | .825 | - | - | 1.035 | 1.175 | .2775 | 2LP + 8S + 2LP | 6450830-1 |

| DIM V | DIM R | DIM W | DIM U | DIM S | DIM T | DIM D | DIM L | DIM K | DESCRIPTION | PART NUMBER |
|---|---|---|---|---|---|---|---|---|---|---|
| 4.350 | 2.405 | 1.380 | 4.240 | 8 | 8 | 4.450 | 4.590 | .2775 | 9LP + 36S + 1P + 16LP | 8-6450830-2 |
| 4.500 | 2.170 | .795 | 4.390 | 8 | 8 | 4.600 | 4.740 | .345 | 2P + 48S + 10P | 8-6450830-1 |
| 2.250 | 1.645 | 1.170 | 2.140 | .250 | .300 | 2.300 | 2.490 | .370 | 3ACP + 16S + 3P | 8-6450830-0 |
| 4.300 | 2.695 | 2.020 | 4.190 | .250 | .250 | 4.400 | 4.540 | .345 | 7P + 24S + 7P | 7-6450830-9 |
| 4.180 | 3.325 | 1.700 | 4.070 | .250 | .230 | 4.280 | 4.420 | .2775 | 12LP + 60S + 4P | 7-6450830-8 |
| 2.650 | 2.545 | 1.270 | 2.540 | - | .250 | 2.750 | 2.890 | .345 | 4P + 48S + 1P | 7-6450830-7 |
| 1.750 | 1.3675 | 1.060 | 1.755 | .230 | .230 | 1.850 | 1.990 | .2775 | 3LP + 12S + 4LP | 7-6450830-6 |

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DIMENSIONS: INCHES

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ±-
1 PLC ±-
2 PLC ±.01
3 PLC ±.005
4 PLC ±.0020
ANGLES ±2°

MATERIAL - -
FINISH - -

DWN S. ZHAO 10APR2007
CHK S. ZHAO 10APR2007
APVD S. ZHAO -
PRODUCT SPEC 108-2292
APPLICATION SPEC 114-13251
WEIGHT -

TE Connectivity

NAME RIGHT ANGLE WITH SHORT GUIDES AND LP CONTACTS ASSEMBLY MULTI-BEAM XLE

SIZE A1 | CAGE CODE 00779 | DRAWING NO C-6450830 | RESTRICTED TO -

CUSTOMER DRAWING | SCALE 4:1 | SHEET 2 OF 42 | REV S2

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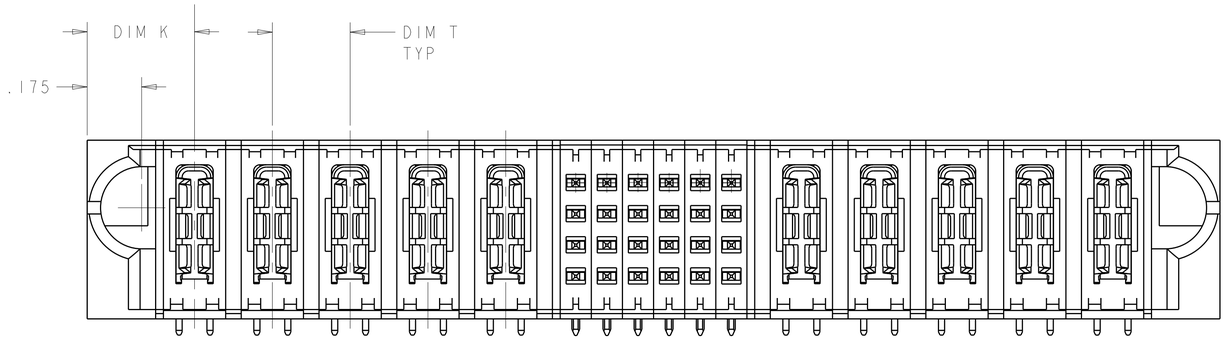
| LOC | DIST |
|---|---|
| ES | 00 |

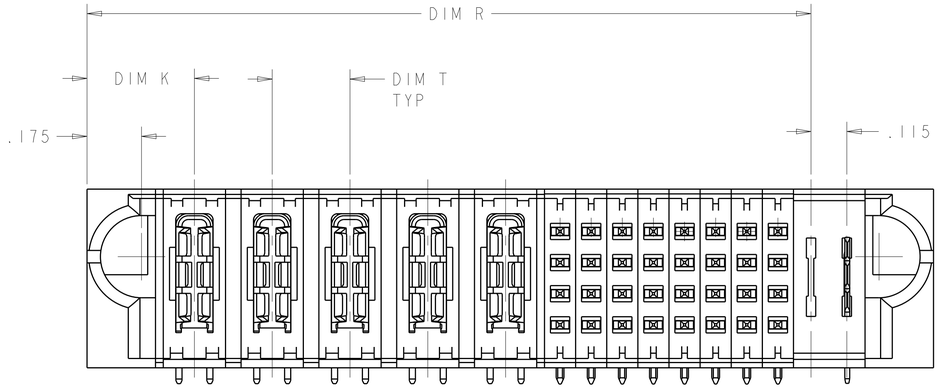
REVISIONS

| P | LTR | DESCRIPTION | DATE | DWN | APVD |
|---|---|---|---|---|---|
| | - | SEE SHEET 1 | - | - | - |




FOR "P+S+P"CONFIGURATION

UNSPECIFY DIMENSIONS PLEASE REFER TO PAGE 1




FOR "P+S+LP"CONFIGURATION

UNSPECIFY DIMENSIONS PLEASE REFER TO PAGE 1

| DESCRIPTION | IDENTIFIER |
|---|---|
| HOLD DOWN | HD |
| .135 SIGNAL CON, ROW D,MFBL LL=.304 | FJ |
| .135 SIGNAL CON, ROW C,MFBL LL=.304 | FK |
| .135 SIGNAL CON, ROW B,MFBL LL=.304 | FN |
| .135 SIGNAL CON, ROW A,MFBL LL=.304 | FS |
| .135 SIGNAL CON, ROW D,MLBF LL=.204 | E |
| .135 SIGNAL CON, ROW C,MLBF LL=.204 | F |
| .135 SIGNAL CON, ROW B,MLBF LL=.204 | G |
| .135 SIGNAL CON, ROW A,MLBF LL=.204 | H |
| .135 SIGNAL CON, ROW D,STANDARD LL=.254 | J |
| .135 SIGNAL CON, ROW C,STANDARD LL=.254 | K |
| .135 SIGNAL CON, ROW B,STANDARD LL=.254 | N |
| .135 SIGNAL CON, ROW A,STANDARD LL=.254 | S |
| .135 STANDARD POWER CON,3 BEAMS | TM |
| .135 SOLDER LOWER POWER,MFBL | LMF |
| .135 SOLDER LOWER POWER,STD | LM |
| .135 SOLDER LOWER POWER,MLBF | LML |

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DIMENSIONS: INCHES

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ±-
1 PLC ±-
2 PLC ±.01
3 PLC ±.005
4 PLC ±.0020
ANGLES ±2°

MATERIAL - -
FINISH - -

DWN S.ZHAO 10APR2007
CHK S.ZHAO 10APR2007
APVD S.ZHAO -
PRODUCT SPEC 108-2292
APPLICATION SPEC 114-13251
WEIGHT -

TE Connectivity

NAME RIGHT ANGLE WITH SHORT GUIDES AND LP CONTACTS ASSEMBLY MULTI-BEAM XLE

| SIZE | CAGE CODE | DRAWING NO | RESTRICTED TO |
|---|---|---|---|
| A1 | 00779 | C-6450830 | - |

CUSTOMER DRAWING

| SCALE | SHEET | OF | REV |
|---|---|---|---|
| 4:1 | 3 | 42 | S2 |

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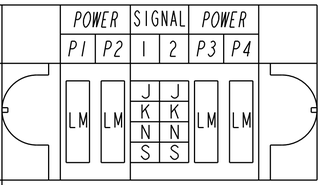
| LOC | DIST |
|---|---|
| ES | 00 |

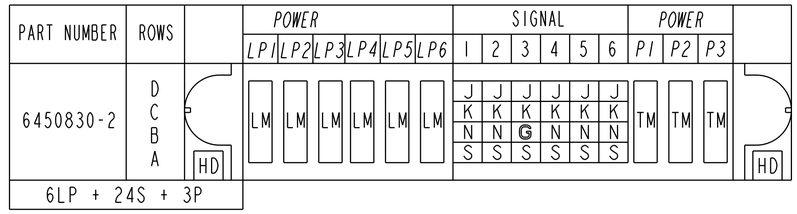
REVISIONS

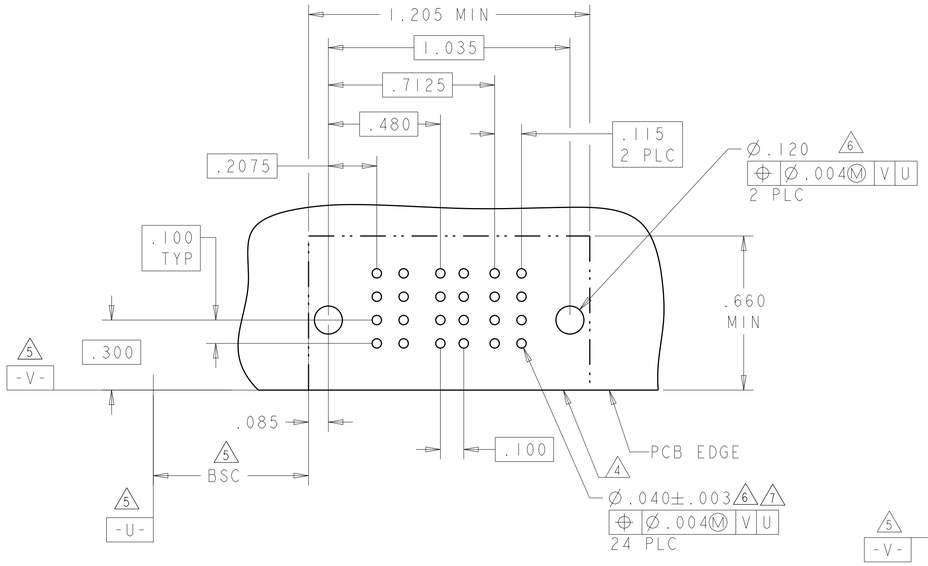
| P | LTR | DESCRIPTION | DATE | DWN | APVD |
|---|---|---|---|---|---|
| | - | SEE SHEET 1 | - | - | - |

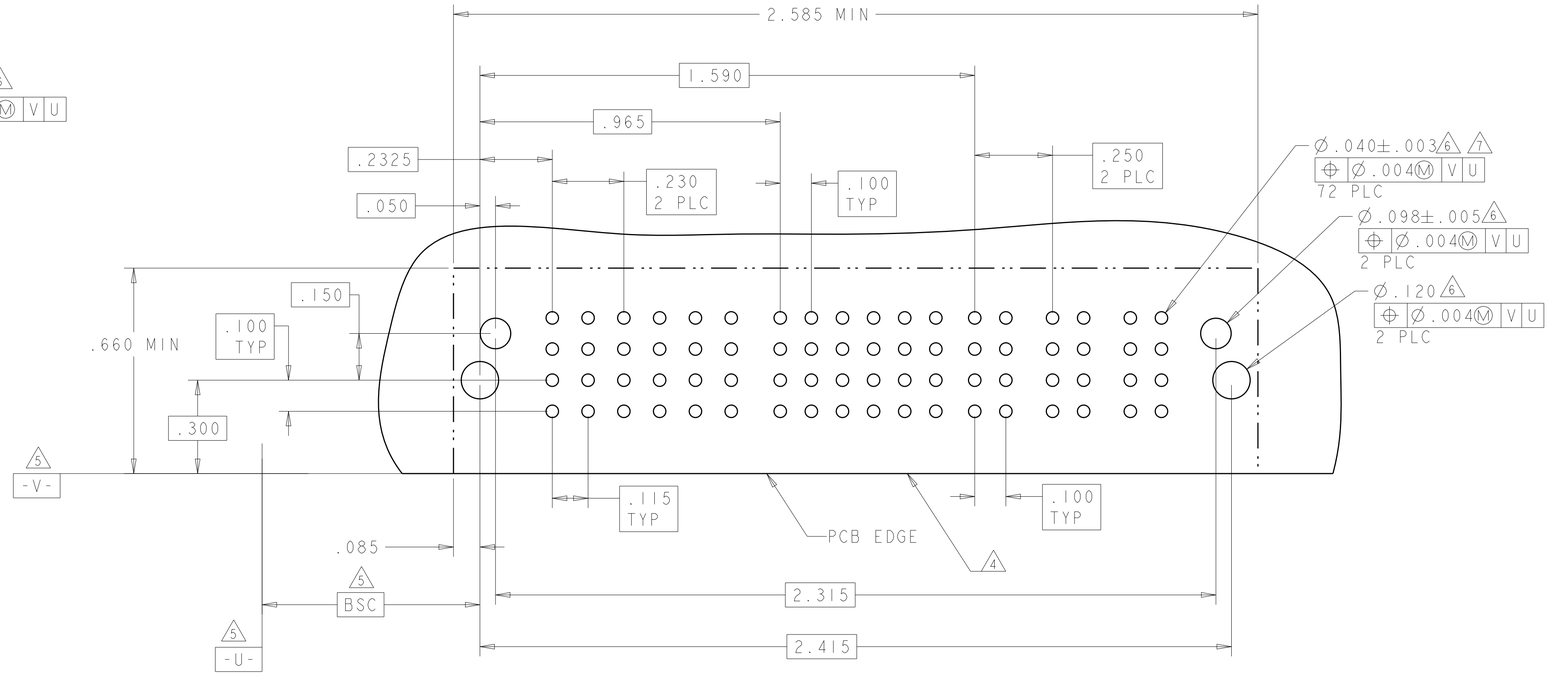
| PART NUMBER | ROWS |
|---|---|
| 6450830-1 | D C B A |
| 2LP + 8S + 2LP | |




| PART NUMBER | ROWS |
|---|---|
| 6450830-2 | D C B A |
| 6LP + 24S + 3P | |




THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: INCHES

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ±-
1 PLC ±-
2 PLC ± .01
3 PLC ± .005
4 PLC ± .0020
ANGLES ±2°

MATERIAL - -

FINISH - -

| | | |
|---|---|---|
| DWN | S. ZHAO | 10APR2007 |
| CHK | S. ZHAO | 10APR2007 |
| APVD | S. ZHAO | - |
| PRODUCT SPEC | 108-2292 | |
| APPLICATION SPEC | 114-13251 | |
| WEIGHT | - | |

TE Connectivity

NAME: RIGHT ANGLE WITH SHORT GUIDES AND LP CONTACTS ASSEMBLY MULTI-BEAM XLE

| SIZE | CAGE CODE | DRAWING NO | RESTRICTED TO |
|---|---|---|---|
| A1 | 00779 | C-6450830 | - |

CUSTOMER DRAWING | SCALE 4:1 | SHEET 4 OF 42 | REV S2

4805 (3/11)

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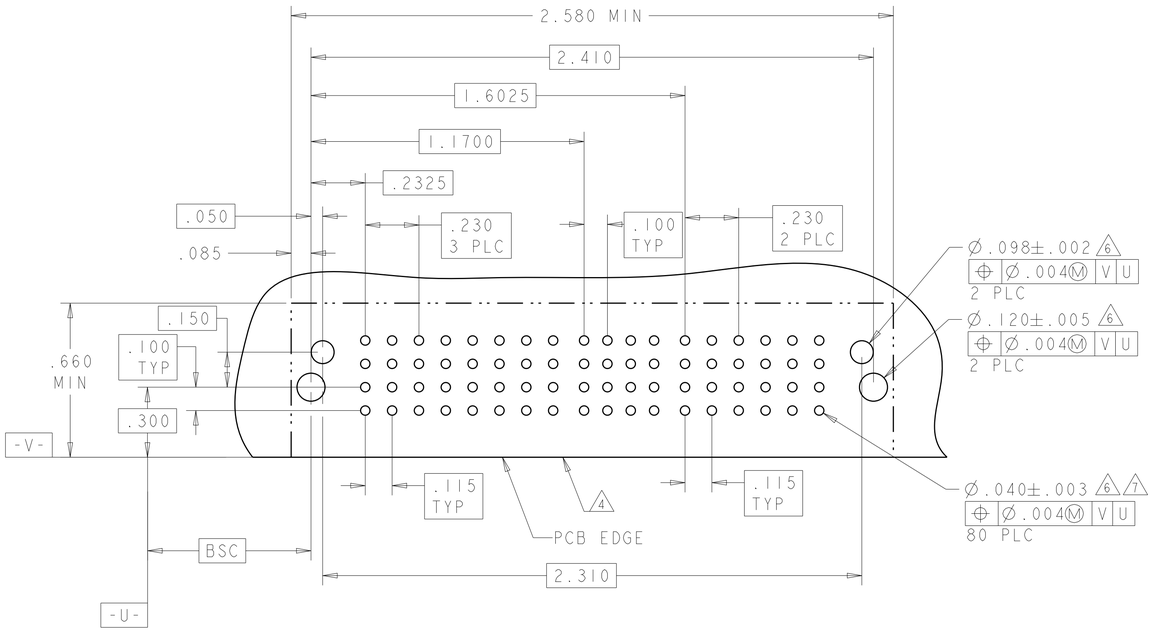
| LOC | DIST |
|---|---|
| ES | 00 |

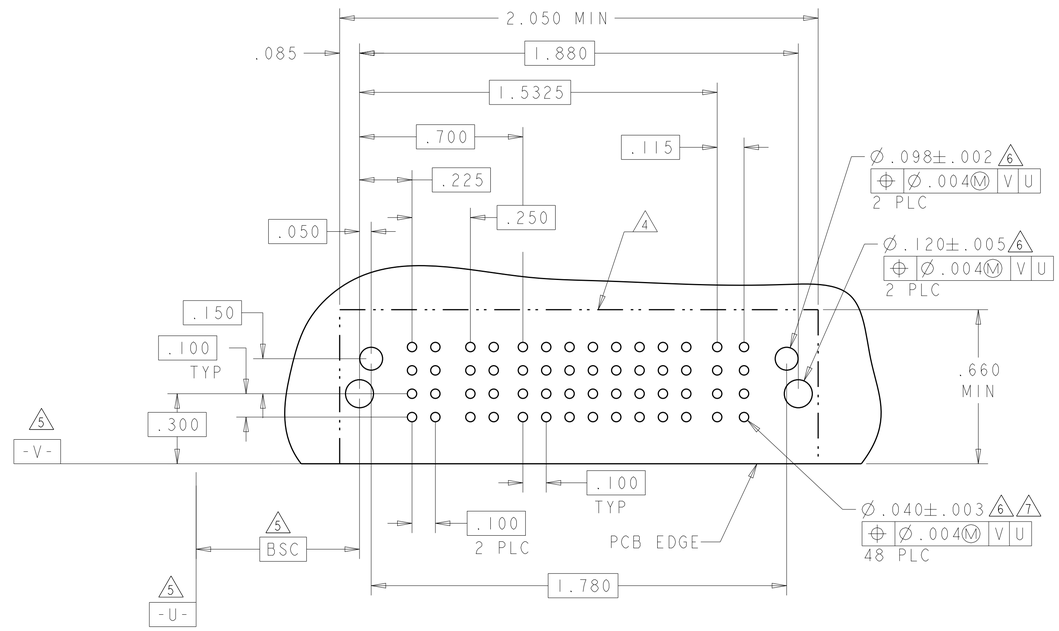
REVISIONS

| P | LTR | DESCRIPTION | DATE | DWN | APVD |
|---|---|---|---|---|---|
| | - | SEE SHEET 1 | - | - | - |

| PART NUMBER | ROWS | POWER | | | | | | | | SIGNAL | | | | POWER | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | LP1 | LP2 | LP3 | LP4 | LP5 | LP6 | LP7 | LP8 | 1 | 2 | 3 | 4 | LP9 | LP10 | LP11 | LP12 | LP13 | LP14 | | |
| 6450830-3 | D C B A | LM | LM | LM | LM | LM | LM | LM | LM | J K N S | J K N S | J K N S | J K N S | LM | LM | LM | LM | LM | LM | HD | HD |
| 8LP + 16S + 6LP | | | | | | | | | | | | | | | | | | | | | |




| PART NUMBER | ROWS | POWER | | SIGNAL | | | | | | | | POWER | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | P1 | P2 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | LP1 | LP2 | | |
| 6450830-4 | D C B A | TM | TM | J K N S | J K N S | J K N S | J K N S | J K N S | J K N S | J K N S | J K N S | LM | LM | HD | HD |
| 2P + 32S + 2LP | | | | | | | | | | | | | | | |

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DIMENSIONS: INCHES

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ±-
1 PLC ±-
2 PLC ±.01
3 PLC ±.005
4 PLC ±.0020
ANGLES ±2°

MATERIAL - -

FINISH - -

DWN S.ZHAO 10APR2007
CHK S.ZHAO 10APR2007
APVD S.ZHAO -
PRODUCT SPEC 108-2292
APPLICATION SPEC 114-13251
WEIGHT -

TE Connectivity

NAME RIGHT ANGLE WITH SHORT GUIDES AND LP CONTACTS ASSEMBLY MULTI-BEAM XLE

| SIZE | CAGE CODE | DRAWING NO | RESTRICTED TO |
|---|---|---|---|
| A1 | 00779 | C-6450830 | - |

CUSTOMER DRAWING

SCALE 4:1 SHEET 5 OF 42 REV S2

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| P | LTR | DESCRIPTION | DATE | DWN | APVD |
|---|---|---|---|---|---|
| | - | SEE SHEET 1 | - | - | - |

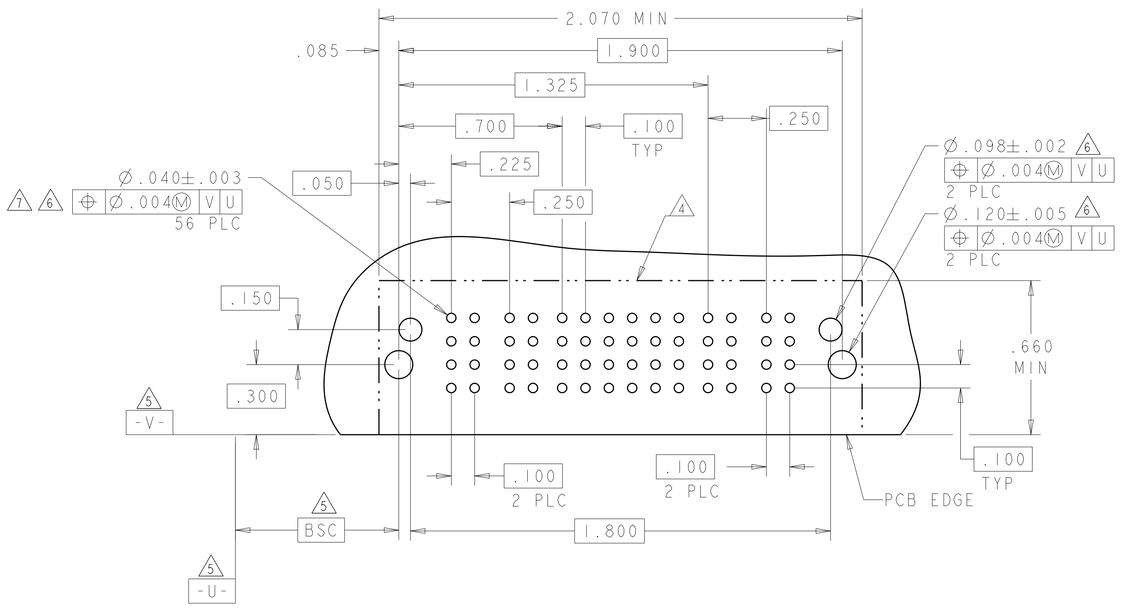
| PART NUMBER | ROWS | POWER P1 | POWER P2 | SIGNAL 1 | SIGNAL 2 | SIGNAL 3 | SIGNAL 4 | SIGNAL 5 | SIGNAL 6 | POWER P3 | POWER P4 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 6450830-5 | D C B A | TM | TM | J K N S | J K N S | J K N S | J K N S | J K N S | J K N S | TM | TM |

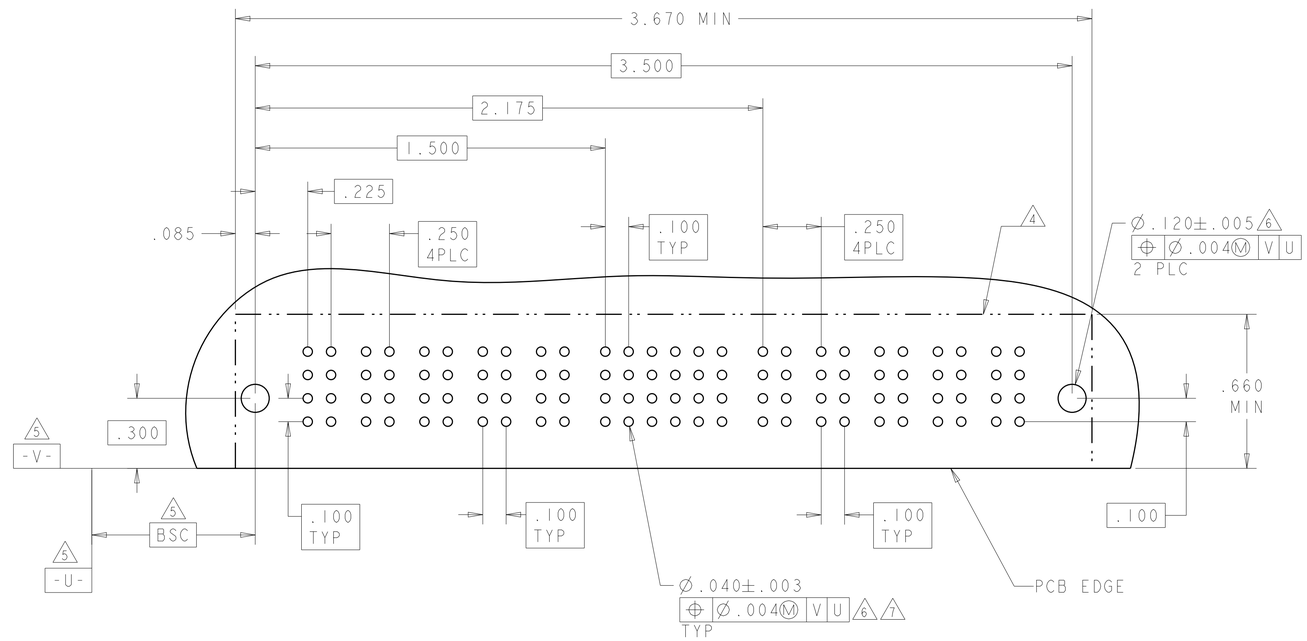
HD HD

2P + 24S + 2P

| PART NUMBER | ROWS | POWER P1 | POWER P2 | POWER P3 | POWER P4 | POWER P5 | SIGNAL 1 | SIGNAL 2 | SIGNAL 3 | SIGNAL 4 | SIGNAL 5 | SIGNAL 6 | POWER P6 | POWER P7 | POWER P8 | POWER P9 | POWER P10 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 6450830-7 | D C B A | TM | TM | TM | TM | TM | J K N S | J K N S | J K N S | J K N S | J K N S | J K N S | TM | TM | TM | TM | TM |

5P + 24S + 5P

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3 PLC ±.005
4 PLC ±.0020
ANGLES ±2°

MATERIAL - -
FINISH - -

DWN S.ZHAO 10APR2007
CHK S.ZHAO 10APR2007
APVD S.ZHAO -
PRODUCT SPEC 108-2292
APPLICATION SPEC 114-13251
WEIGHT -

TE Connectivity

NAME RIGHT ANGLE WITH SHORT GUIDES AND LP CONTACTS ASSEMBLY MULTI-BEAM XLE

SIZE A1 | CAGE CODE 00779 | DRAWING NO C-6450830 | RESTRICTED TO -

CUSTOMER DRAWING | SCALE 4:1 | SHEET 6 OF 42 | REV S2

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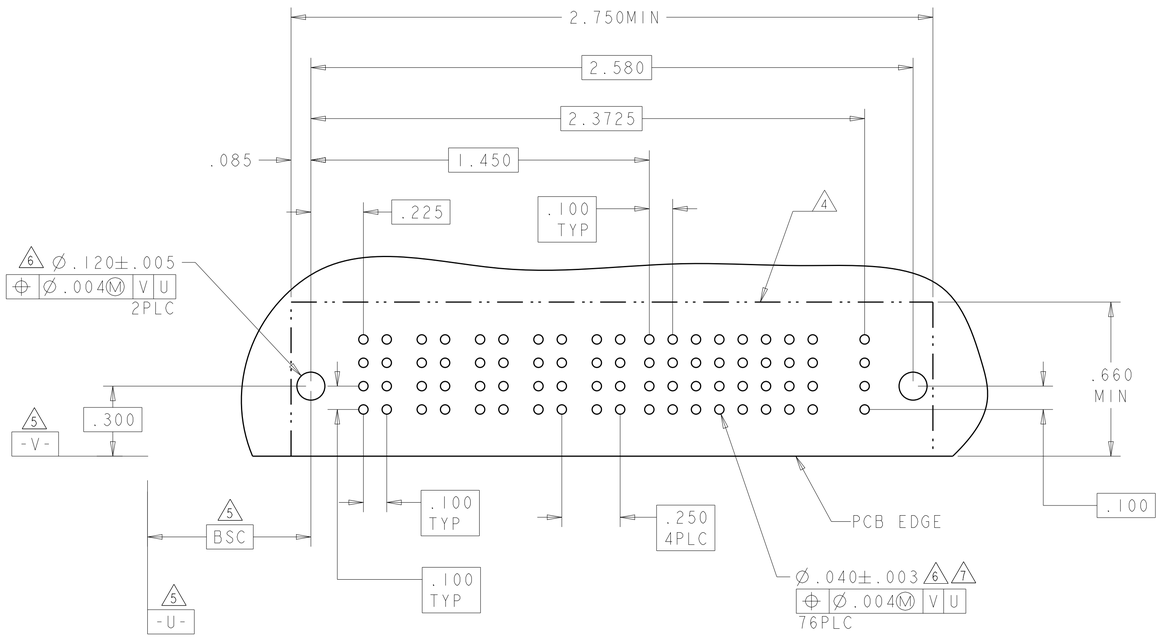
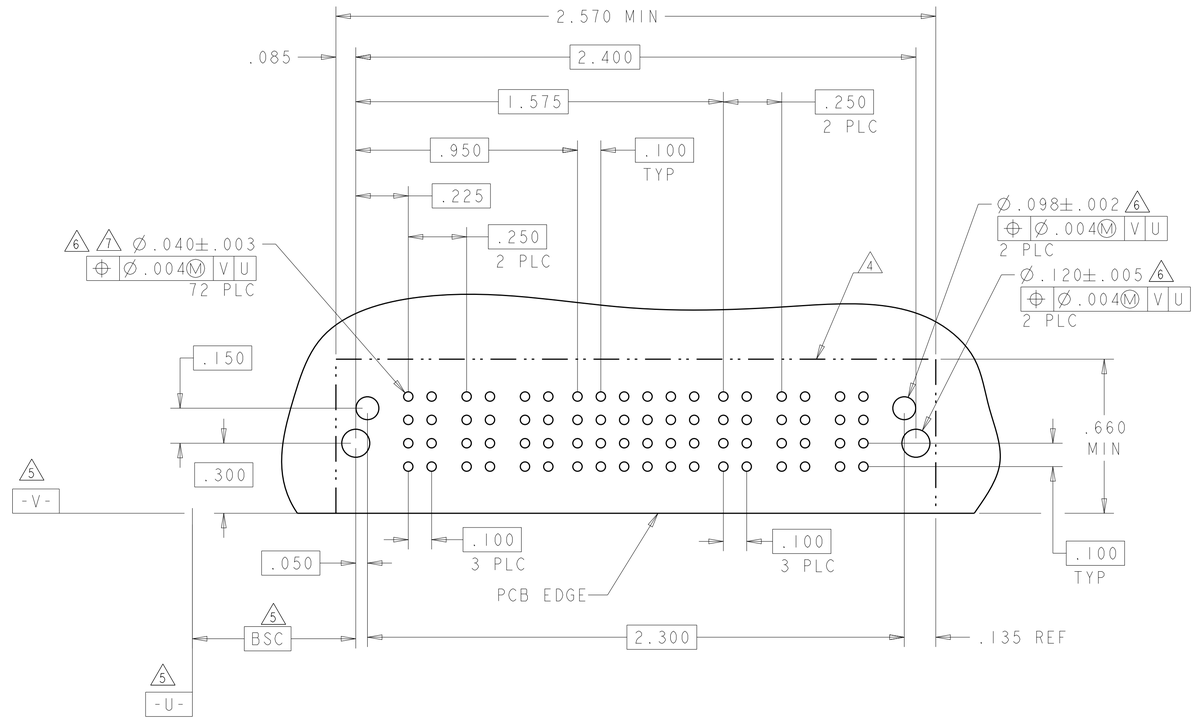
| P | LTR | DESCRIPTION | DATE | DWN | APVD |
|---|---|---|---|---|---|
| | - | SEE SHEET 1 | - | - | - |

| PART NUMBER | ROWS | POWER P1 | P2 | P3 | P4 | P5 | SIGNAL 1 | 2 | 3 | 4 | 5 | 6 | 5 | 6 | POWER P6 | P7 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 6450830-8 | D C B A | TM | TM | TM | TM | TM | J K N S | J K N S | J K N S | J K N S | J K N S | J K N S | J K N S | J K N S | | LM |
| 5P + 32S + 2LP | | | | | | | | | | | | | | | | |

NO CONTACT LOADED




| PART NUMBER | ROWS | POWER P1 | P2 | P3 | SIGNAL 1 | 2 | 3 | 4 | 5 | 6 | POWER P4 | P5 | P6 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 6450830-9 | D C B A HD | TM | TM | TM | J K N S | J K N S | J K N S | J K N S | J K N S | J K N S | TM | TM | TM HD |
| 3P + 24S + 3P | | | | | | | | | | | | | |

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4 PLC ±.0020
ANGLES ±2°

MATERIAL - -
FINISH - -

DWN S. ZHAO 10APR2007
CHK S. ZHAO 10APR2007
APVD S. ZHAO -
PRODUCT SPEC 108-2292
APPLICATION SPEC 114-13251
WEIGHT -

TE Connectivity

NAME RIGHT ANGLE WITH SHORT GUIDES AND LP CONTACTS ASSEMBLY MULTI-BEAM XLE

| SIZE | CAGE CODE | DRAWING NO | RESTRICTED TO |
|---|---|---|---|
| A1 | 00779 | C-6450830 | - |

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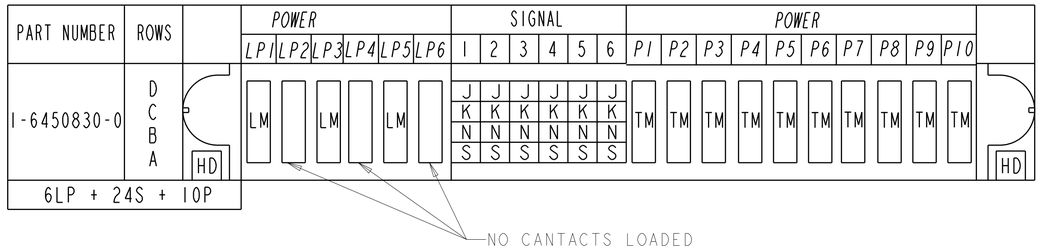
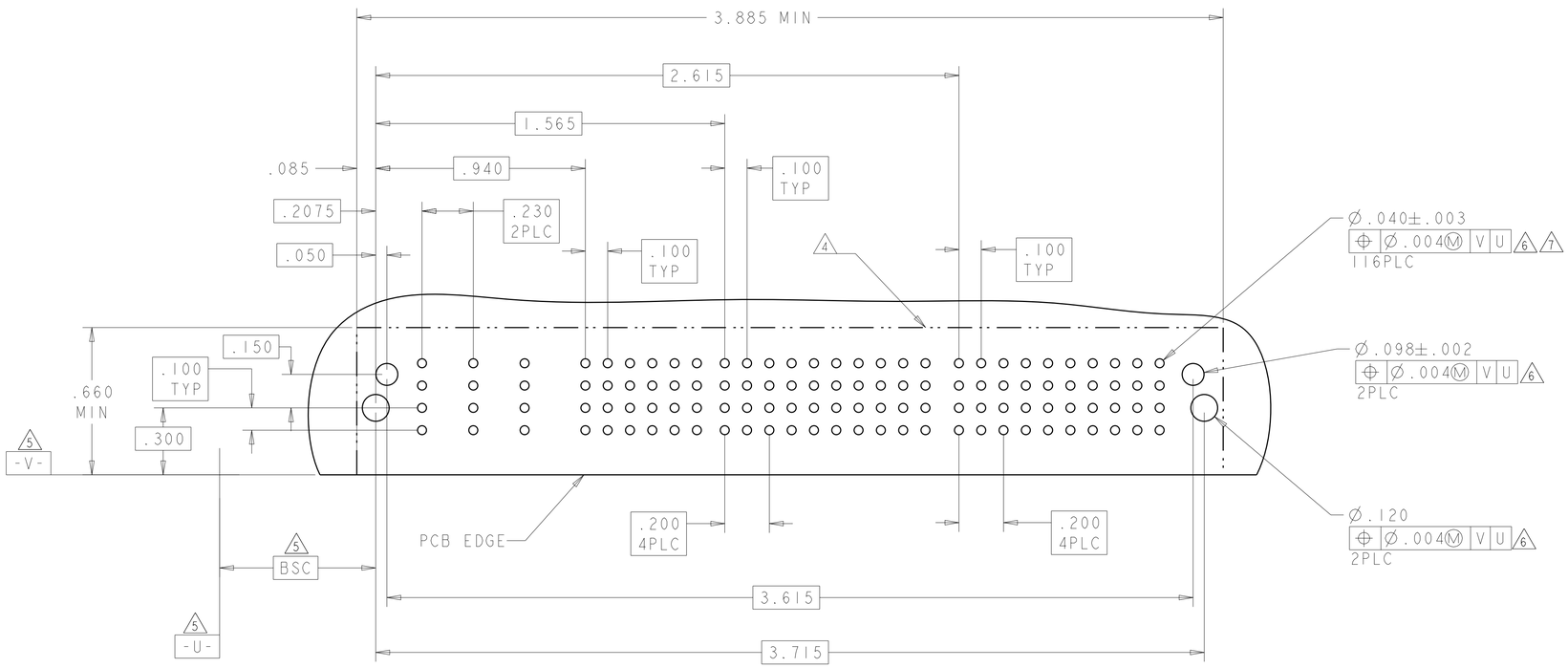
| P | LTR | DESCRIPTION | DATE | DWN | APVD |
|---|---|---|---|---|---|
| | - | SEE SHEET 1 | - | - | - |

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0 PLC ±-
1 PLC ±-
2 PLC ±.01
3 PLC ±.005
4 PLC ±.0020
ANGLES ±2°

MATERIAL - -
FINISH - -

| | | |
|---|---|---|
| DWN | S.ZHAO | 10APR2007 |
| CHK | S.ZHAO | 10APR2007 |
| APVD | S.ZHAO | - |
| PRODUCT SPEC | 108-2292 | |
| APPLICATION SPEC | 114-13251 | |
| WEIGHT | - | |

TE Connectivity

NAME: RIGHT ANGLE WITH SHORT GUIDES AND LP CONTACTS ASSEMBLY MULTI-BEAM XLE

| SIZE | CAGE CODE | DRAWING NO | RESTRICTED TO |
|---|---|---|---|
| A1 | 00779 | C-6450830 | - |

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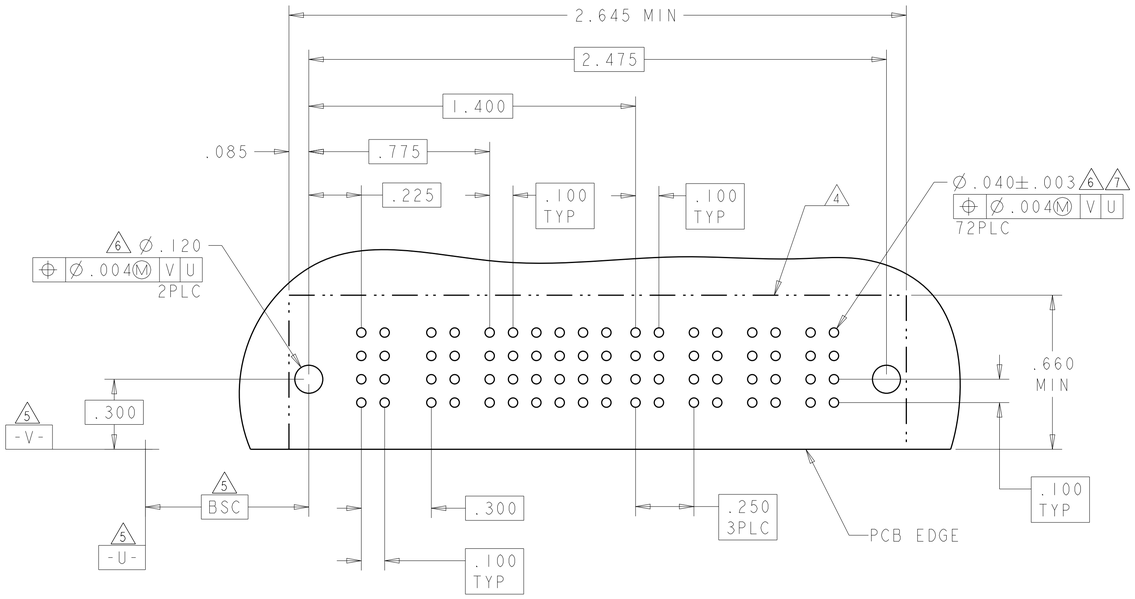
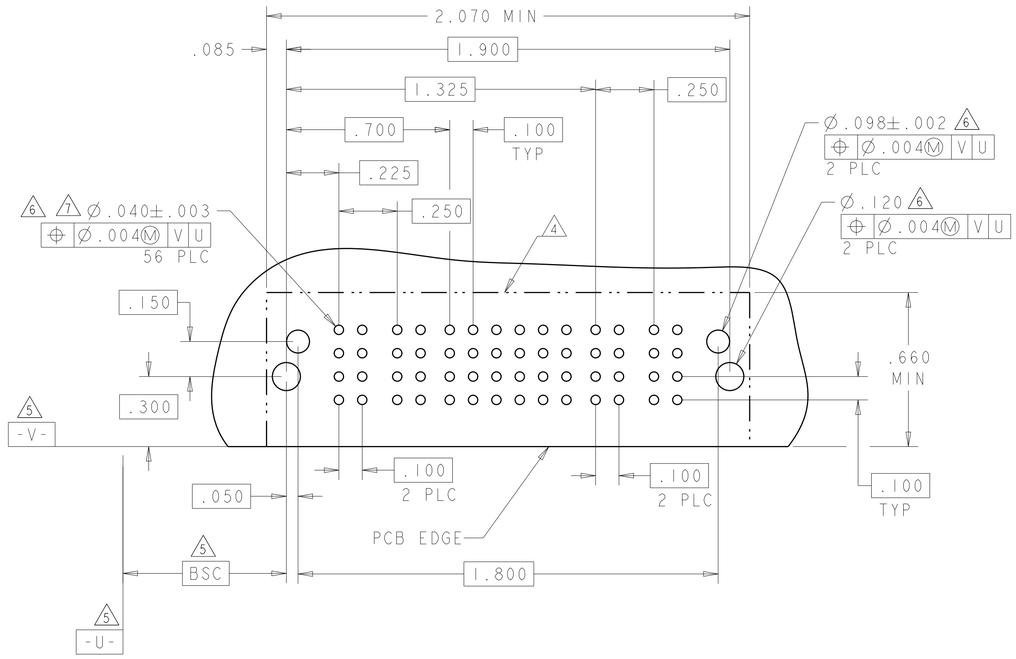
| P | LTR | DESCRIPTION | DATE | DWN | APVD |
|---|---|---|---|---|---|
| | - | SEE SHEET 1 | - | - | - |

| PART NUMBER | ROWS | POWER P1 | POWER P2 | SIGNAL 1 | SIGNAL 2 | SIGNAL 3 | SIGNAL 4 | SIGNAL 5 | SIGNAL 6 | POWER P3 | POWER P4 | POWER P5 | POWER P6 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1-6450830-3 | D | TM | TM | J | J | J | J | J | | TM | TM | TM | TM |
| | C | | | K | K | K | K | K | | | | | |
| | B | | | N | N | N | N | N | | | | | |
| | A | | | S | S | S | S | S | | | | | |
| 2ACP + 24S + 4P | | | | | | | | | | | | | |




| PART NUMBER | ROWS | POWER P1 | POWER P2 | SIGNAL 1 | SIGNAL 2 | SIGNAL 3 | SIGNAL 4 | SIGNAL 5 | SIGNAL 6 | POWER P3 | POWER P4 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1-6450830-4 | D | TM | TM | J | J | J | J | J | J | TM | TM |
| | C | | | K | K | K | K | K | K | | |
| | B | | | N | N | G | N | N | N | | |
| | A | | | S | S | S | S | S | S | | |
| 2P + 24S + 2P | | | | | | | | | | | |

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0 PLC ±-
1 PLC ±-
2 PLC ±.01
3 PLC ±.005
4 PLC ±.0020
ANGLES ±2°

MATERIAL - -
FINISH - -

DWN S.ZHAO 10APR2007
CHK S.ZHAO 10APR2007
APVD S.ZHAO -
PRODUCT SPEC 108-2292
APPLICATION SPEC 114-13251
WEIGHT -

TE Connectivity

NAME RIGHT ANGLE WITH SHORT GUIDES AND LP CONTACTS ASSEMBLY MULTI-BEAM XLE

| SIZE | CAGE CODE | DRAWING NO | RESTRICTED TO |
|---|---|---|---|
| A1 | 00779 | C-6450830 | - |

CUSTOMER DRAWING

| SCALE | SHEET | OF | REV |
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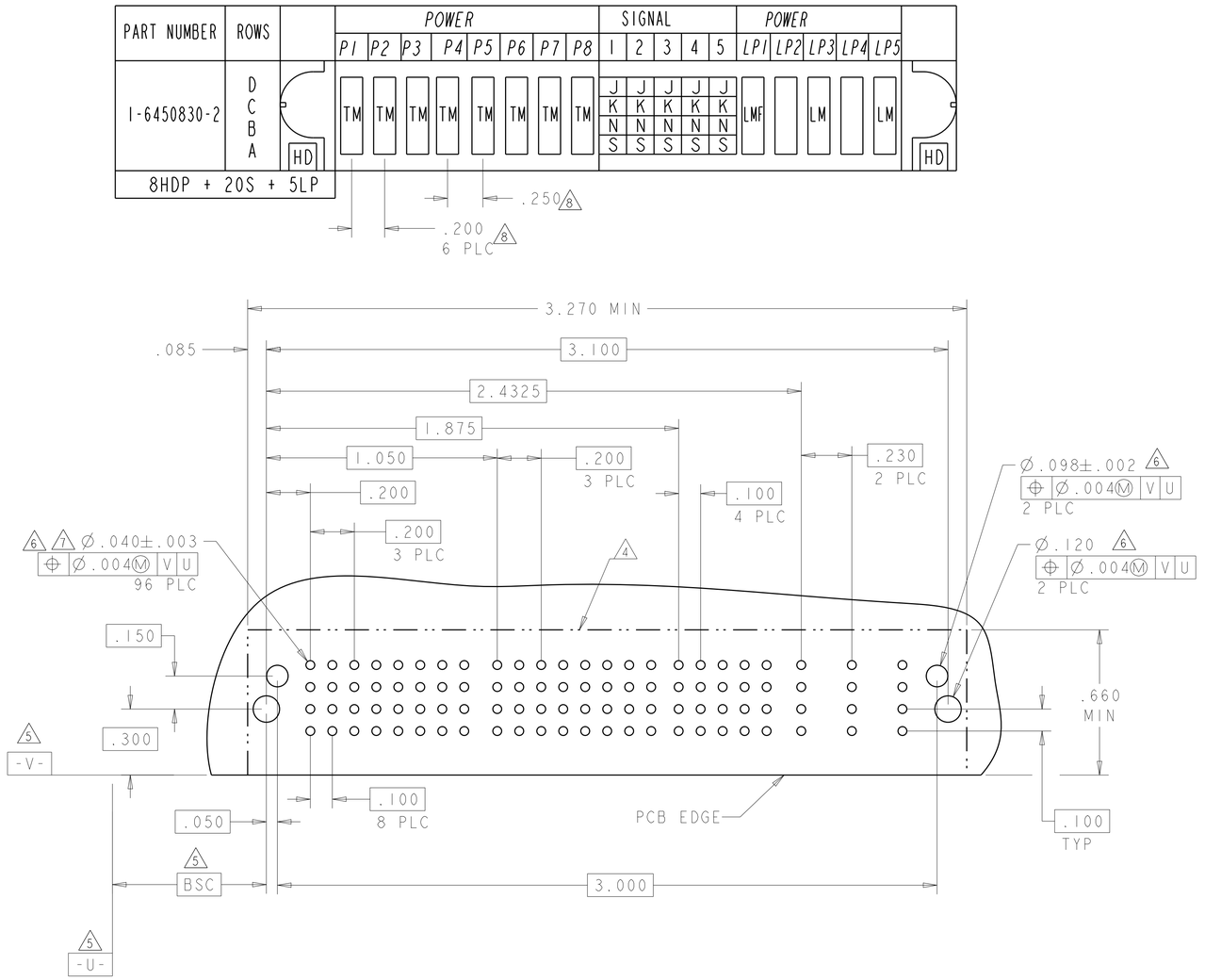
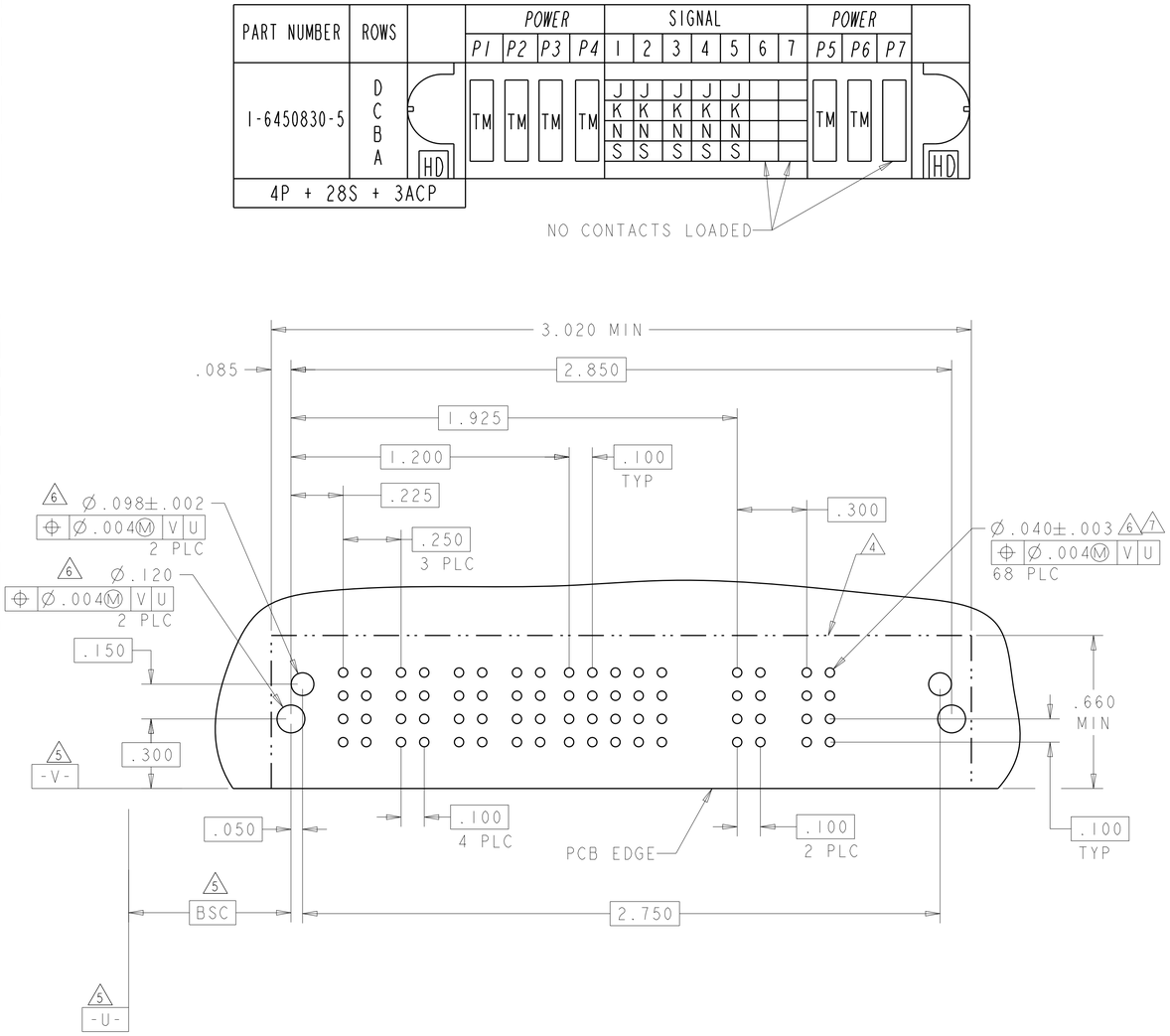
| P | LTR | DESCRIPTION | DATE | DWN | APVD |
|---|---|---|---|---|---|
| | - | SEE SHEET 1 | - | - | - |

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1 PLC ±-
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3 PLC ±.005
4 PLC ±.0020
ANGLES ±2°

MATERIAL - -
FINISH - -

DWN S.ZHAO 10APR2007
CHK S.ZHAO 10APR2007
APVD S.ZHAO -
PRODUCT SPEC 108-2292
APPLICATION SPEC 114-13251
WEIGHT -

TE Connectivity

NAME RIGHT ANGLE WITH SHORT GUIDES AND LP CONTACTS ASSEMBLY MULTI-BEAM XLE

| SIZE | CAGE CODE | DRAWING NO | RESTRICTED TO |
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CUSTOMER DRAWING

SCALE 4:1 SHEET 10 OF 42 REV S2

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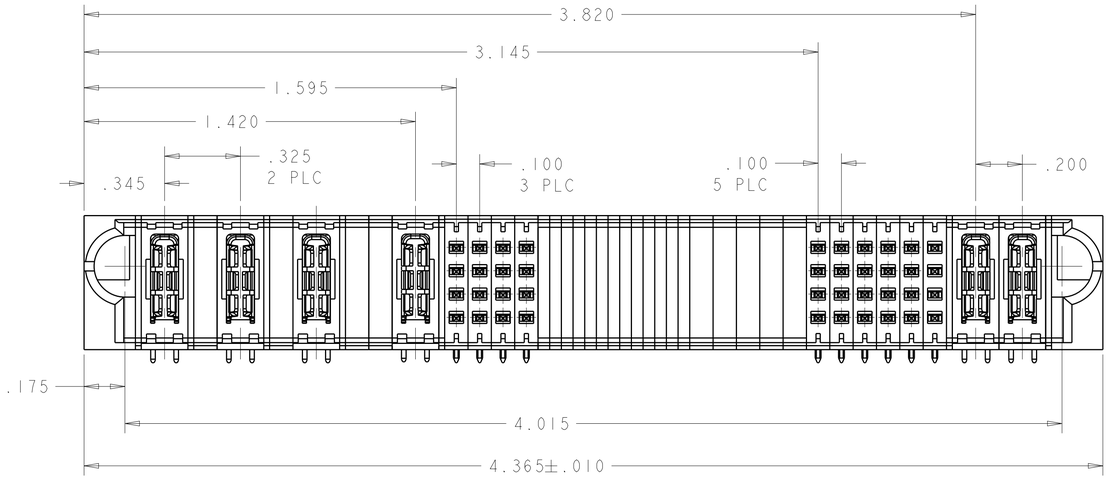
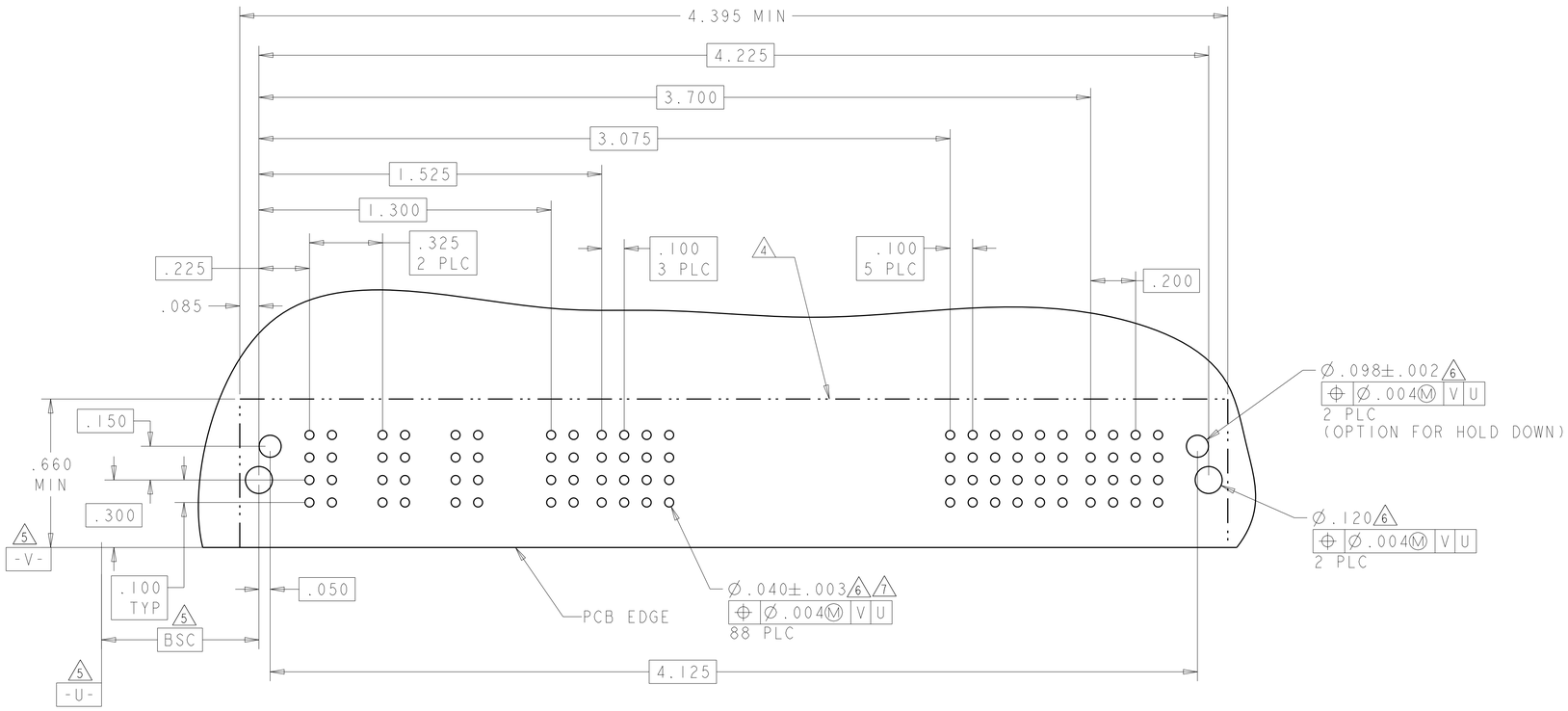
REVISIONS

| P | LTR | DESCRIPTION | DATE | DWN | APVD |
|---|---|---|---|---|---|
| | - | SEE SHEET 1 | - | - | - |




PART NUMBER: 1-6450830-8

| PART NUMBER | ROWS | POWER P1 | POWER P2 | POWER P3 | POWER P4 | SIGNAL 1 | SIGNAL 2 | SIGNAL 3 | SIGNAL 4 | BLANK | SIGNAL 5 | SIGNAL 6 | SIGNAL 7 | SIGNAL 8 | SIGNAL 9 | SIGNAL 10 | POWER P5 | POWER P6 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1-6450830-8 | D | TM | TM | TM | TM | J | J | J | J | | J | J | J | J | J | J | TM | TM |
| | C | | | | | K | K | K | K | | K | K | K | K | K | K | | |
| | B | | | | | N | N | N | N | | N | N | N | N | N | N | | |
| | A | | | | | S | S | S | S | | S | S | S | S | S | S | | |
| 4P + 16S + 24S + 2HDP | | | | | | | | | | | | | | | | | | |

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0 PLC ±-
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3 PLC ±.005
4 PLC ±.0020
ANGLES ±2°

MATERIAL - -
FINISH - -

DWN S.ZHAO 10APR2007
CHK S.ZHAO 10APR2007
APVD S.ZHAO -
PRODUCT SPEC 108-2292
APPLICATION SPEC 114-13251
WEIGHT -

TE Connectivity

NAME RIGHT ANGLE WITH SHORT GUIDES AND LP CONTACTS ASSEMBLY MULTI-BEAM XLE

| SIZE | CAGE CODE | DRAWING NO | RESTRICTED TO |
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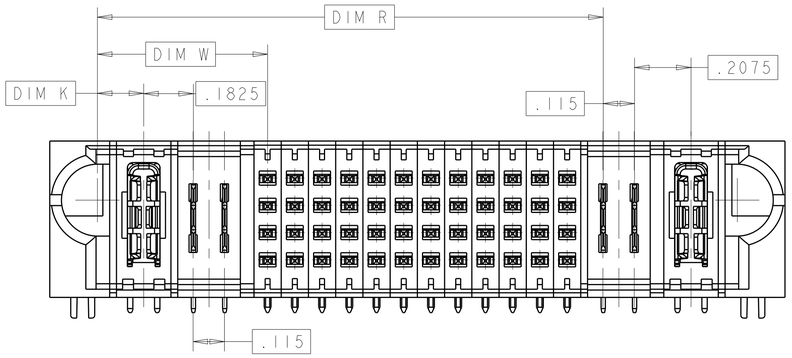
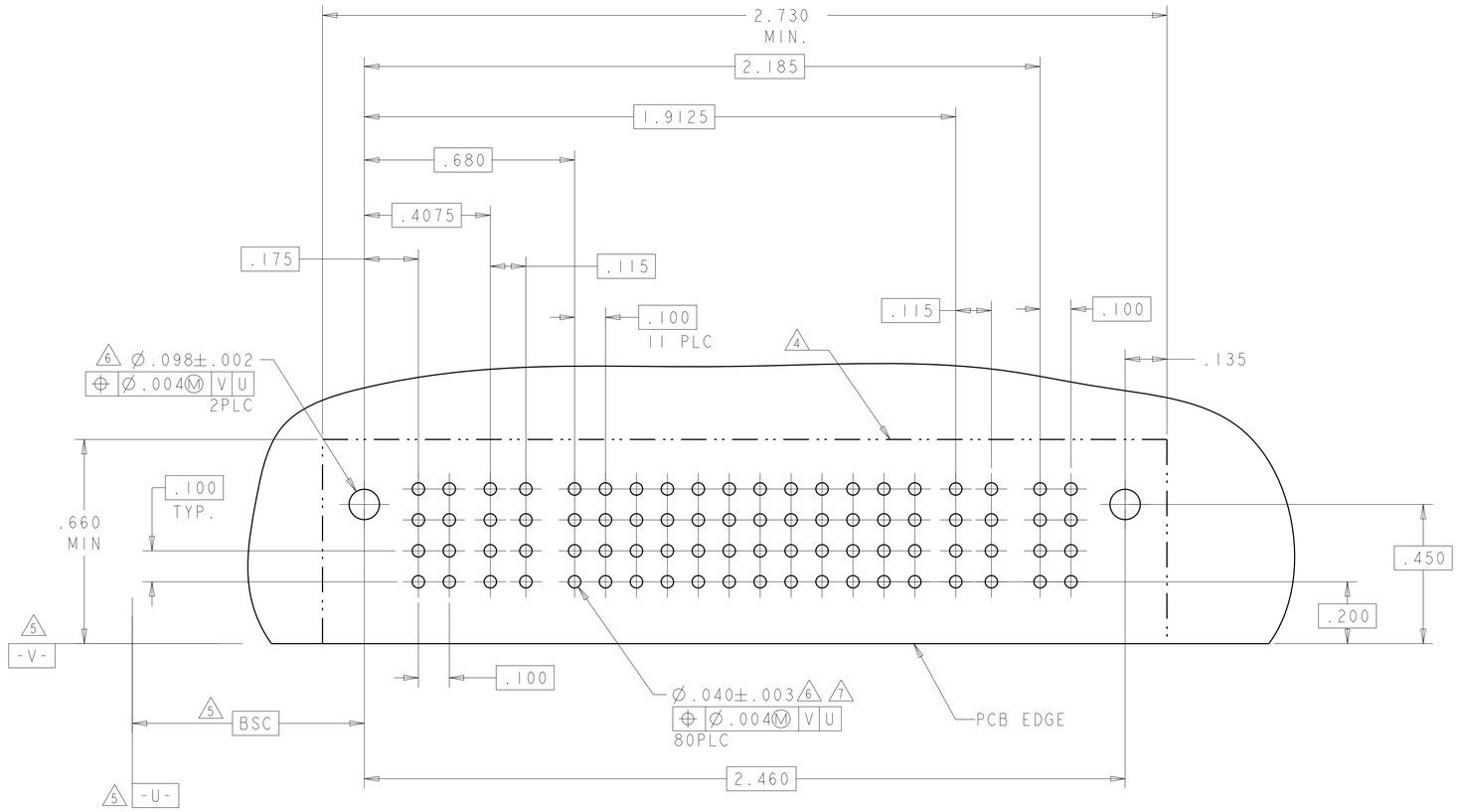
| P | LTR | DESCRIPTION | DATE | DWN | APVD |
|---|---|---|---|---|---|
| | - | SEE SHEET 1 | - | - | - |

| PART NUMBER | ROWS | | POWER | | | SIGNAL | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | P1 | LP1 | LP2 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | LP3 | LP4 | P2 | |
| 1-6450830-7 | D | | TM | LML | LML | E | E | E | E | E | E | E | E | E | E | E | E | LML | LMF | TM | |
| | C | | | | | F | F | F | F | F | F | F | F | F | F | F | F | | | | |
| | B | | | | | G | G | G | G | G | G | G | G | G | G | G | G | | | | |
| | A | HD | | | | H | H | H | H | H | H | H | H | H | H | H | H | | | | HD |
| 1P + 2LP + 48S + 2LP + 1P | | | | | | | | | | | | | | | | | | | | | |




P/N:1-6450830-7 CONFIGURATION
UNSPECIFIED DIMENSION REFER TO SHEET 1

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3 PLC ±.005
4 PLC ±.0020
ANGLES ±2°

MATERIAL - -
FINISH - -

DWN S.ZHAO 10APR2007
CHK S.ZHAO 10APR2007
APVD S.ZHAO -
PRODUCT SPEC 108-2292
APPLICATION SPEC 114-13251
WEIGHT -

TE Connectivity

NAME RIGHT ANGLE WITH SHORT GUIDES AND LP CONTACTS ASSEMBLY MULTI-BEAM XLE

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| A1 | 00779 | C-6450830 | - |

CUSTOMER DRAWING

| SCALE | SHEET | OF | REV |
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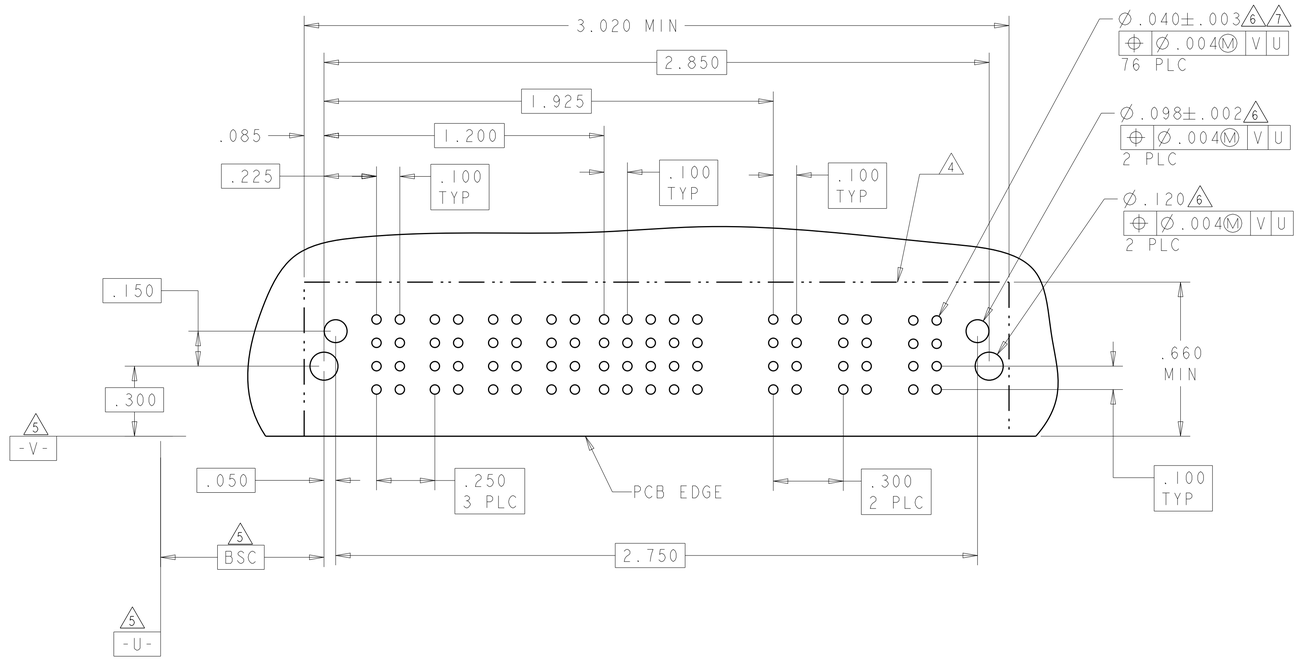
REVISIONS

| P | LTR | DESCRIPTION | DATE | DWN | APVD |
|---|---|---|---|---|---|
| | - | SEE SHEET 1 | - | - | - |

| PART NUMBER | ROWS | POWER P1 | POWER P2 | POWER P3 | POWER P4 | SIGNAL 1 | 2 | 3 | 4 | 5 | 6 | 7 | POWER P5 | POWER P6 | POWER P7 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1-6450830-9 | D C B A | TM | TM | TM | TM | J K N S | J K N S | J K N S | J K N S | J K N S | | | TM | TM | TM |
| 4P + 28S + 3ACP | | HD | | | | | | | | | | | | | HD |

NO CONTACTS LOADED

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ANGLES ±2°

MATERIAL - -
FINISH - -

DWN S. ZHAO 10APR2007
CHK S. ZHAO 10APR2007
APVD S. ZHAO -
PRODUCT SPEC 108-2292
APPLICATION SPEC 114-13251
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NAME RIGHT ANGLE WITH SHORT GUIDES AND LP CONTACTS ASSEMBLY MULTI-BEAM XLE

| SIZE | CAGE CODE | DRAWING NO | RESTRICTED TO |
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| A1 | 00779 | C-6450830 | - |

CUSTOMER DRAWING

| SCALE | SHEET | OF | REV |
|---|---|---|---|
| 4:1 | 13 | 42 | S2 |

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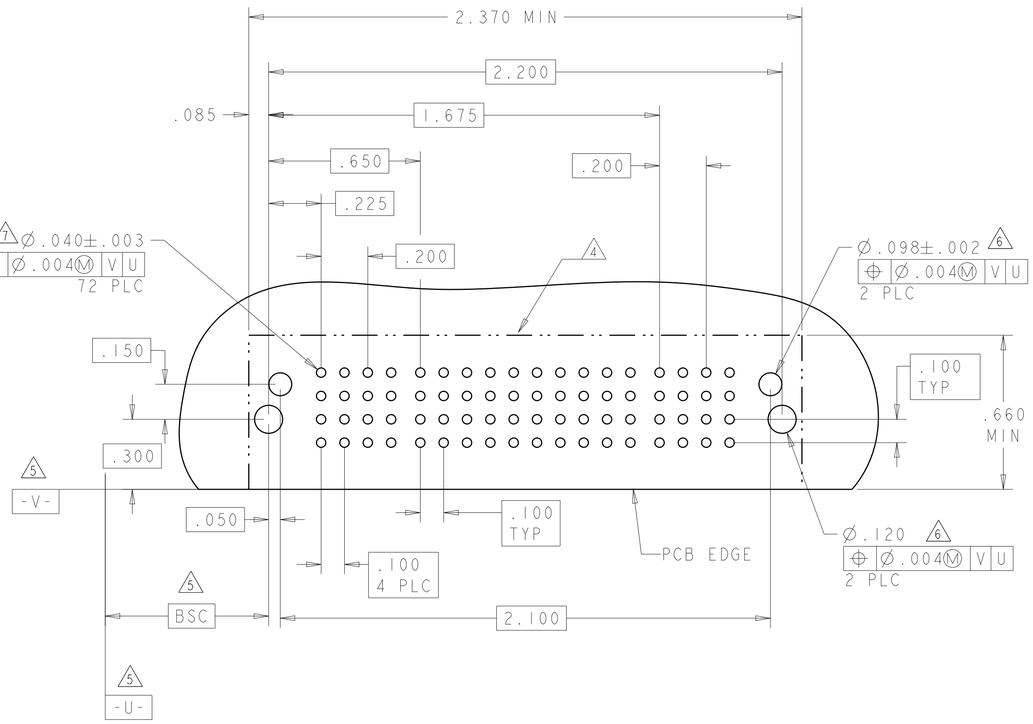
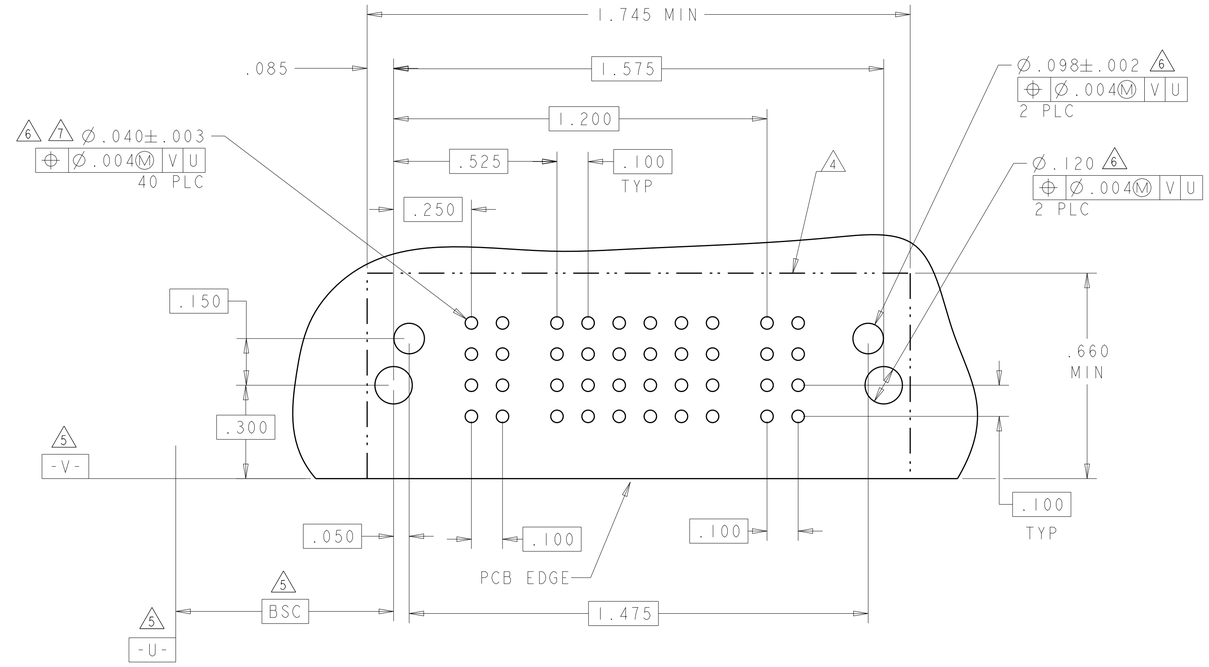
REVISIONS

| P | LTR | DESCRIPTION | DATE | DWN | APVD |
|---|---|---|---|---|---|
| | - | SEE SHEET 1 | - | - | - |

| PART NUMBER | ROWS | | POWER | | SIGNAL | | | | | | | | | | POWER | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | P1 | P2 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | P3 | P4 | |
| 2-6450830-4 | D | | TM | TM | J | J | J | J | J | J | J | J | J | J | TM | TM | |
| | C | | | | K | K | K | K | K | K | K | K | K | K | | | |
| | B | | | | N | N | N | N | N | N | N | N | N | N | | | |
| | A | HD | | | S | S | S | S | S | S | S | S | S | S | | | HD |
| 2P + 40S + 2P | | | | | | | | | | | | | | | | | |




| PART NUMBER | ROWS | | POWER | SIGNAL | | | | | | POWER | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | P1 | 1 | 2 | 3 | 4 | 5 | 6 | P2 | |
| 2-6450830-6 | D | | TM | J | J | J | J | J | J | TM | |
| | C | | | K | K | K | K | K | K | | |
| | B | | | N | N | N | N | N | N | | |
| | A | HD | | H | S | S | S | S | S | | HD |
| 1P + 24S + 1P | | | | | | | | | | | |

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DIMENSIONS: INCHES

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ±-
1 PLC ±-
2 PLC ±.01
3 PLC ±.005
4 PLC ±.0020
ANGLES ±2°

MATERIAL - -
FINISH - -

DWN S.ZHAO 10APR2007
CHK S.ZHAO 10APR2007
APVD S.ZHAO -
PRODUCT SPEC 108-2292
APPLICATION SPEC 114-13251
WEIGHT -

TE Connectivity

NAME RIGHT ANGLE WITH SHORT GUIDES AND LP CONTACTS ASSEMBLY MULTI-BEAM XLE

| SIZE | CAGE CODE | DRAWING NO | RESTRICTED TO |
|---|---|---|---|
| A1 | 00779 | C-6450830 | - |

CUSTOMER DRAWING

| SCALE | SHEET | OF | REV |
|---|---|---|---|
| 4:1 | 14 | 42 | S2 |

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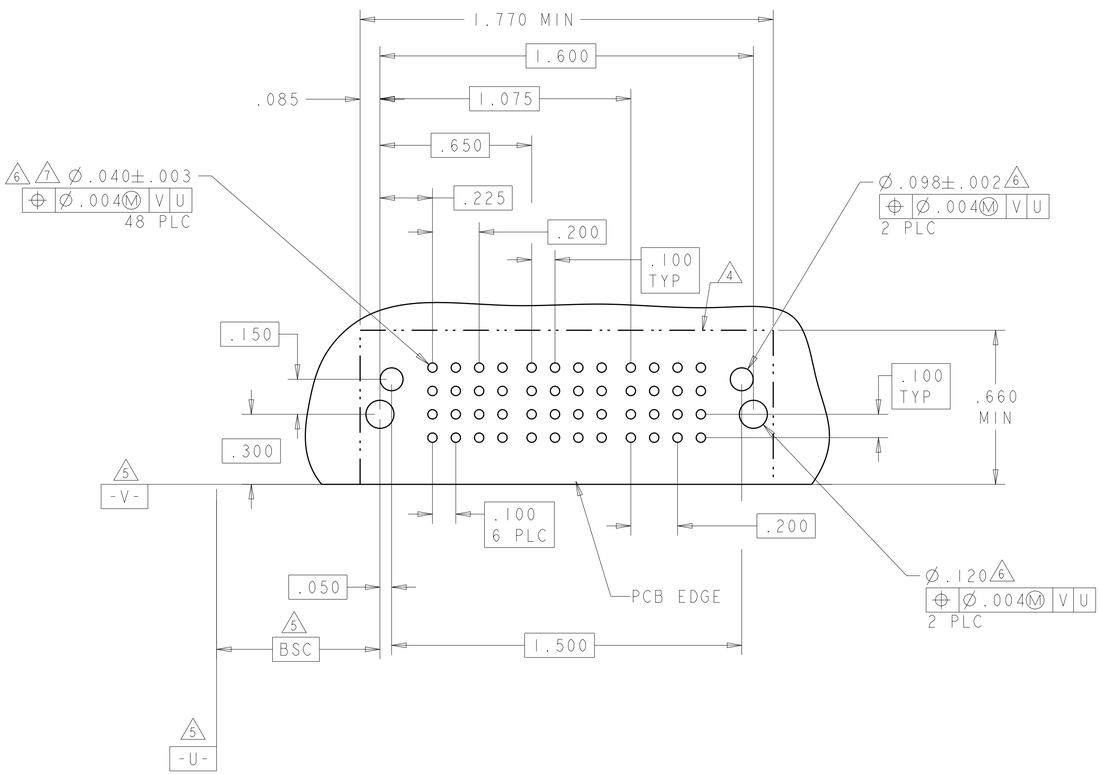
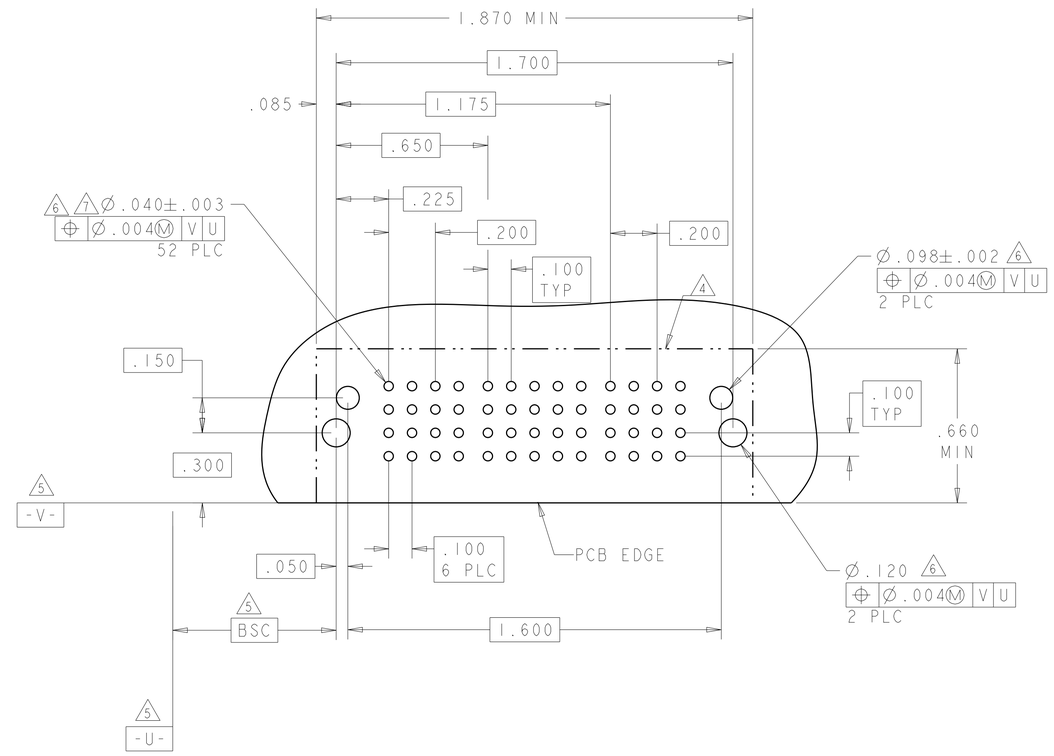
REVISIONS

| P | LTR | DESCRIPTION | DATE | DWN | APVD |
|---|---|---|---|---|---|
| | - | SEE SHEET 1 | - | - | - |

| PART NUMBER | ROWS | | POWER | | SIGNAL | | | | POWER | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | P1 | P2 | 1 | 2 | 3 | 4 | P3 | P4 | |
| 2-6450830-7 | D | | TM | TM | J | J | J | J | TM | TM | |
| | C | | | | K | K | K | K | | | |
| | B | | | | N | N | N | N | | | |
| | A | HD | | | S | S | S | S | | | HD |
| 2P + 16S + 2P | | | | | | | | | | | |

| PART NUMBER | ROWS | | POWER | | SIGNAL | | | | | POWER | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | P1 | P2 | 1 | 2 | 3 | 4 | 5 | P3 | P4 | |
| 2-6450830-8 | D | | TM | TM | J | J | J | J | J | TM | TM | |
| | C | | | | K | K | K | K | K | | | |
| | B | | | | N | N | N | N | N | | | |
| | A | HD | | | S | S | S | S | S | | | HD |
| 2P + 20S + 2P | | | | | | | | | | | | |

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3 PLC ±.005
4 PLC ±.0020
ANGLES ±2°

MATERIAL - -
FINISH - -

DWN S.ZHAO 10APR2007
CHK S.ZHAO 10APR2007
APVD S.ZHAO -
PRODUCT SPEC 108-2292
APPLICATION SPEC 114-13251
WEIGHT -

TE Connectivity

NAME RIGHT ANGLE WITH SHORT GUIDES AND LP CONTACTS ASSEMBLY MULTI-BEAM XLE

| SIZE | CAGE CODE | DRAWING NO | RESTRICTED TO |
|---|---|---|---|
| A1 | 00779 | C-6450830 | - |

CUSTOMER DRAWING

SCALE 4:1 SHEET 15 OF 42 REV S2

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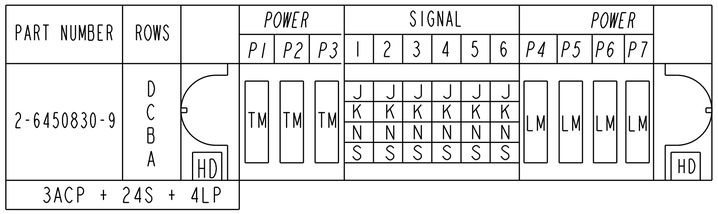
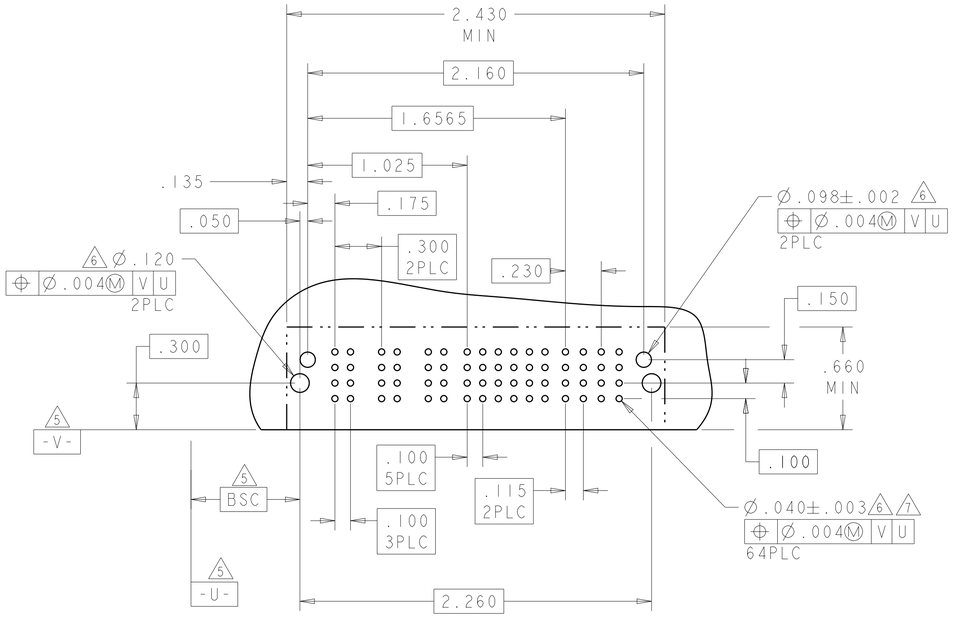
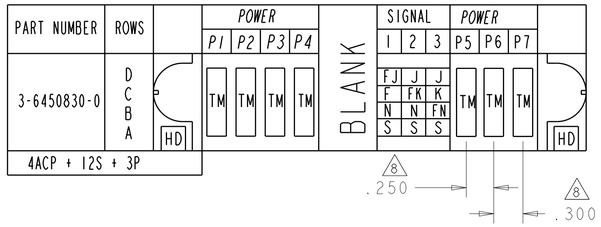
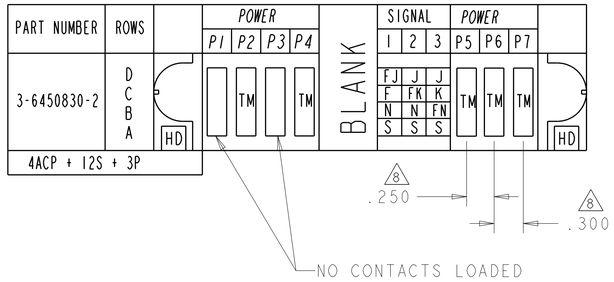
REVISIONS

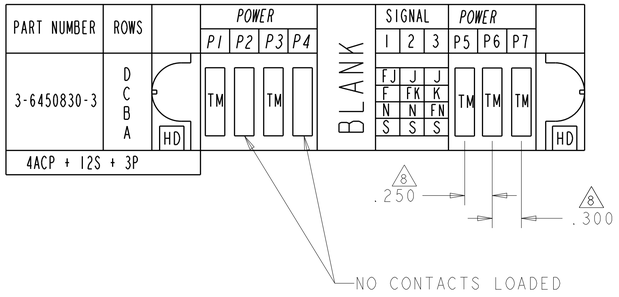
| P | LTR | DESCRIPTION | DATE | DWN | APVD |
|---|---|---|---|---|---|
| | - | SEE SHEET 1 | - | - | - |

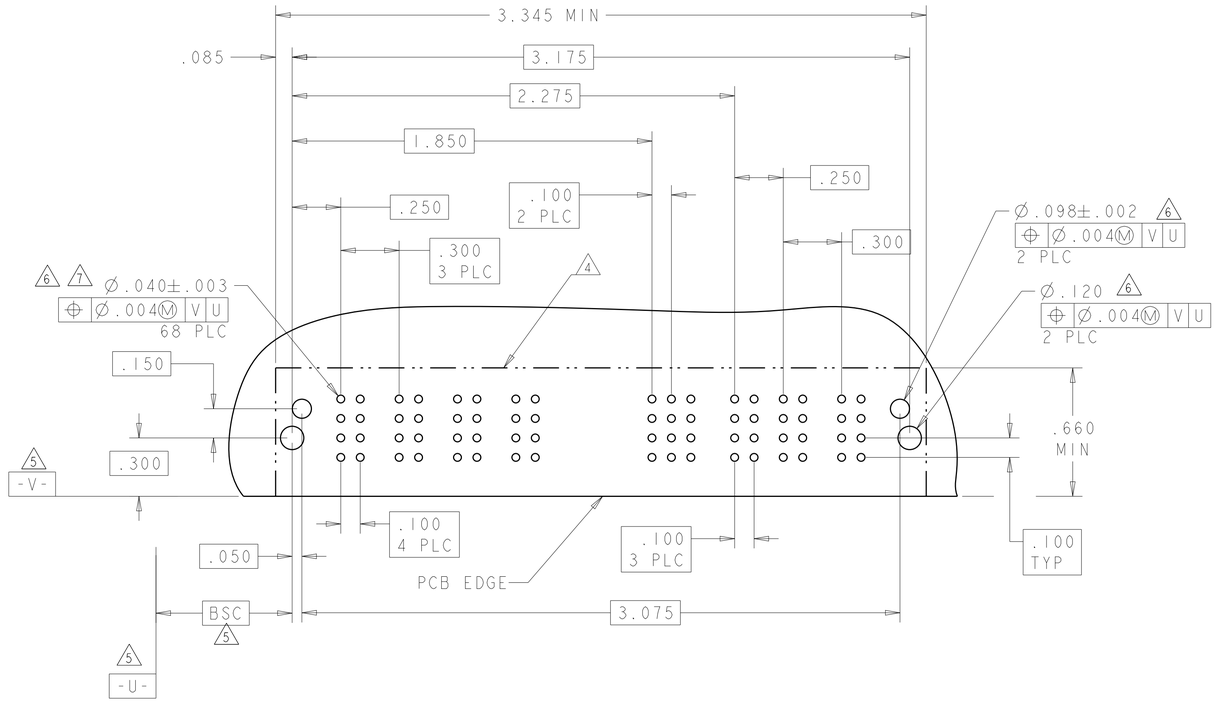



RECOMMENDED PCB LAYOUT FOR 3-6450830-0,3-6450830-2 AND 3-6450830-3

| | | | |
|---|---|---|---|
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| DIMENSIONS: INCHES | CHK S.ZHAO 10APR2007 | NAME RIGHT ANGLE WITH SHORT GUIDES AND LP CONTACTS ASSEMBLY MULTI-BEAM XLE | |
| TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±- 1 PLC ±- 2 PLC ±.01 3 PLC ±.005 4 PLC ±.0020 ANGLES ±2° | APVD S.ZHAO - | | |
| | PRODUCT SPEC 108-2292 | | |
| | APPLICATION SPEC 114-13251 | SIZE A1 / CAGE CODE 00779 / DRAWING NO C-6450830 | RESTRICTED TO - |
| MATERIAL - - | FINISH - - | WEIGHT - | |
| | CUSTOMER DRAWING | SCALE 4:1 / SHEET 16 OF 42 | REV S2 |

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|---|---|---|---|---|---|
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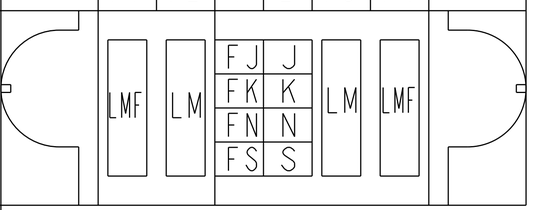
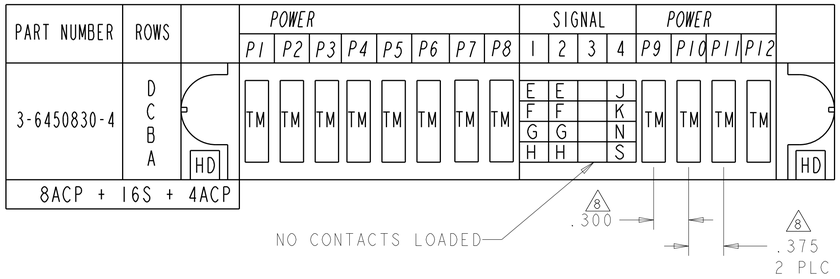
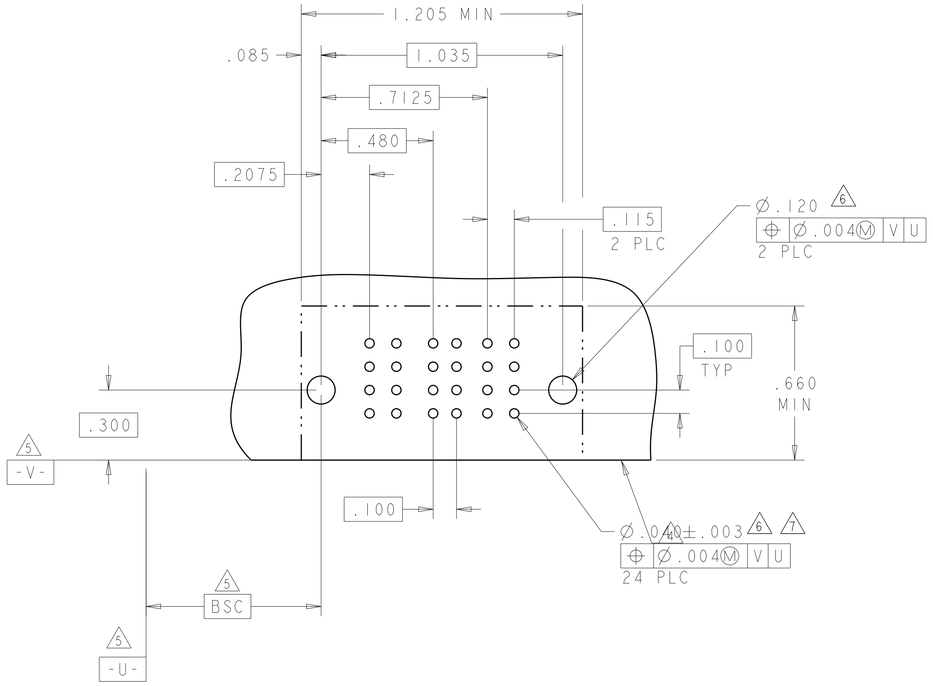
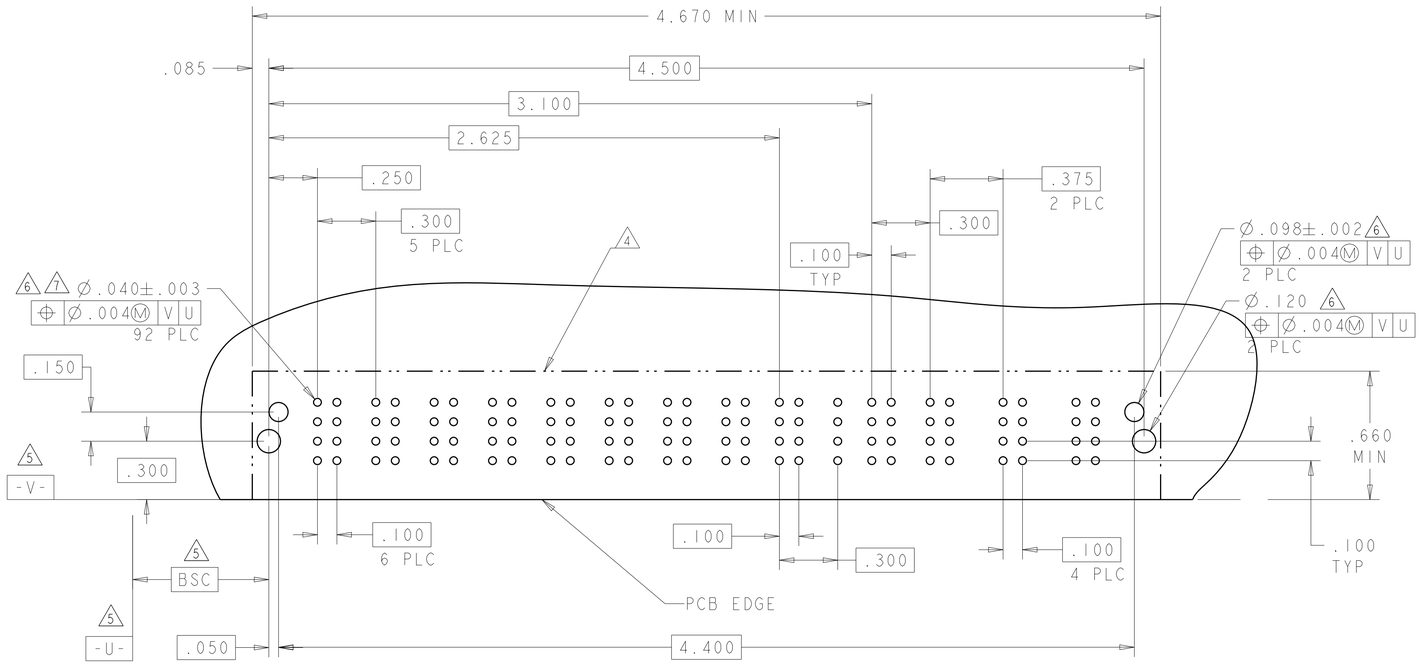
| PART NUMBER | ROWS |
|---|---|
| 3-6450830-1 | D C B A |
| 2LP + 8S + 2LP | |




| PART NUMBER | ROWS |
|---|---|
| 3-6450830-4 | D C B A |
| 8ACP + 16S + 4ACP | |

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4 PLC ±.0020
ANGLES ±2°

MATERIAL - - -
FINISH - -

DWN S.ZHAO 10APR2007
CHK S.ZHAO 10APR2007
APVD S.ZHAO -
PRODUCT SPEC 108-2292
APPLICATION SPEC 114-13251
WEIGHT -

TE Connectivity

NAME
RIGHT ANGLE WITH SHORT GUIDES AND LP CONTACTS ASSEMBLY MULTI-BEAM XLE

| SIZE | CAGE CODE | DRAWING NO | RESTRICTED TO |
|---|---|---|---|
| A1 | 00779 | C-6450830 | - |

CUSTOMER DRAWING

| SCALE | SHEET | OF | REV |
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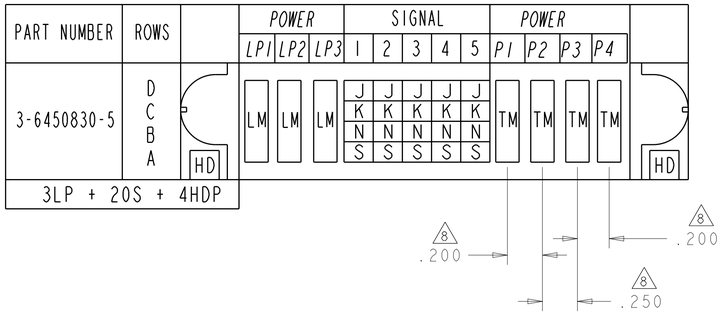
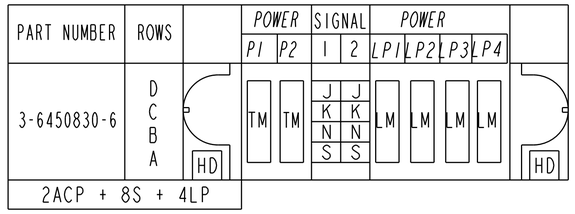
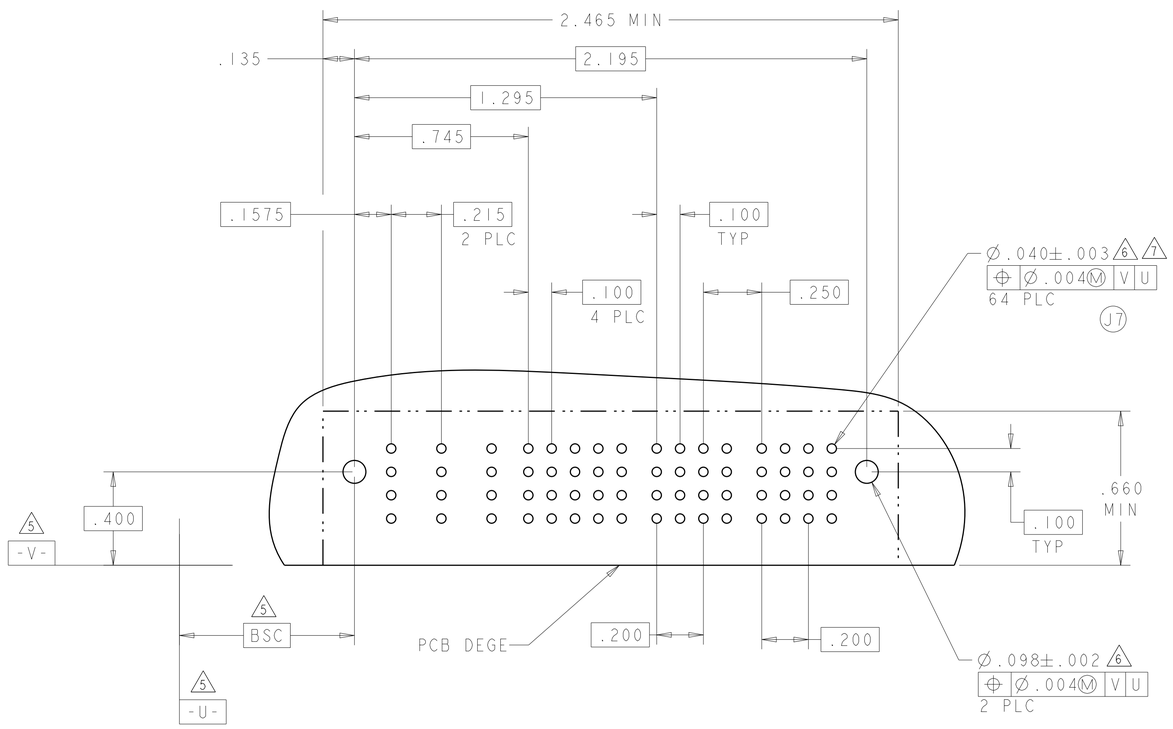
|---|---|---|---|---|---|
| | - | SEE SHEET 1 | - | - | - |

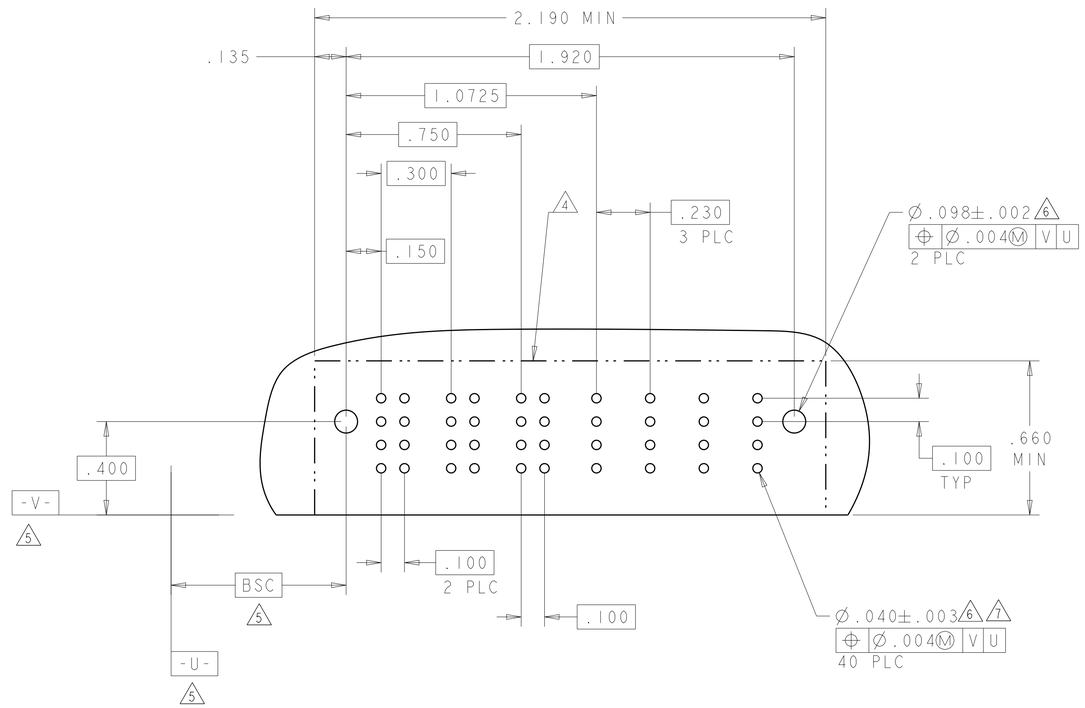
| PART NUMBER | ROWS |
|---|---|
| 3-6450830-5 | D C B A |
| 3LP + 20S + 4HDP | |




| PART NUMBER | ROWS |
|---|---|
| 3-6450830-6 | D C B A |
| 2ACP + 8S + 4LP | |

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4 PLC ±.0020
ANGLES ±2°

MATERIAL - -
FINISH - -

DWN S.ZHAO 10APR2007
CHK S.ZHAO 10APR2007
APVD S.ZHAO -
PRODUCT SPEC 108-2292
APPLICATION SPEC 114-13251
WEIGHT -

TE Connectivity

NAME RIGHT ANGLE WITH SHORT GUIDES AND LP CONTACTS ASSEMBLY MULTI-BEAM XLE

SIZE A1 | CAGE CODE 00779 | DRAWING NO C-6450830 | RESTRICTED TO -

CUSTOMER DRAWING | SCALE 4:1 | SHEET 18 OF 42 | REV S2

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|---|---|---|---|---|---|
| | - | SEE SHEET 1 | - | - | - |

| PART NUMBER | ROWS |
|---|---|
| 3-6450830-7 | D C B A |

POWER: LP1 LP2 LP3 LP4 LP5 LP6 — SIGNAL: 1 2

LM LM LM

J J / K K / N N / S S

6LP + 8S

| PART NUMBER | ROWS |
|---|---|
| 3-6450830-8 | D C B A |

POWER: P1 P2 P3 P4 P5 — SIGNAL: 1 2 3 — POWER: P6 P7 P8 P9

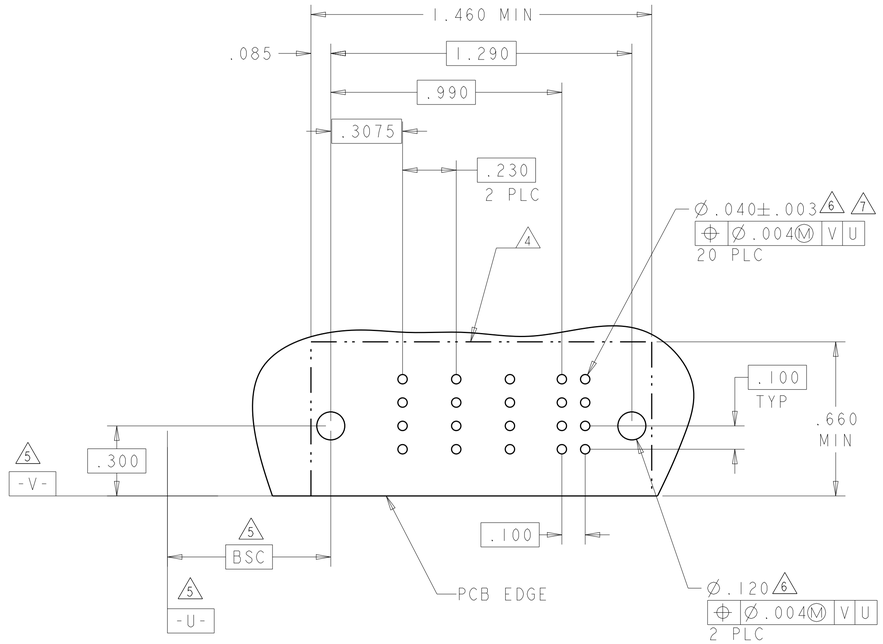
TM TM TM TM TM

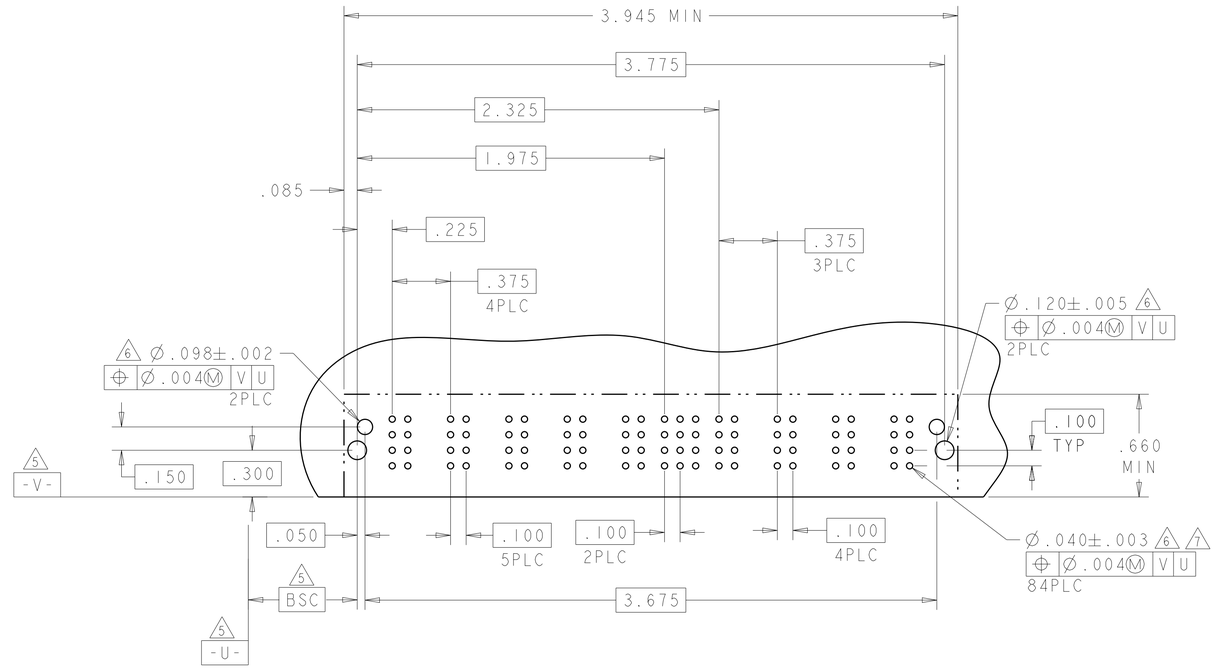
J J J / K K K / N N N / S S H

TM TM TM TM

HD HD

5ACP + 12S + 4ACP

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MATERIAL - -
FINISH - -

DWN S.ZHAO 10APR2007
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| SCALE | SHEET | OF | REV |
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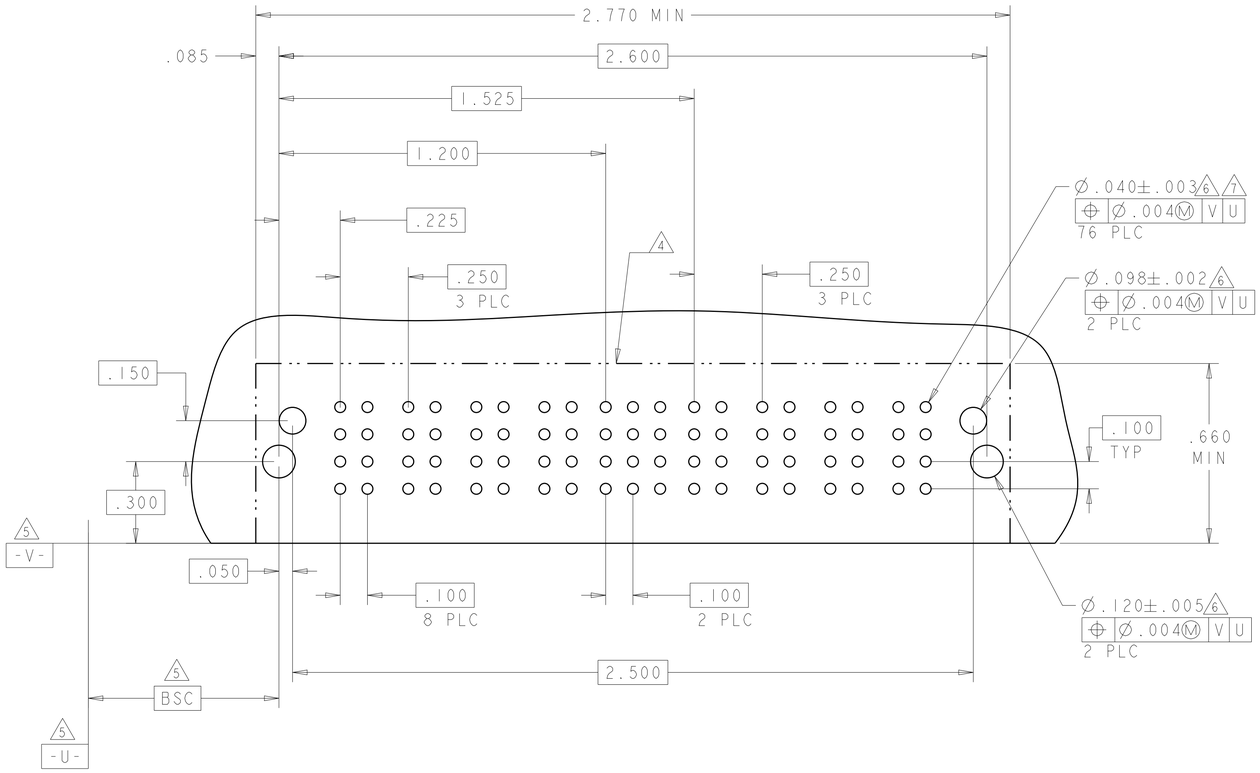
| | - | SEE SHEET 1 | - | - | - |

(L)

| PART NUMBER | ROWS | | POWER P1 | POWER P2 | POWER P3 | POWER P4 | SIGNAL 1 | SIGNAL 2 | SIGNAL 3 | POWER P5 | POWER P6 | POWER P7 | POWER P8 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 4-6450830-2 | D | | TM | TM | TM | TM | J | J | J | TM | TM | TM | TM | |
| | C | | | | | | K | K | K | | | | | |
| | B | | | | | | N | N | N | | | | | |
| | A | HD | | | | | S | S | S | | | | | HD |

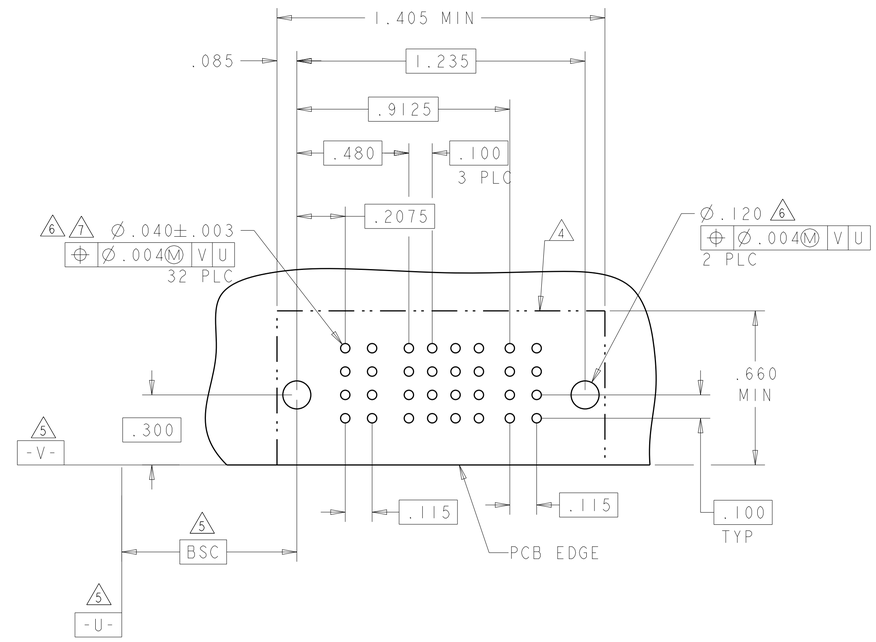
4P + 12S + 4P




(N7)

| PART NUMBER | ROWS | | LOW POWER LP1 | LOW POWER LP2 | SIGNAL 1 | SIGNAL 2 | SIGNAL 3 | SIGNAL 4 | LOW POWER LP3 | LOW POWER LP4 | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 6-6450830-0 | D | | LM | LM | J | J | J | E | LM | LM | |
| | C | | | | K | K | K | K | | | |
| | B | | | | N | N | N | N | | | |
| | A | | | | S | S | S | S | | | |

2LP + 16S + 2LP

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| | PRODUCT SPEC 108-2292 | | |
| | APPLICATION SPEC 114-13251 | SIZE A1 / CAGE CODE 00779 / DRAWING NO C-6450830 | RESTRICTED TO - |
| MATERIAL - - | WEIGHT - | | |
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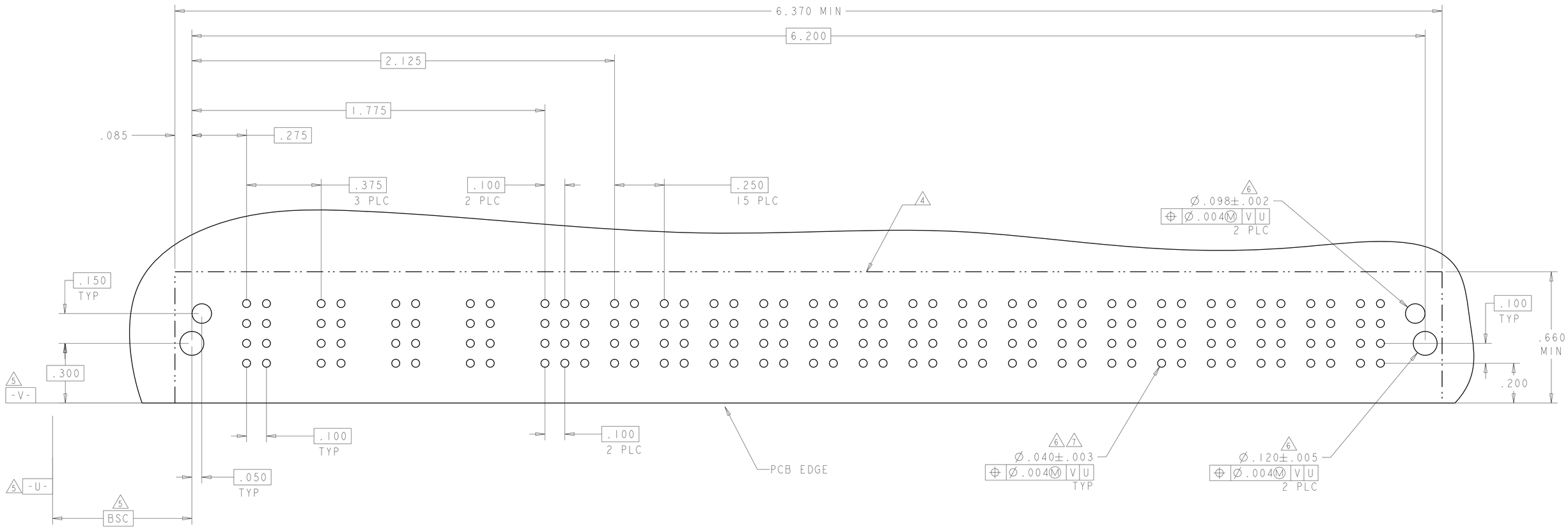
|---|---|---|---|---|---|
| | - | SEE SHEET 1 | - | - | - |

L1

| PART NUMBER | ROWS | | POWER P1 | P2 | P3 | P4 | SIGNAL 1 | 2 | 3 | POWER P5 | P6 | P7 | P8 | P9 | P10 | P11 | P12 | P13 | P14 | P15 | P16 | P17 | P18 | P19 | P20 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 4-6450830-3 | D | | TM | TM | TM | TM | J | J | J | TM | TM | TM | TM | TM | TM | TM | TM | TM | TM | TM | TM | TM | TM | TM | TM | |
| | C | | | | | | K | K | K | | | | | | | | | | | | | | | | | |
| | B | | | | | | N | N | N | | | | | | | | | | | | | | | | | |
| | A | HD | | | | | S | S | S | | | | | | | | | | | | | | | | | HD |
| 4P + 12S + 16P | | | | | | | | | | | | | | | | | | | | | | | | | | |

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4 PLC ±.0020
ANGLES ±2°

MATERIAL - -
FINISH - -

DWN S.ZHAO 10APR2007
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NAME RIGHT ANGLE WITH SHORT GUIDES AND LP CONTACTS ASSEMBLY MULTI-BEAM XLE

SIZE A1 | CAGE CODE 00779 | DRAWING NO C-6450830 | RESTRICTED TO -

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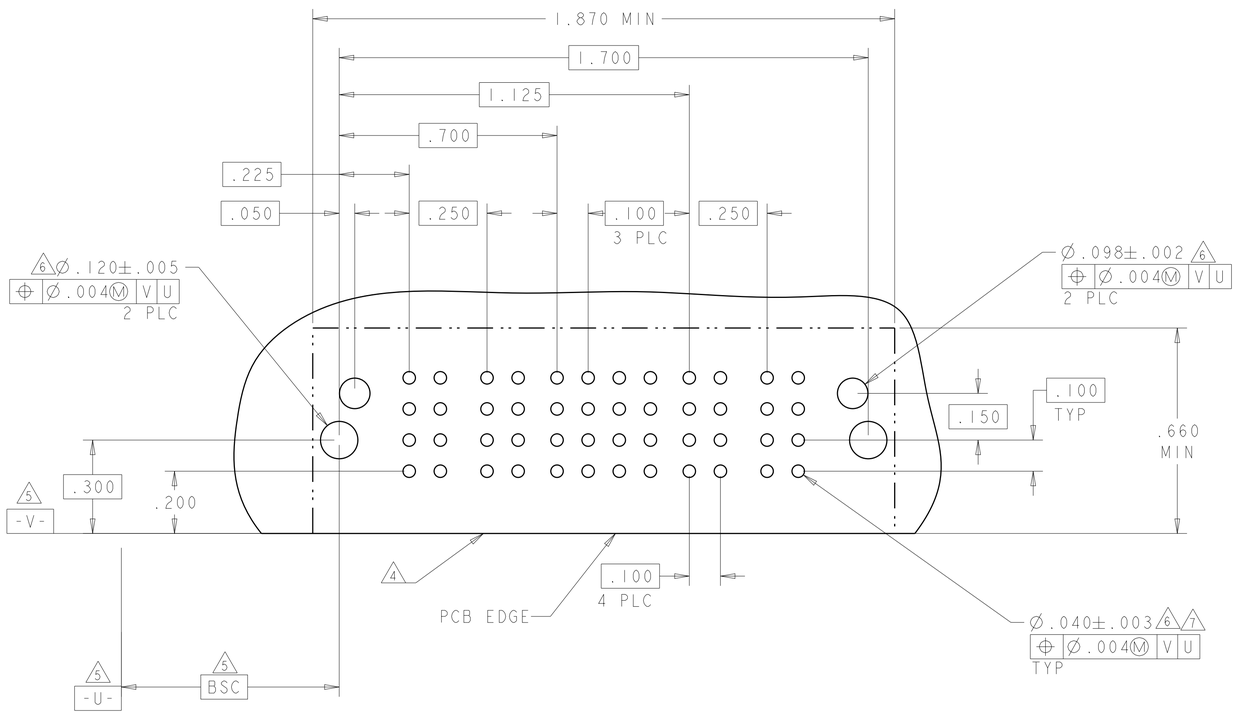
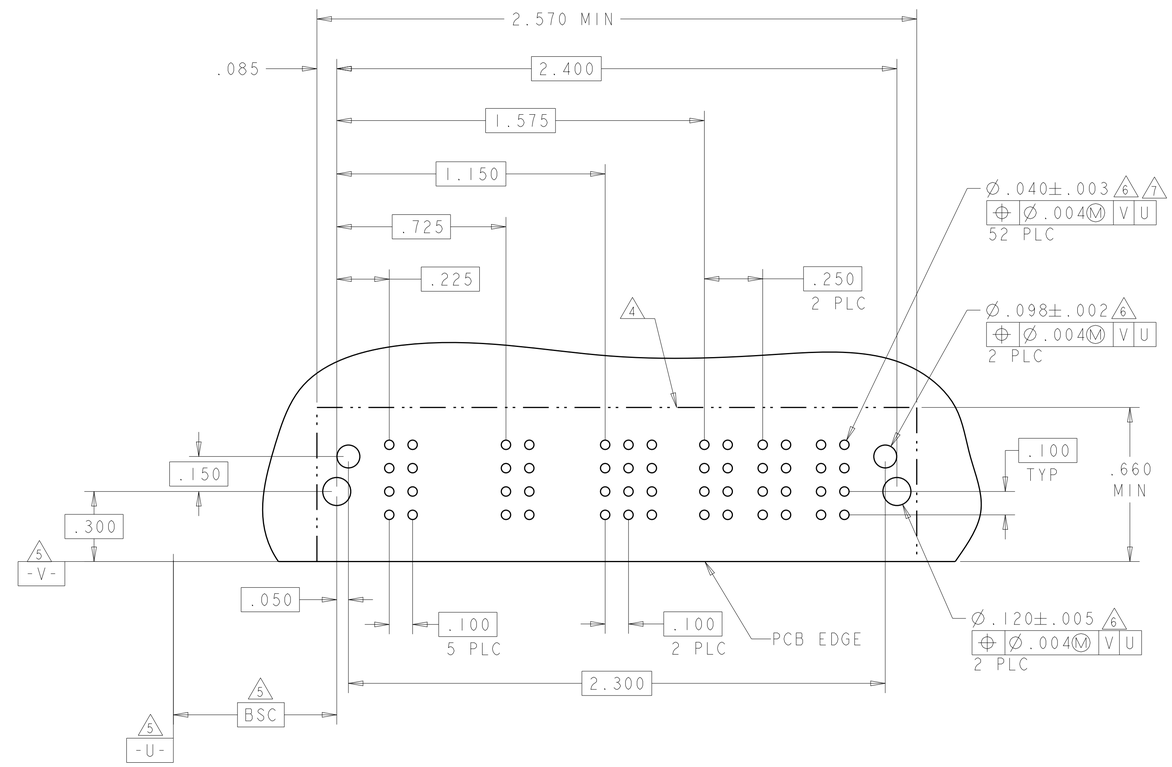
|---|---|---|---|---|---|
| | - | SEE SHEET 1 | - | - | - |

| PART NUMBER | ROWS | | POWER P1 | POWER P2 | SIGNAL 1 | SIGNAL 2 | SIGNAL 3 | SIGNAL 4 | POWER P3 | POWER P4 | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 4-6450830-4 | D | | TM | TM | J | J | J | J | TM | TM | |
| | C | | | | FK | FK | FK | FK | | | |
| | B | | | | G | G | G | G | | | |
| | A | HD | | | S | S | S | S | | | HD |
| 2P + 16S + 2P | | | | | | | | | | | |

L3

| PART NUMBER | ROWS | | POWER P1 | POWER P2 | POWER P3 | SIGNAL 1 | SIGNAL 2 | SIGNAL 3 | SIGNAL 4 | SIGNAL 5 | SIGNAL 6 | POWER P4 | POWER P5 | POWER P6 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 4-6450830-5 | D | | TM | | TM | | | J | J | J | | TM | TM | TM | |
| | C | | | | | | | K | K | K | | | | | |
| | B | | | | | | | G | G | G | | | | | |
| | A | HD | | | | | | S | S | S | | | | | HD |
| 3P + 24S + 3P | | | | | | | | | | | | | | | |

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DIMENSIONS: INCHES

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ±-
1 PLC ±-
2 PLC ±.01
3 PLC ±.005
4 PLC ±.0020
ANGLES ±2°

MATERIAL - -
FINISH - -

DWN S.ZHAO 10APR2007
CHK S.ZHAO 10APR2007
APVD S.ZHAO -
PRODUCT SPEC 108-2292
APPLICATION SPEC 114-13251
WEIGHT -

TE Connectivity

NAME RIGHT ANGLE WITH SHORT GUIDES AND LP CONTACTS ASSEMBLY MULTI-BEAM XLE

SIZE A1 | CAGE CODE 00779 | DRAWING NO C-6450830 | RESTRICTED TO -

CUSTOMER DRAWING | SCALE 4:1 | SHEET 22 OF 42 | REV S2

4805 (3/11)

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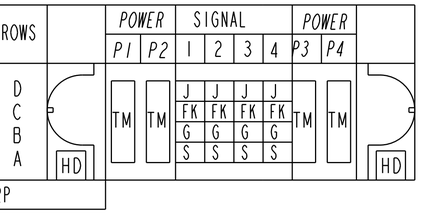
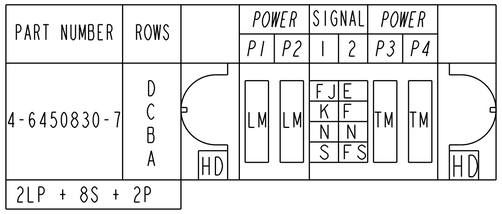
REVISIONS

| P | LTR | DESCRIPTION | DATE | DWN | APVD |
|---|---|---|---|---|---|
| | - | SEE SHEET 1 | - | - | - |

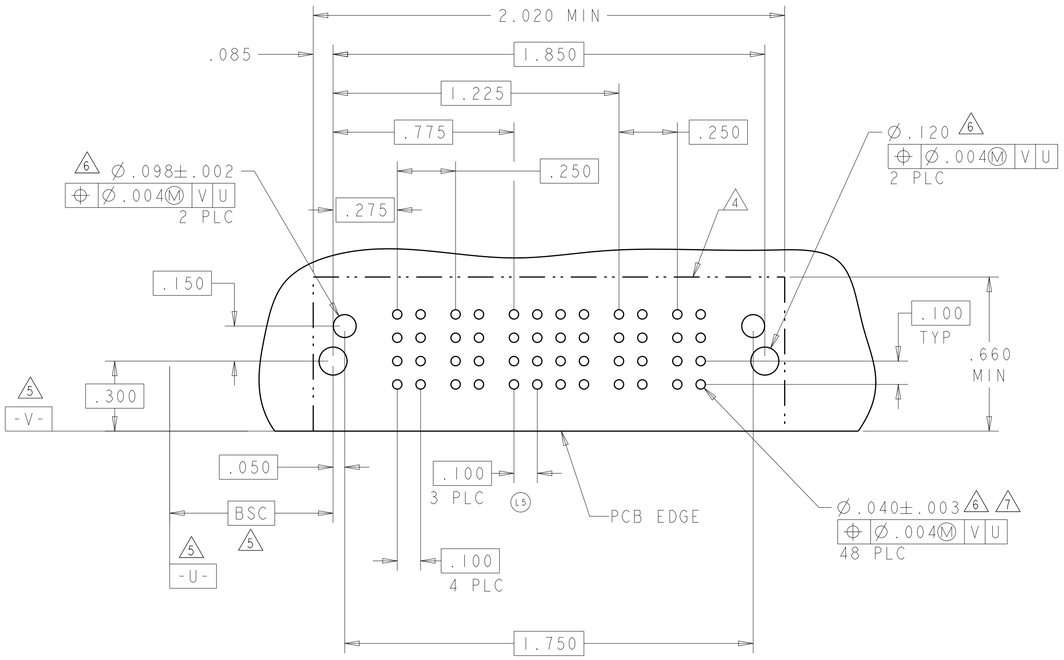
| PART NUMBER | ROWS |
|---|---|
| 4-6450830-6 | D C B A |
| 2P + 16S + 2P | |

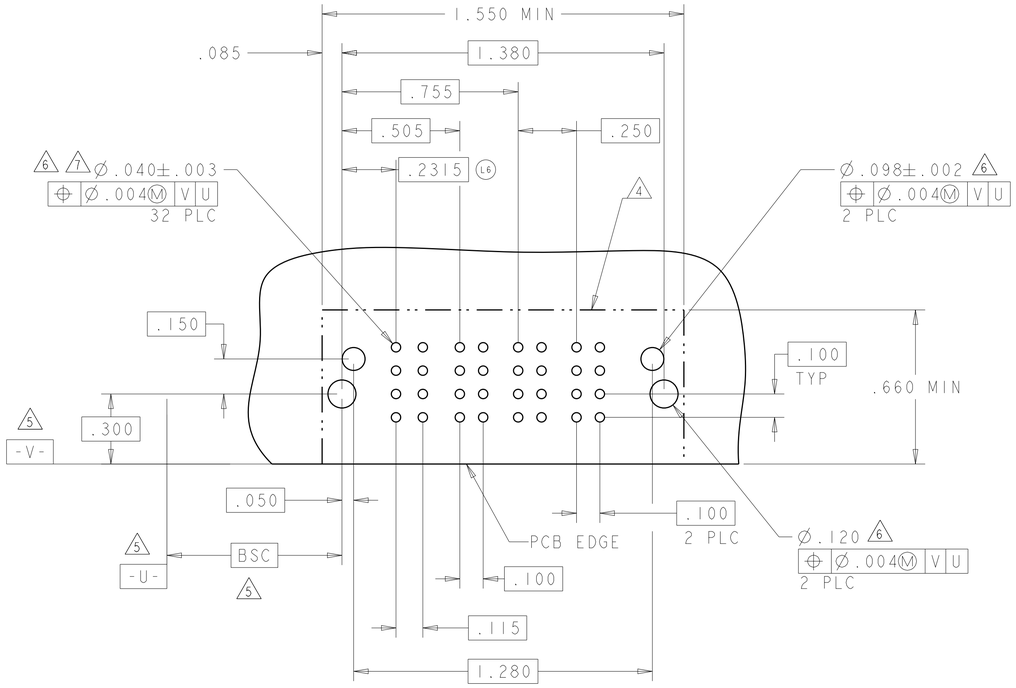



| PART NUMBER | ROWS |
|---|---|
| 4-6450830-7 | D C B A |
| 2LP + 8S + 2P | |




N4

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3 PLC ±.005
4 PLC ±.0020
ANGLES ±2°

MATERIAL - -
FINISH - -

DWN S.ZHAO 10APR2007
CHK S.ZHAO 10APR2007
APVD S.ZHAO -
PRODUCT SPEC 108-2292
APPLICATION SPEC 114-13251
WEIGHT -

TE Connectivity

NAME RIGHT ANGLE WITH SHORT GUIDES AND LP CONTACTS ASSEMBLY MULTI-BEAM XLE

SIZE A1 | CAGE CODE 00779 | DRAWING NO C-6450830 | RESTRICTED TO -

CUSTOMER DRAWING | SCALE 4:1 | SHEET 23 OF 42 | REV S2

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REVISIONS

| P | LTR | DESCRIPTION | DATE | DWN | APVD |
|---|---|---|---|---|---|
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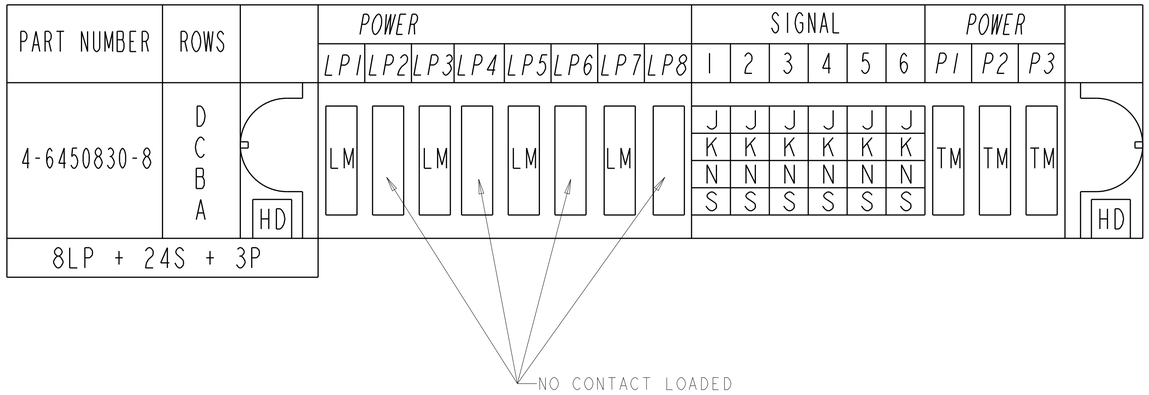


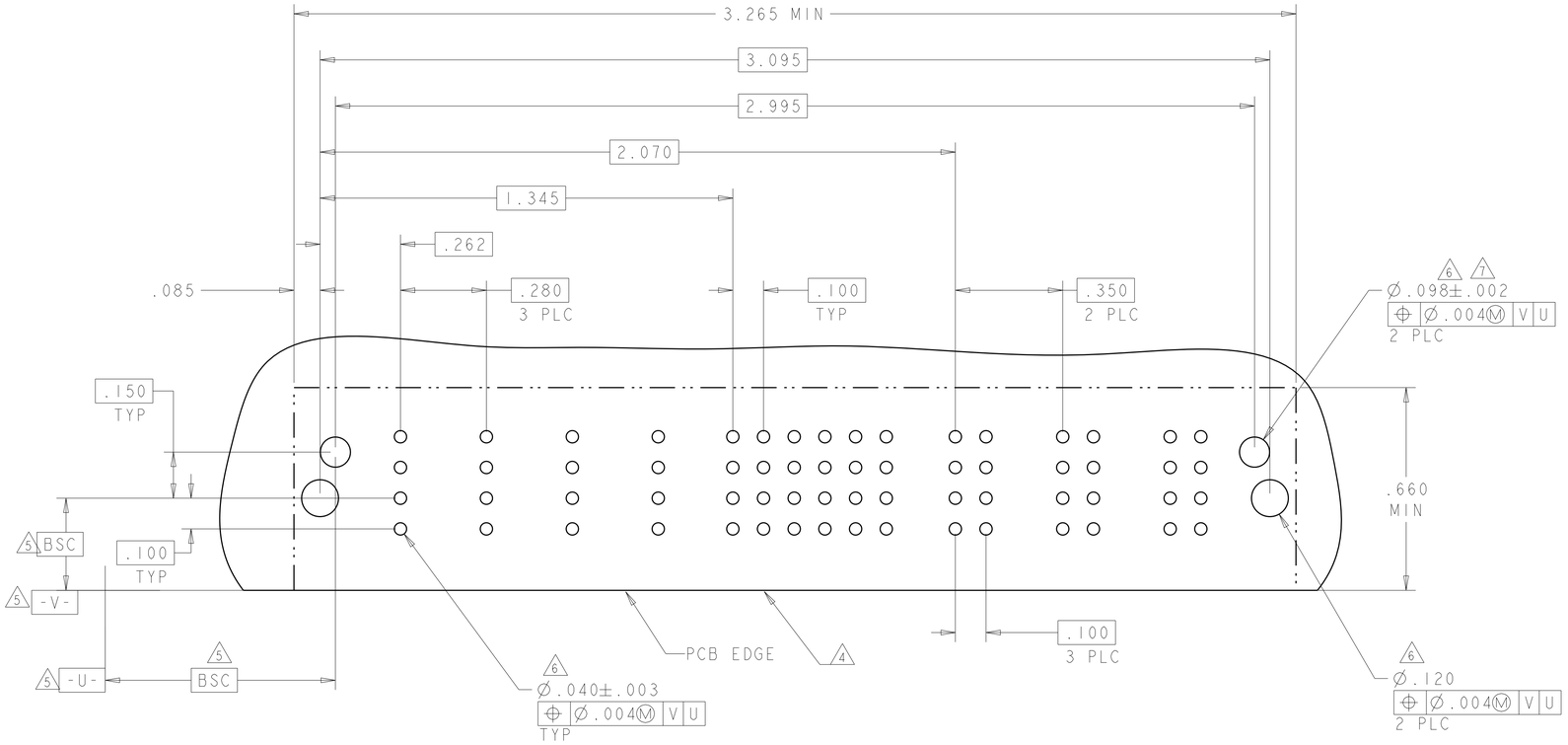


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MATERIAL - -
FINISH - -

DWN S.ZHAO 10APR2007
CHK S.ZHAO 10APR2007
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PRODUCT SPEC 108-2292
APPLICATION SPEC 114-13251
WEIGHT -

TE Connectivity

NAME RIGHT ANGLE WITH SHORT GUIDES AND LP CONTACTS ASSEMBLY MULTI-BEAM XLE

| SIZE | CAGE CODE | DRAWING NO | RESTRICTED TO |
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| A1 | 00779 | C-6450830 | - |

CUSTOMER DRAWING | SCALE 4:1 | SHEET 24 OF 42 | REV S2

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L8

| PART NUMBER | ROWS | | POWER | | | SIGNAL | | | | | | POWER | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | P1 | P2 | P3 | 1 | 2 | 3 | 4 | 5 | 6 | P4 | P5 | P6 | |
| 4-6450830-9 | D | | TM | | TM | | | | J | J | | TM | TM | TM | |
| | C | | | | | | | | K | K | | | | | |
| | B | | | | | | | | G | G | | | | | |
| | A | HD | | | | | | | S | S | | | | | HD |

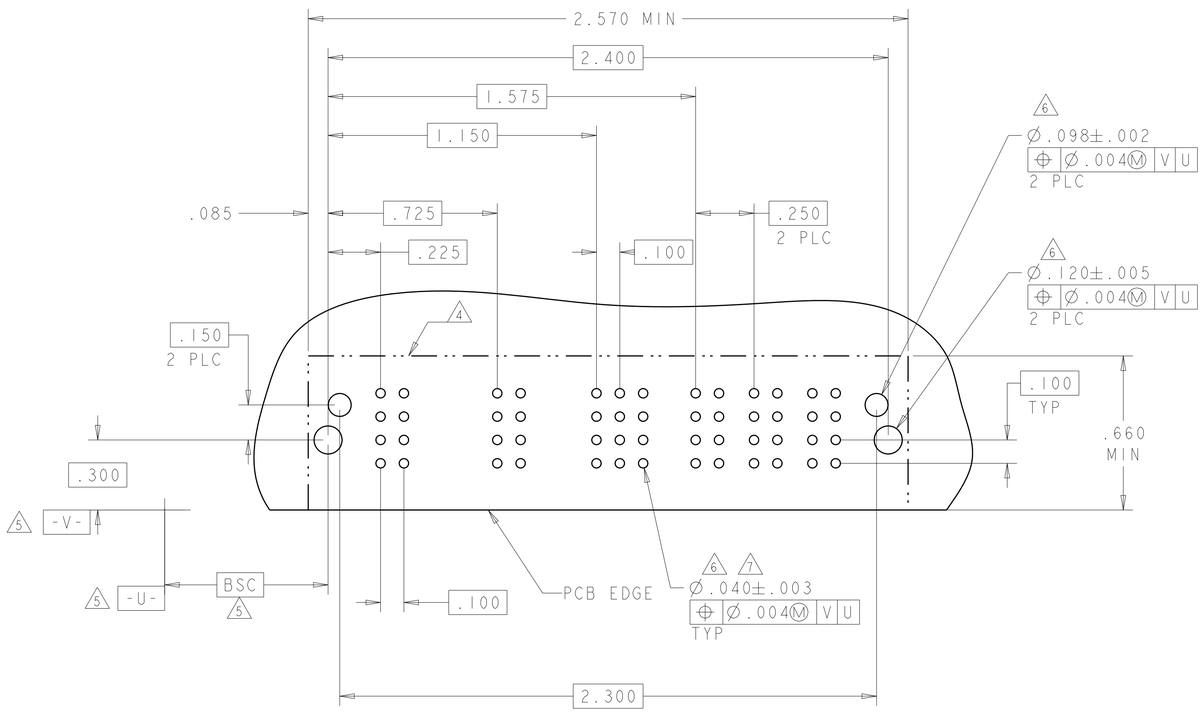
3P + 24S + 3P

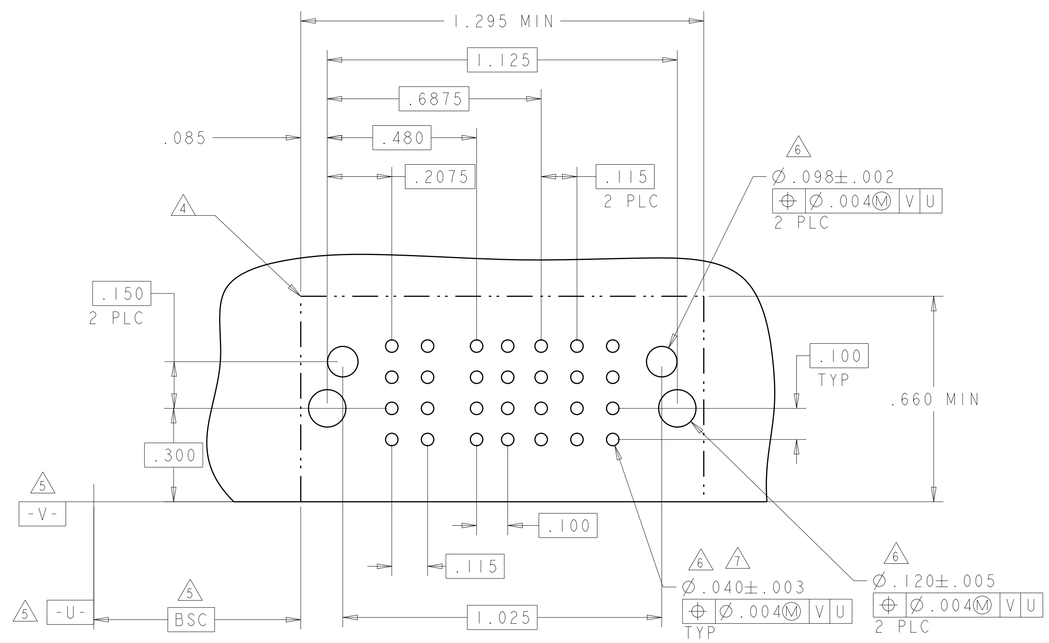
NO CONTACT LOADED

M

| PART NUMBER | ROWS | | POWER | | SIGNAL | | POWER | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | P1 | P2 | 1 | 2 | P3 | P4 | P5 | |
| 5-6450830-0 | D | | LM | LM | J | J | LMF | LMF | LMF | |
| | C | | | | K | K | | | | |
| | B | | | | N | N | | | | |
| | A | HD | | | S | S | | | | HD |

2LP + 8S + 3LP

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3 PLC ±.005
4 PLC ±.0020
ANGLES ±2°

MATERIAL - - -
FINISH - - -

DWN S. ZHAO 10APR2007
CHK S. ZHAO 10APR2007
APVD S. ZHAO -
PRODUCT SPEC 108-2292
APPLICATION SPEC 114-13251
WEIGHT -

TE Connectivity

NAME
RIGHT ANGLE WITH SHORT GUIDES
AND LP CONTACTS ASSEMBLY
MULTI-BEAM XLE

| SIZE | CAGE CODE | DRAWING NO | RESTRICTED TO |
|---|---|---|---|
| A1 | 00779 | C-6450830 | - |

CUSTOMER DRAWING

| SCALE | SHEET | OF | REV |
|---|---|---|---|
| 4:1 | 25 | 42 | S2 |

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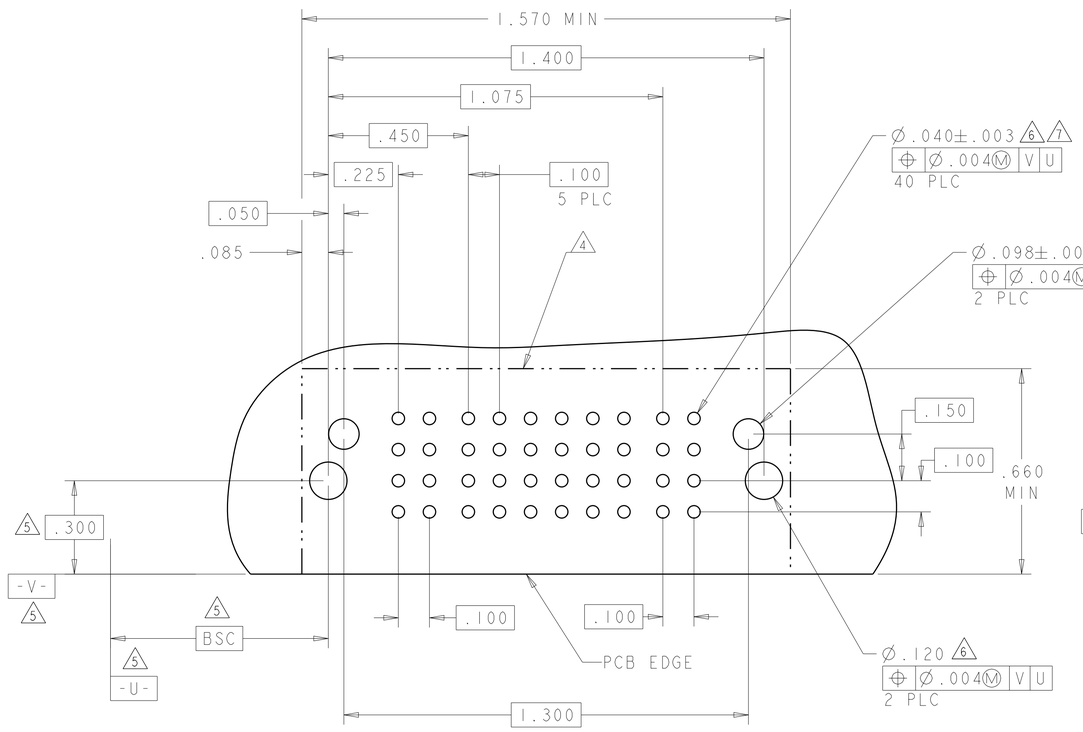
REVISIONS

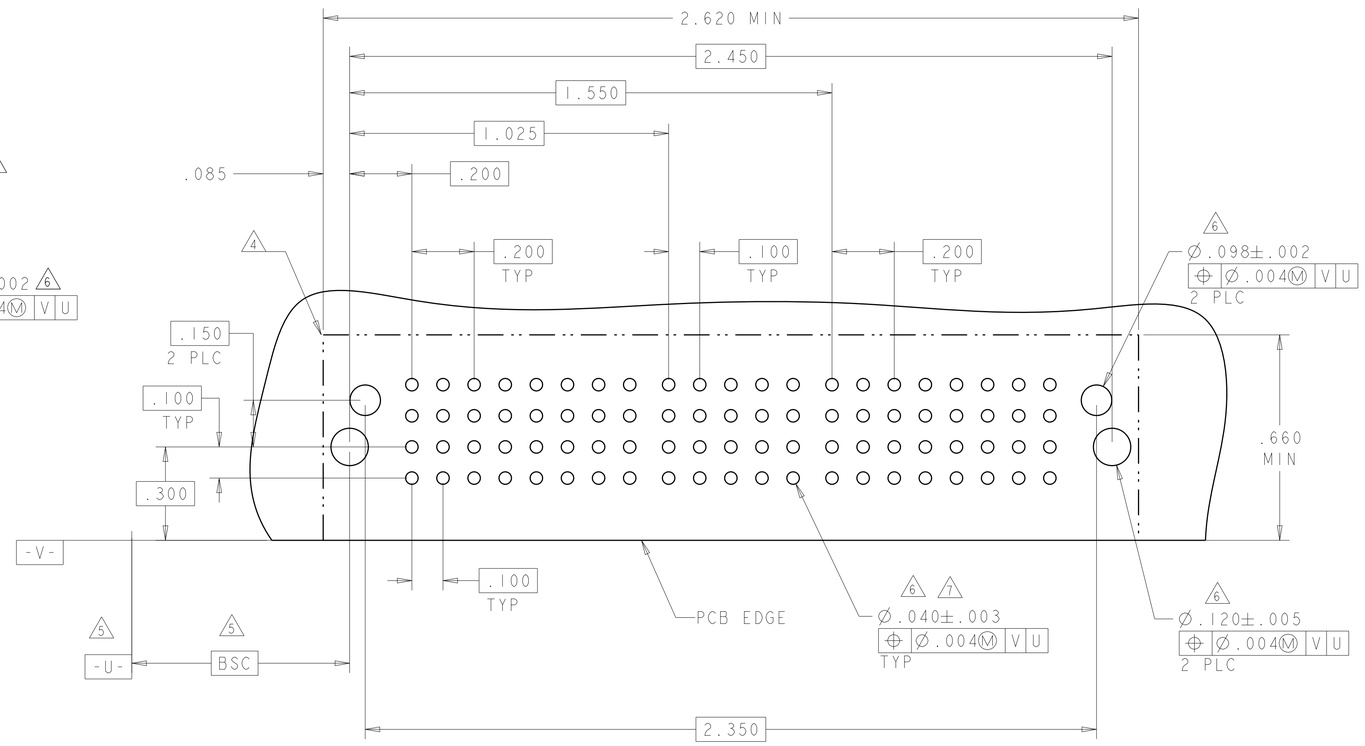
| P | LTR | DESCRIPTION | DATE | DWN | APVD |
|---|---|---|---|---|---|
| | - | SEE SHEET 1 | - | - | - |

| PART NUMBER | ROWS | | POWER P1 | SIGNAL 1 | 2 | 3 | 4 | 5 | 6 | POWER P2 | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 5-6450830-1 | D | | TM | J | J | J | J | J | J | TM | |
| | C | | | K | K | K | K | K | K | | |
| | B | | | N | N | N | N | N | N | | |
| | A | HD | | H | S | S | S | S | S | | HD |
| 1P + 24S + 1P | | | | | | | | | | | |

M4

| PART NUMBER | ROWS | | POWER P1 | P2 | P3 | P4 | SIGNAL 1 | 2 | 3 | 4 | 5 | POWER P5 | P6 | P7 | P8 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 5-6450830-2 | D | | TM | TM | TM | TM | J | J | J | J | J | TM | TM | TM | TM | |
| | C | | | | | | K | K | K | K | K | | | | | |
| | B | | | | | | N | N | N | N | N | | | | | |
| | A | HD | | | | | H | S | S | S | S | | | | | HD |
| 4P + 20S + 4P | | | | | | | | | | | | | | | | |

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2 PLC ±.01
3 PLC ±.005
4 PLC ±.0020
ANGLES ±2°

MATERIAL - -
FINISH - -

DWN S.ZHAO 10APR2007
CHK S.ZHAO 10APR2007
APVD S.ZHAO -
PRODUCT SPEC 108-2292
APPLICATION SPEC 114-13251
WEIGHT -

TE Connectivity

NAME RIGHT ANGLE WITH SHORT GUIDES AND LP CONTACTS ASSEMBLY MULTI-BEAM XLE

| SIZE | CAGE CODE | DRAWING NO | RESTRICTED TO |
|---|---|---|---|
| A1 | 00779 | C-6450830 | - |

WEIGHT - | SCALE 4:1 | SHEET 26 OF 42 | REV S2

CUSTOMER DRAWING

4805 (3/11)

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| P | LTR | DESCRIPTION | DATE | DWN | APVD |
|---|---|---|---|---|---|
| | - | SEE SHEET 1 | - | - | - |

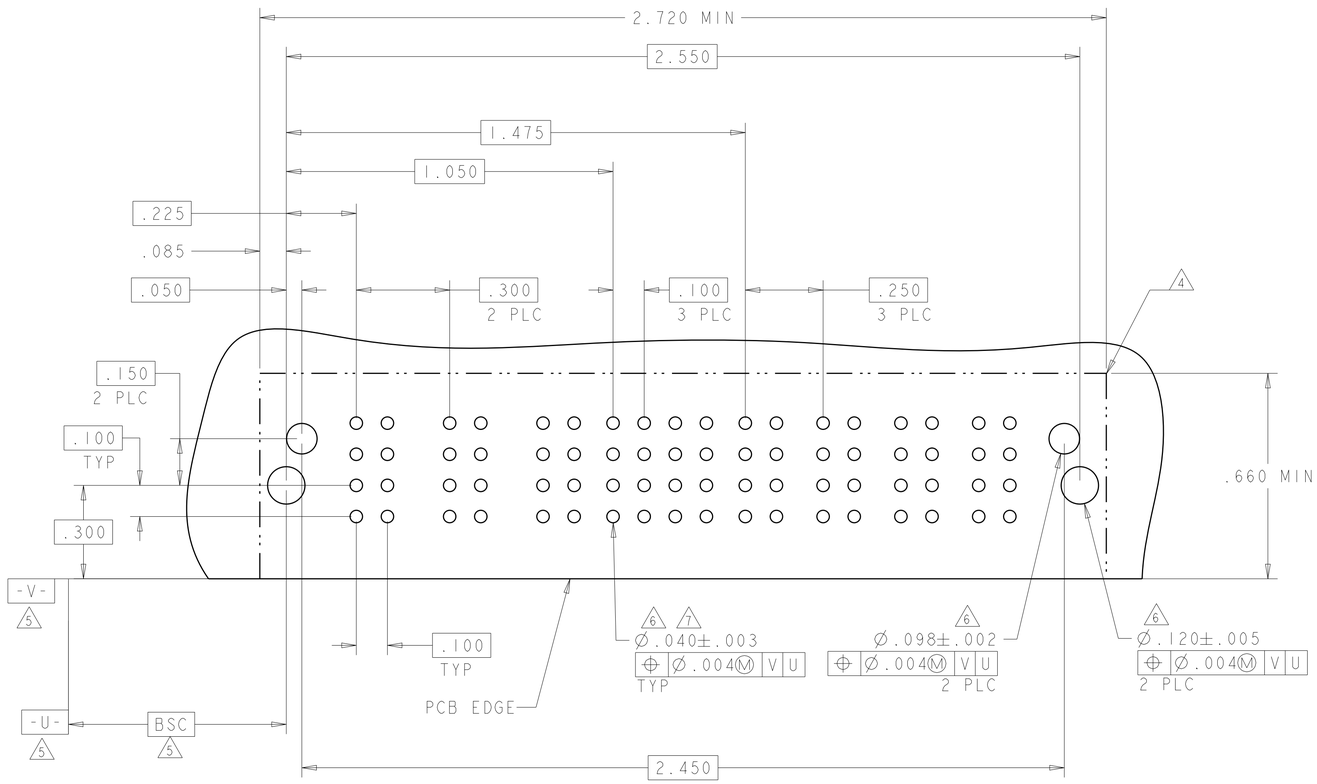
M5

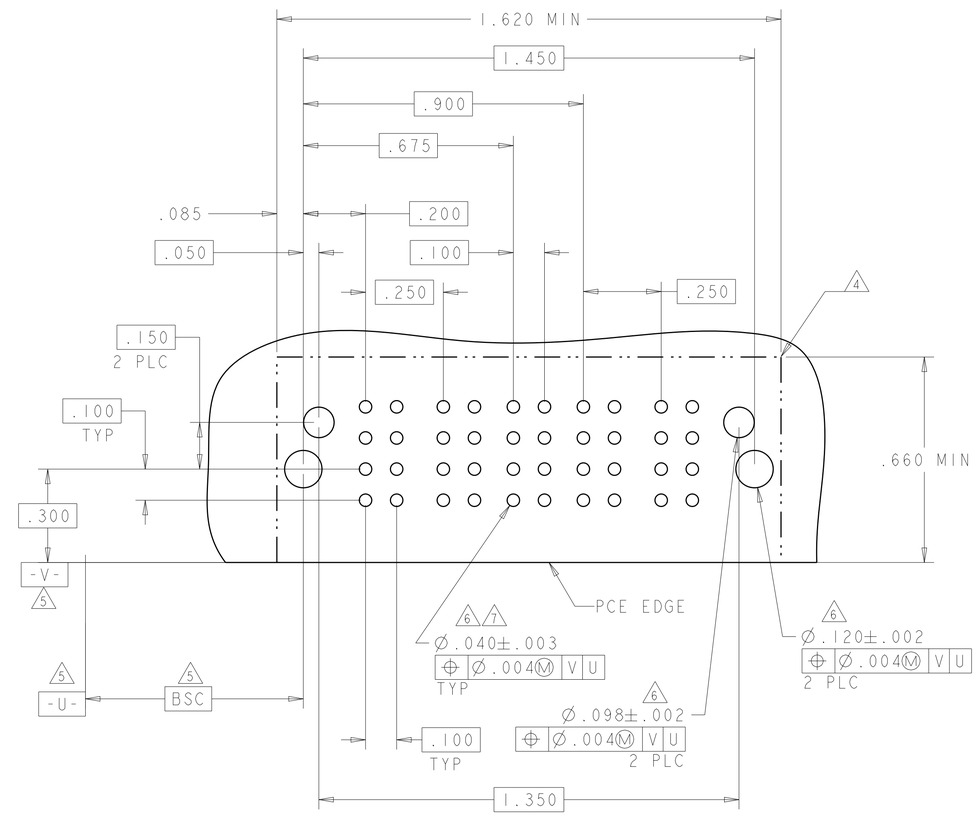
| PART NUMBER | ROWS | | POWER P1 | POWER P2 | POWER P3 | SIGNAL 1 | SIGNAL 2 | SIGNAL 3 | SIGNAL 4 | POWER P4 | POWER P5 | POWER P6 | POWER P7 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 5-6450830-3 | D | | TM | TM | TM | J | J | J | J | TM | TM | TM | TM | |
| | C | | | | | K | K | K | K | | | | | |
| | B | | | | | N | G | N | N | | | | | |
| | A | HD | | | | S | S | S | S | | | | | HD |

3ACP + 16S + 4P

| PART NUMBER | ROWS | | POWER P1 | POWER P2 | SIGNAL 1 | SIGNAL 2 | POWER P4 | POWER P5 | |
|---|---|---|---|---|---|---|---|---|---|
| 5-6450830-4 | D | | TM | TM | J | J | TM | TM | |
| | C | | | | K | K | | | |
| | B | | | | N | N | | | |
| | A | HD | | | S | S | | | HD |

2P + 8S + 2P

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0 PLC ±-
1 PLC ±-
2 PLC ±.01
3 PLC ±.005
4 PLC ±.0020
ANGLES ±2°

MATERIAL - - -
FINISH - - -

DWN S.ZHAO 10APR2007
CHK S.ZHAO 10APR2007
APVD S.ZHAO -
PRODUCT SPEC 108-2292
APPLICATION SPEC 114-13251
WEIGHT -

TE Connectivity

NAME RIGHT ANGLE WITH SHORT GUIDES AND LP CONTACTS ASSEMBLY MULTI-BEAM XLE

| SIZE | CAGE CODE | DRAWING NO | RESTRICTED TO |
|---|---|---|---|
| A1 | 00779 | C-6450830 | - |

CUSTOMER DRAWING SCALE 4:1 SHEET 27 OF 42 REV S2

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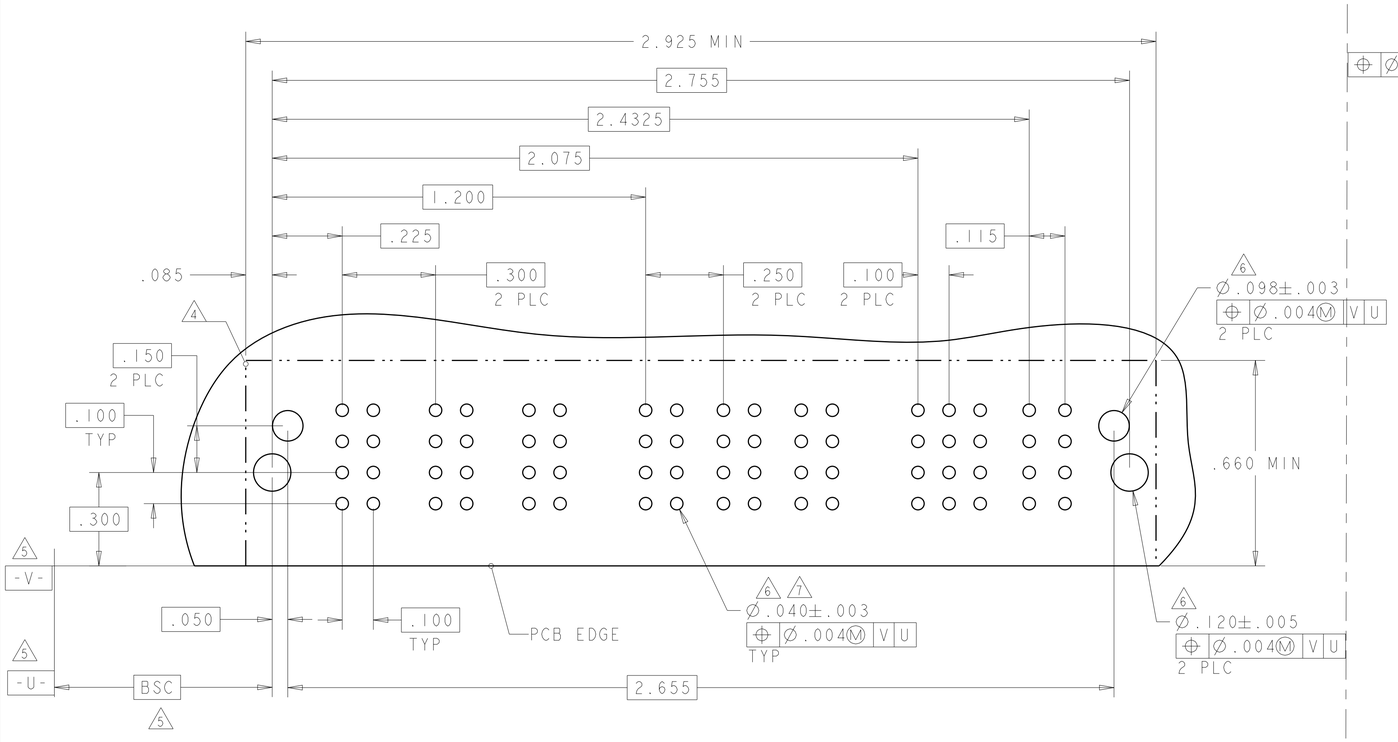
| P | LTR | DESCRIPTION | DATE | DWN | APVD |
|---|---|---|---|---|---|
| | - | SEE SHEET 1 | - | - | - |

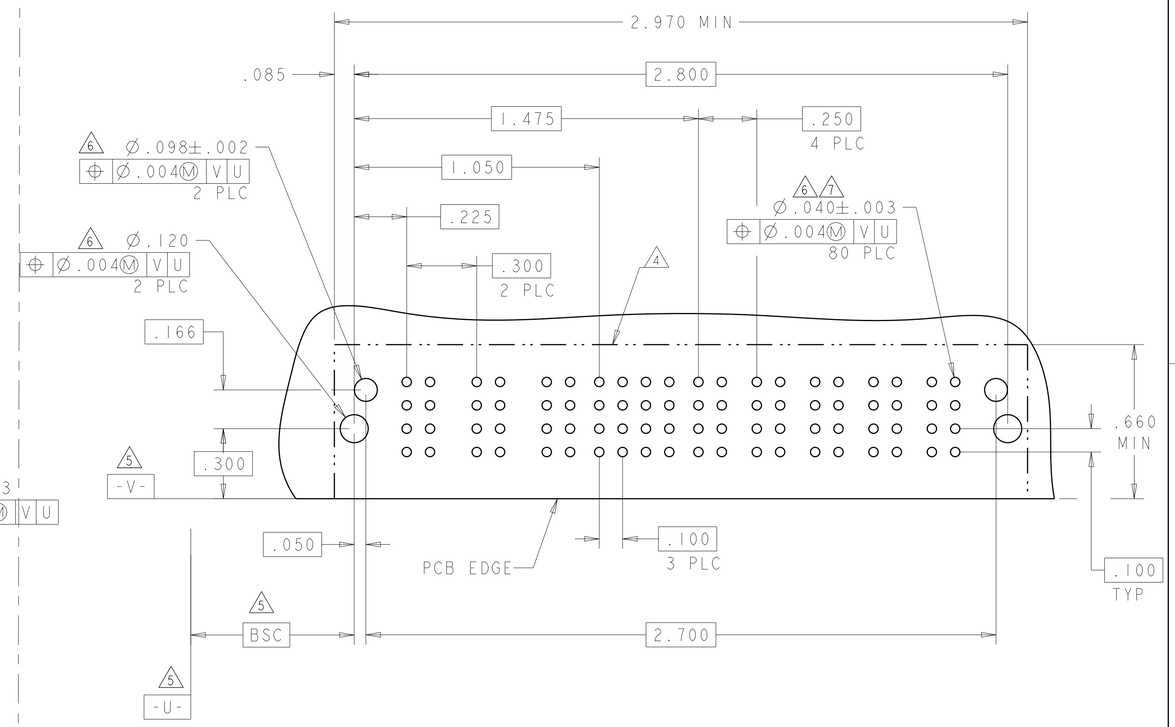
| PART NUMBER | ROWS | | POWER | | | | | | SIGNAL | | | POWER | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | P1 | P2 | P3 | P4 | P5 | P6 | 1 | 2 | 3 | P7 | P8 | |
| 5-6450830-5 | D<br>C<br>B<br>A | HD | TM | TM | TM | TM | TM | TM | J<br>K<br>N<br>S | J<br>K<br>N<br>S | J<br>K<br>N<br>H | LML | LML | HD |
| 3ACP+3P+12S+2LP | | | | | | | | | | | | | | |

8

8
.300
2 PLC

| PART NUMBER | ROWS | | POWER | | | SIGNAL | | | | POWER | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | P1 | P2 | P3 | 1 | 2 | 3 | 4 | P4 | P5 | P6 | P7 | P8 | |
| 5-6450830-6 | D | | TM | TM | TM | J | J | J | J | TM | TM | TM | TM | TM | |
| | C | | | | | K | K | K | K | | | | | | |
| | B | | | | | N | N | N | N | | | | | | |
| | A | HD | | | | S | S | S | S | | | | | | HD |
| 3ACP + 16S + 5P | | | | | | | | | | | | | | | |




| | | | |
|---|---|---|---|
| THIS DRAWING IS A CONTROLLED DOCUMENT. | DWN S.ZHAO 10APR2007 | TE Connectivity | |
| DIMENSIONS: INCHES | CHK S.ZHAO 10APR2007 | NAME RIGHT ANGLE WITH SHORT GUIDES AND LP CONTACTS ASSEMBLY MULTI-BEAM XLE | |
| TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±- 1 PLC ±- 2 PLC ±.01 3 PLC ±.005 4 PLC ±.0020 ANGLES ±2° | APVD S.ZHAO | PRODUCT SPEC 108-2292 | |
| | | APPLICATION SPEC 114-13251 | |
| MATERIAL - - | WEIGHT - | SIZE A1 / CAGE CODE 00779 / DRAWING NO C-6450830 | RESTRICTED TO - |
| FINISH - - | CUSTOMER DRAWING | SCALE 4:1 / SHEET 28 OF 42 | REV S2 |

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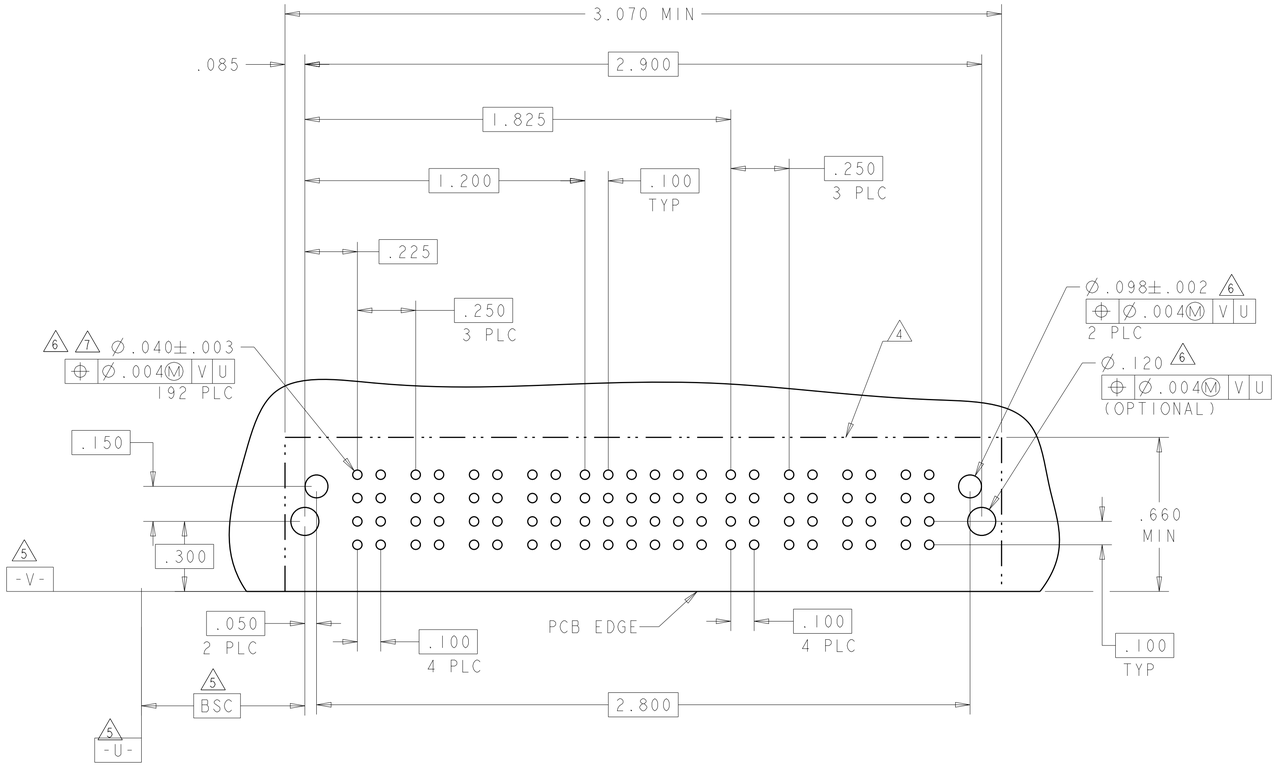
|---|---|---|---|---|---|
| | - | SEE SHEET 1 | - | - | - |

| PART NUMBER | ROWS | | POWER P1 | POWER P2 | POWER P3 | POWER P4 | SIGNAL 1 | SIGNAL 2 | SIGNAL 3 | SIGNAL 4 | SIGNAL 5 | SIGNAL 6 | POWER P5 | POWER P6 | POWER P7 | POWER P8 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 5-6450830-7 | D | | TM | TM | TM | TM | J | J | J | J | J | J | TM | TM | TM | TM | |
| | C | | | | | | K | K | K | K | K | K | | | | | |
| | B | | | | | | N | N | N | N | N | N | | | | | |
| | A | HD | | | | | S | S | S | S | S | H | | | | | HD |
| 4P + 24S + 4P | | | | | | | | | | | | | | | | | |

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ANGLES ±2°

MATERIAL - -
FINISH - -

DWN S. ZHAO 10APR2007
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| SIZE | CAGE CODE | DRAWING NO | RESTRICTED TO |
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| A1 | 00779 | C-6450830 | - |

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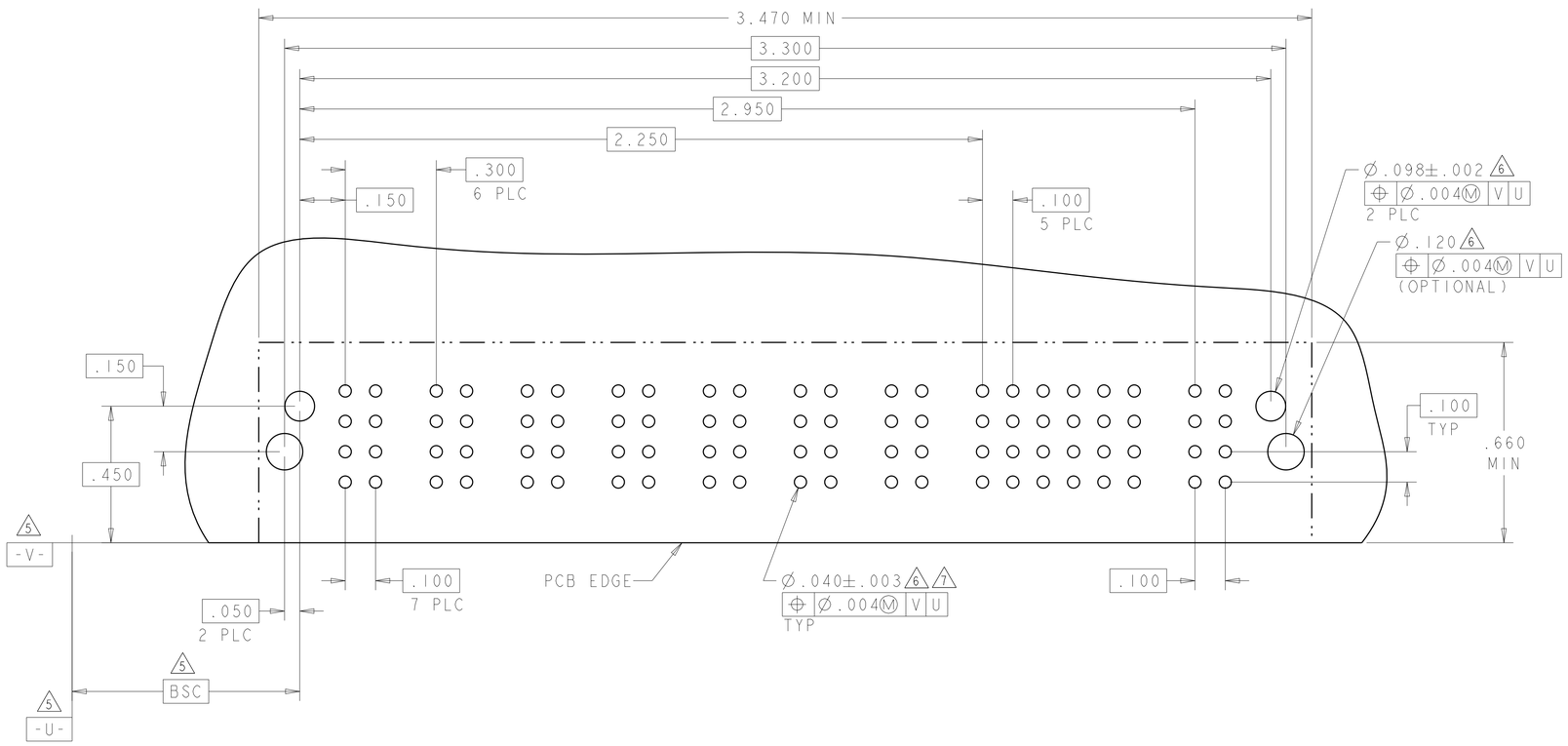
|---|---|---|---|---|---|
| | - | SEE SHEET 1 | - | - | - |

N6

| PART NUMBER | ROWS | | POWER | | | | | | | SIGNAL | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | P1 | P2 | P3 | P4 | P5 | P6 | P7 | 1 | 2 | 3 | 4 | 5 | 6 | P8 | |
| 5-6450830-8 | D | | TM | TM | TM | TM | TM | TM | TM | FJ | FJ | FJ | FJ | FJ | FJ | TM | |
| | C | | | | | | | | | K | K | K | K | K | K | | |
| | B | | | | | | | | | N | N | N | N | N | N | | |
| | A | HD | | | | | | | | S | S | S | S | S | S | | HD |
| 7ACP + 24S + 1P | | | | | | | | | | | | | | | | | |

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ANGLES ±2°

MATERIAL - -
FINISH - -

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APVD S.ZHAO -
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| SIZE | CAGE CODE | DRAWING NO | RESTRICTED TO |
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| A1 | 00779 | C-6450830 | - |

CUSTOMER DRAWING

| SCALE | SHEET | OF | REV |
|---|---|---|---|
| 4:1 | 30 | 42 | S2 |

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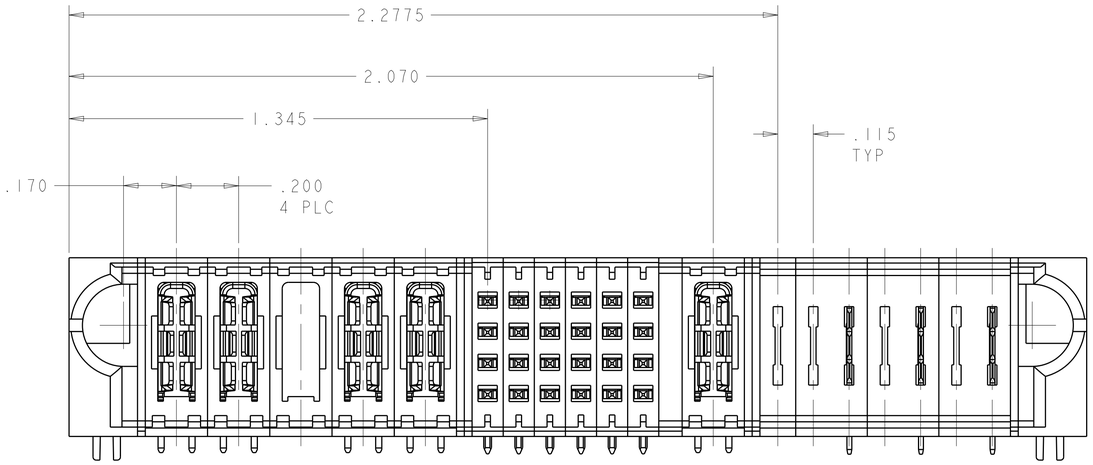
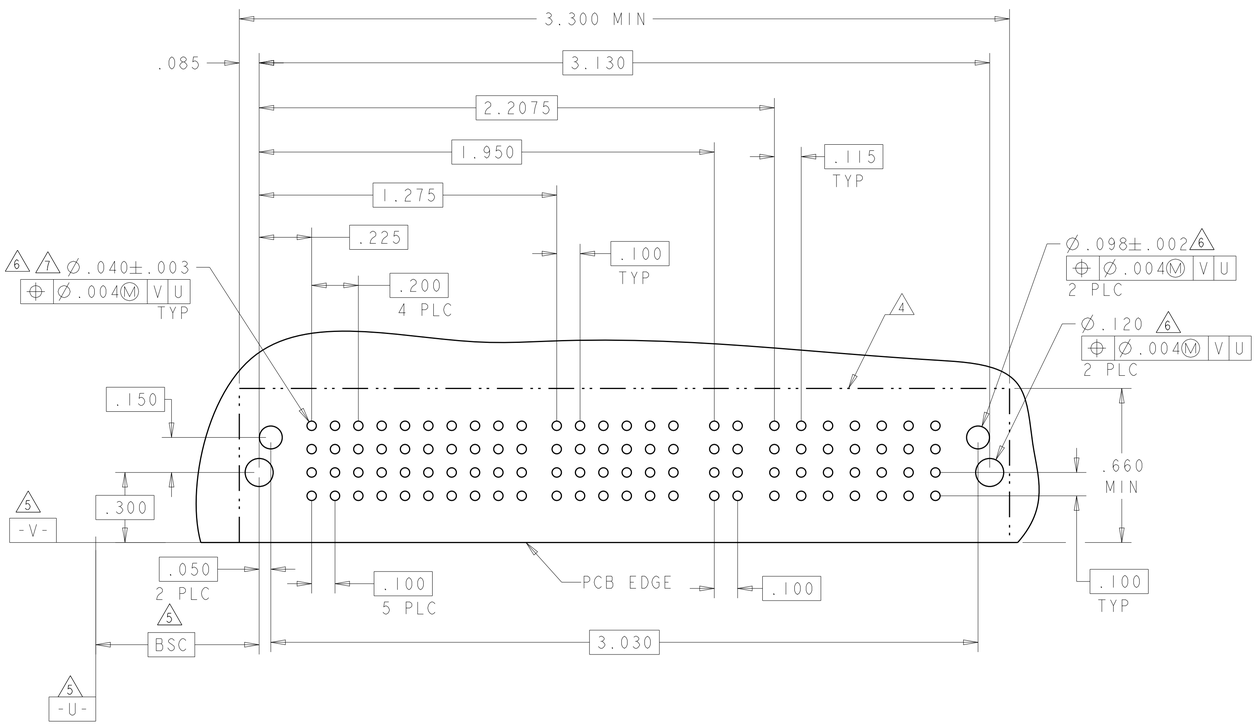
| P | LTR | DESCRIPTION | DATE | DWN | APVD |
|---|---|---|---|---|---|
| | - | SEE SHEET 1 | - | - | - |

| PART NUMBER | ROWS | | POWER | | | | | SIGNAL | | | | | | POWER | LOW POWER | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | P1 | P2 | P3 | P4 | P5 | 1 | 2 | 3 | 4 | 5 | 6 | P6 | LP1 | LP2 | LP3 | LP4 | LP5 | LP6 | LP7 | |
| 6-6450830-2 | D | | TM | TM | | TM | TM | J | J | J | J | J | J | TM | | | LM | | LM | | LM | |
| | C | | | | | | | K | K | K | K | K | K | | | | | | | | | |
| | B | | | | | | | N | N | N | N | N | N | | | | | | | | | |
| | A | HD | | | | | | S | S | S | S | S | S | | | | | | | | | HD |

5HDP + 24S + 1P + 7LP

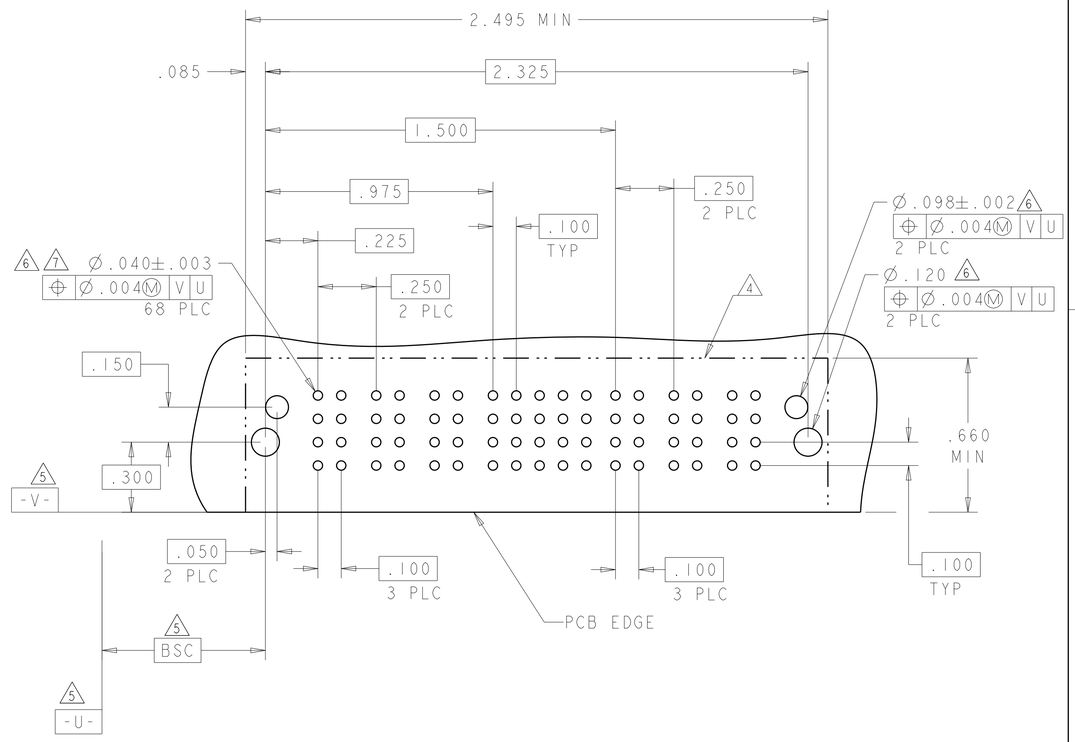
NO CONTACTS LOADED




| PART NUMBER | ROWS | | POWER | | | SIGNAL | | | | | POWER | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | P1 | P2 | P3 | 1 | 2 | 3 | 4 | 5 | P4 | P5 | P6 | |
| 6-6450830-4 | D | | TM | TM | TM | J | J | J | J | J | TM | TM | TM | |
| | C | | | | | K | K | K | K | K | | | | |
| | B | | | | | N | N | N | N | N | | | | |
| | A | HD | | | | S | S | S | S | S | | | | HD |

3P + 20S + 3P

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DIMENSIONS: INCHES

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ±-
1 PLC ±-
2 PLC ±.01
3 PLC ±.005
4 PLC ±.0020
ANGLES ±2°

MATERIAL - -
FINISH - -

| | | |
|---|---|---|
| DWN | S.ZHAO | 10APR2007 |
| CHK | S.ZHAO | 10APR2007 |
| APVD | S.ZHAO | - |
| PRODUCT SPEC | 108-2292 | |
| APPLICATION SPEC | 114-13251 | |
| WEIGHT | - | |

TE Connectivity

NAME: RIGHT ANGLE WITH SHORT GUIDES AND LP CONTACTS ASSEMBLY MULTI-BEAM XLE

| SIZE | CAGE CODE | DRAWING NO | RESTRICTED TO |
|---|---|---|---|
| A1 | 00779 | C-6450830 | - |

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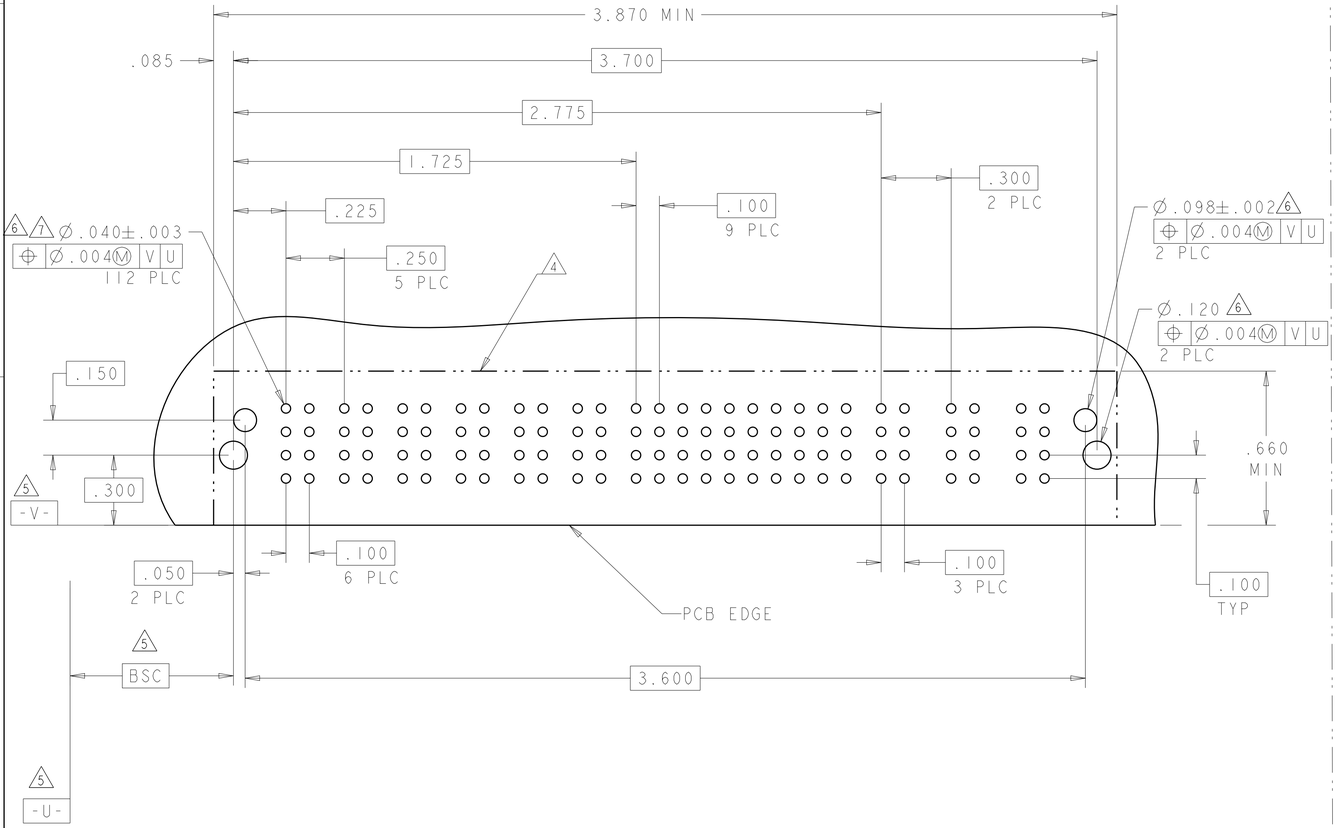
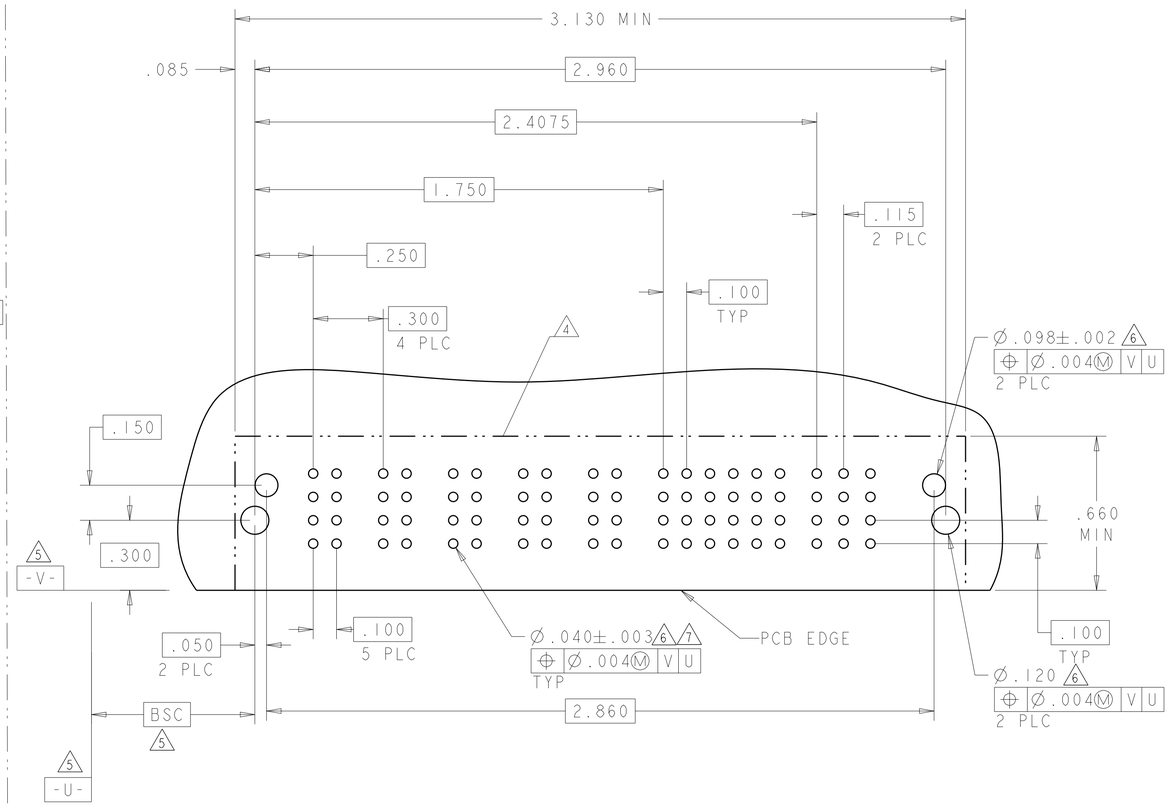
| P | LTR | DESCRIPTION | DATE | DWN | APVD |
|---|---|---|---|---|---|
| | - | SEE SHEET 1 | - | - | - |

| PART NUMBER | ROWS | | POWER | | | | | | SIGNAL | | | | | | POWER | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | P1 | P2 | P3 | P4 | P5 | P6 | 1 | 2 | 3 | 4 | 5 | 6 | P7 | P8 | P9 | |
| 6-6450830-3 | D | | TM | TM | TM | TM | TM | TM | J | J | J | J | J | J | TM | TM | TM | |
| | C | | | | | | | | K | K | K | K | K | K | | | | |
| | B | | | | | | | | N | N | N | N | N | N | | | | |
| | A | HD | | | | | | | S | S | S | S | S | S | | | | HD |
| 6P + 40S + 3ACP | | | | | | | | | | | | | | | | | | |




| PART NUMBER | ROWS | | POWER | | | | | SIGNAL | | | | | | POWER | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | P1 | P2 | P3 | P4 | P5 | 1 | 2 | 3 | 4 | 5 | 6 | LP1 | LP2 | LP3 | LP4 | |
| 6-6450830-6 | D | | TM | TM | TM | TM | TM | J | J | J | J | J | J | LMF | LM | LM | | |
| | C | | | | | | | K | K | K | K | K | K | | | | | |
| | B | | | | | | | N | N | N | N | N | N | | | | | |
| | A | HD | | | | | | S | S | S | S | S | S | | | | | HD |
| 5ACP + 24S + 4LP | | | | | | | | | | | | | | | | | | |

NO CONTACTS LOADED

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0 PLC ±-
1 PLC ±-
2 PLC ±.01
3 PLC ±.005
4 PLC ±.0020
ANGLES ±2°

MATERIAL - - -
FINISH - -

DWN S. ZHAO 10APR2007
CHK S. ZHAO 10APR2007
APVD S. ZHAO -
PRODUCT SPEC 108-2292
APPLICATION SPEC 114-13251
WEIGHT -

TE Connectivity

NAME RIGHT ANGLE WITH SHORT GUIDES AND LP CONTACTS ASSEMBLY MULTI-BEAM XLE

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|---|---|---|---|
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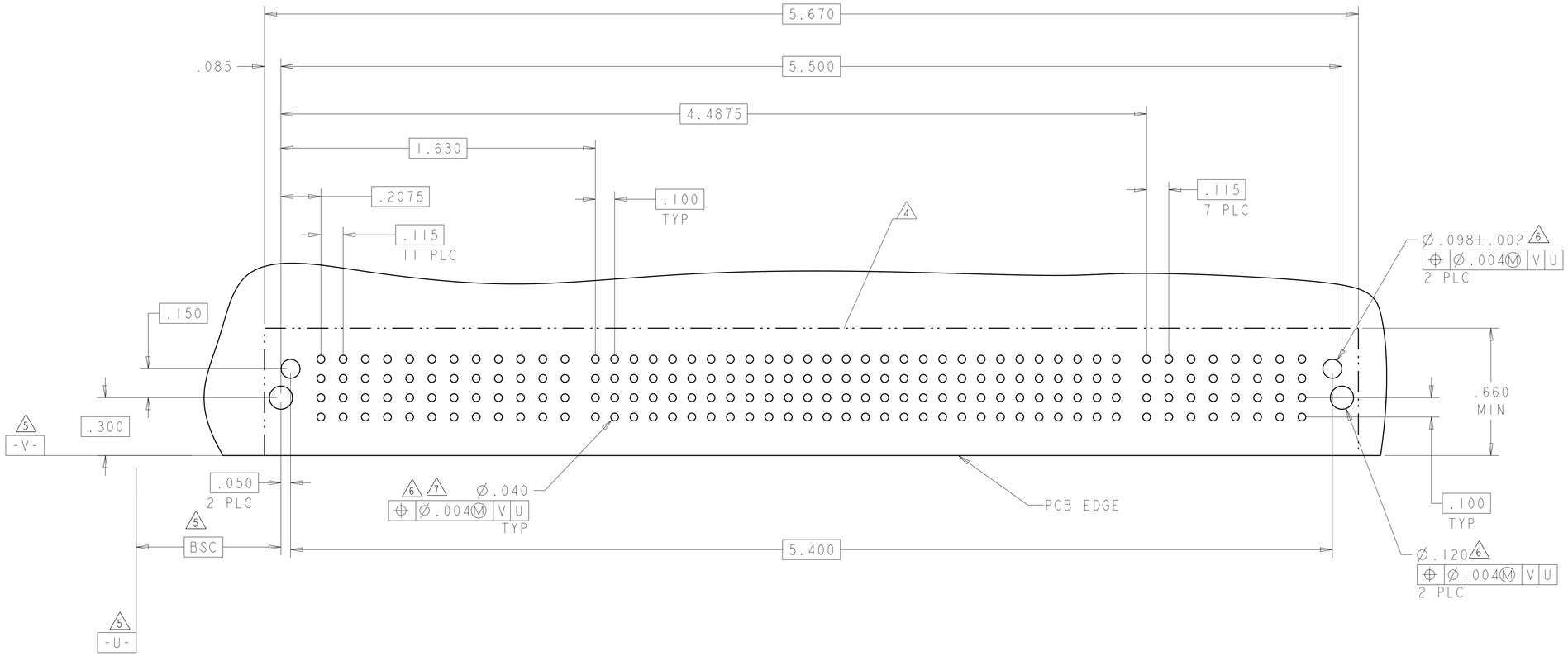
| | - | SEE SHEET 1 | - | - | - |

| PART NUMBER | ROWS | | LOW POWER | | | | | | | | | | | | SIGNAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | LOW POWER | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | LP1 | LP2 | LP3 | LP4 | LP5 | LP6 | LP7 | LP8 | LP9 | LP10 | LP11 | LP12 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | LP13 | LP14 | LP15 | LP16 | LP16 | LP17 | LP18 | |
| 6-6450830-7 | D | | LM | LM | LM | LM | LM | LM | LM | LM | LM | LM | LM | LM | J | J | J | J | J | J | J | J | J | J | J | J | J | J | J | J | J | J | J | J | J | J | J | J | J | J | J | J | LM | LM | LM | LM | LM | LM | LM | |
| | C | | | | | | | | | | | | | | K | K | K | K | K | K | K | K | K | K | K | K | K | K | K | K | K | K | K | K | K | K | K | K | K | K | K | K | | | | | | | | |
| | B | | | | | | | | | | | | | | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | | | | | | | | |
| | A | HD | | | | | | | | | | | | | S | S | S | S | S | S | S | S | S | S | S | S | S | S | S | S | S | S | S | S | S | S | S | S | S | S | S | S | | | | | | | | HD |
| 12LP + 112S + 8LP | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

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3 PLC ±.005
4 PLC ±.0020
ANGLES ±2°

MATERIAL - -
FINISH - -

DWN S.ZHAO 10APR2007
CHK S.ZHAO 10APR2007
APVD S.ZHAO -
PRODUCT SPEC 108-2292
APPLICATION SPEC 114-13251
WEIGHT -

TE Connectivity

NAME RIGHT ANGLE WITH SHORT GUIDES AND LP CONTACTS ASSEMBLY MULTI-BEAM XLE

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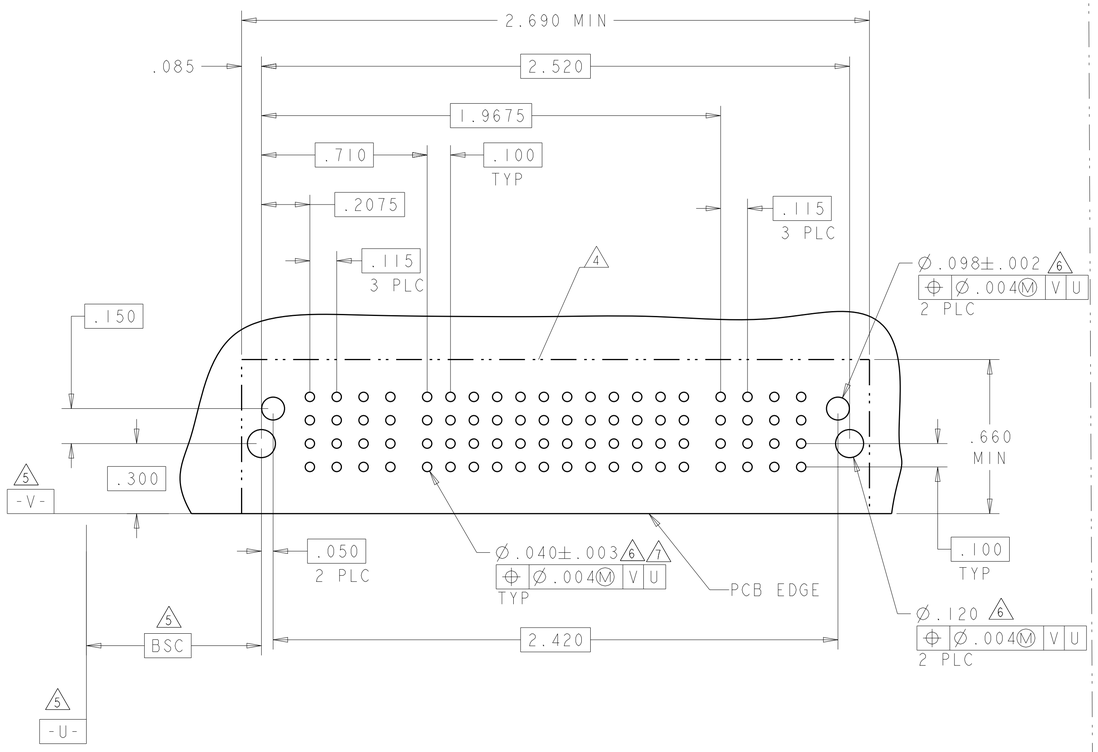
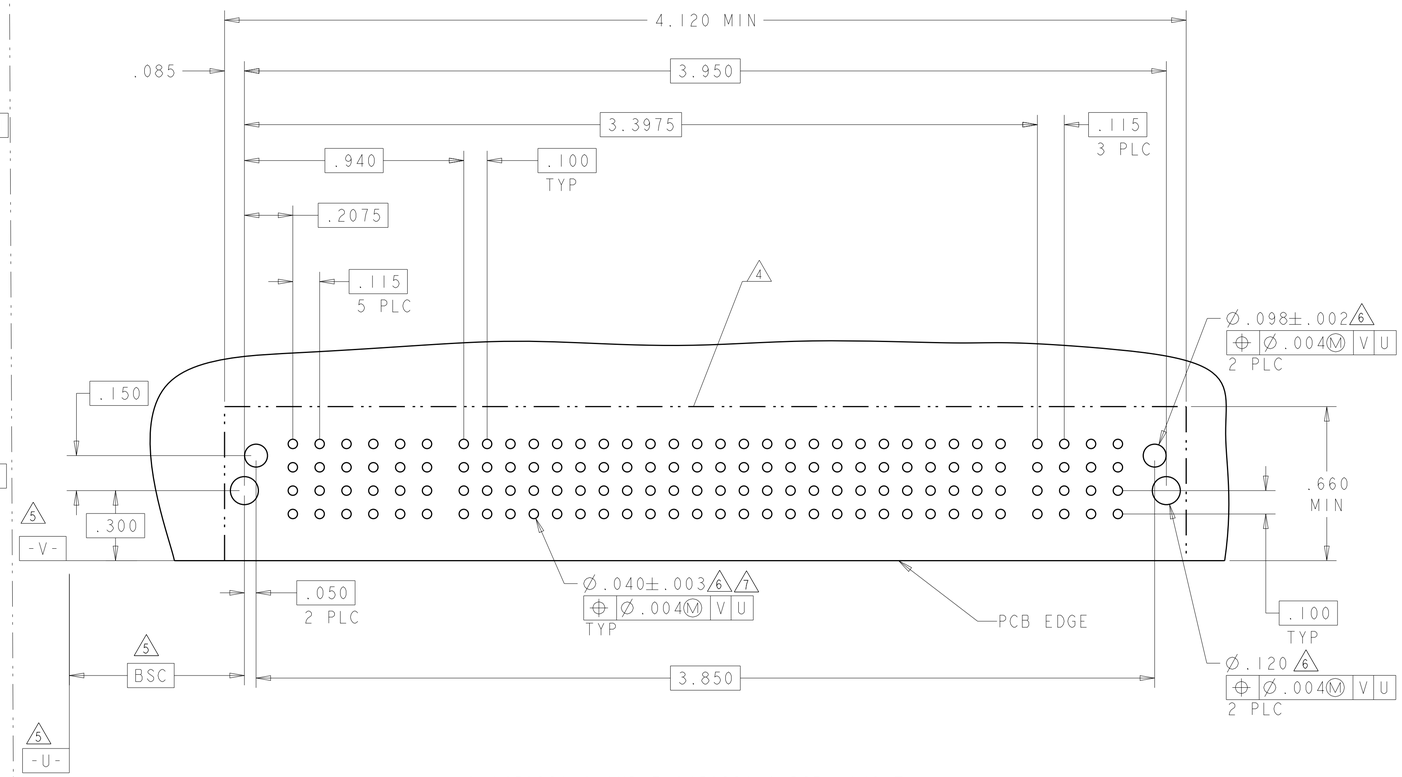
| | - | SEE SHEET 1 | - | - | - |

| PART NUMBER | ROWS | | LOW POWER | | | | SIGNAL | | | | | | | | | | | | LOW POWER | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | LP1 | LP2 | LP3 | LP4 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | LP5 | LP6 | LP7 | LP8 | |
| 6-6450830-8 | D | | LMF | LM | LM | LM | J | J | J | J | J | J | J | J | J | J | J | J | LMF | LM | LM | LM | |
| | C | | | | | | K | K | K | K | K | K | K | K | K | K | K | K | | | | | |
| | B | | | | | | N | N | N | N | N | N | N | N | N | N | N | N | | | | | |
| | A | HD | | | | | S | S | S | S | S | S | S | S | S | S | S | S | | | | | HD |
| 4LP + 48S + 4LP | | | | | | | | | | | | | | | | | | | | | | | |

| PART NUMBER | ROWS | | LOW POWER | | | | | | SIGNAL | | | | | | | | | | | | | | | | | | | | | | | | LOW POWER | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | LP1 | LP2 | LP3 | LP4 | LP5 | LP6 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 20 | 21 | 22 | 23 | 24 | LP7 | LP8 | LP9 | LP10 | |
| 6-6450830-9 | D | | LMF | LM | LM | LM | LMF | LM | J | J | J | J | J | J | J | J | J | J | J | J | J | J | J | J | J | J | J | J | J | J | J | J | LMF | LM | LM | LM | |
| | C | | | | | | | | K | K | K | K | K | K | K | K | K | K | K | K | K | K | K | K | K | K | K | K | K | K | K | | | | | |
| | B | | | | | | | | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | | | | | |
| | A | HD | | | | | | | S | S | S | S | S | S | S | S | S | S | S | S | S | S | S | S | S | S | S | S | S | S | S | | | | | HD |
| 6LP + 96S + 4LP | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| PART NUMBER | ROWS | | LOW POWER | | | | | | SIGNAL | | | | | | | | | | | | | | | | | | | | | | | | LOW POWER | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | LP1 | LP2 | LP3 | LP4 | LP5 | LP6 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 20 | 21 | 22 | 23 | 24 | LP7 | LP8 | LP9 | LP10 | |
| 7-6450830-0 | D | | LM | LM | LMF | LM | LM | LM | J | J | J | J | J | J | J | J | J | J | J | J | J | J | J | J | J | J | J | J | J | J | J | J | LMF | LM | LM | LM | |
| | C | | | | | | | | K | K | K | K | K | K | K | K | K | K | K | K | K | K | K | K | K | K | K | K | K | K | K | | | | | |
| | B | | | | | | | | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | | | | | |
| | A | HD | | | | | | | S | S | S | S | S | S | S | S | S | S | S | S | S | S | S | S | S | S | S | S | S | S | S | | | | | HD |
| 6LP + 96S + 4LP | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |




6-6450830-9 AND 7-6450830-9 PCB LAYOUT

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DIMENSIONS: INCHES

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ±-
1 PLC ±-
2 PLC ±.01
3 PLC ±.005
4 PLC ±.0020
ANGLES ±2°

MATERIAL - -
FINISH - -

DWN S.ZHAO 10APR2007
CHK S.ZHAO 10APR2007
APVD S.ZHAO -
PRODUCT SPEC 108-2292
APPLICATION SPEC 114-13251
WEIGHT -

CUSTOMER DRAWING

TE Connectivity

NAME RIGHT ANGLE WITH SHORT GUIDES AND LP CONTACTS ASSEMBLY MULTI-BEAM XLE

| SIZE | CAGE CODE | DRAWING NO | RESTRICTED TO |
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|---|---|---|---|---|---|
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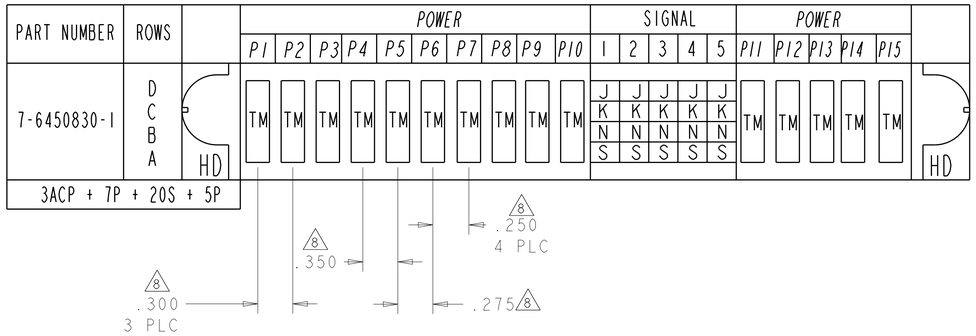


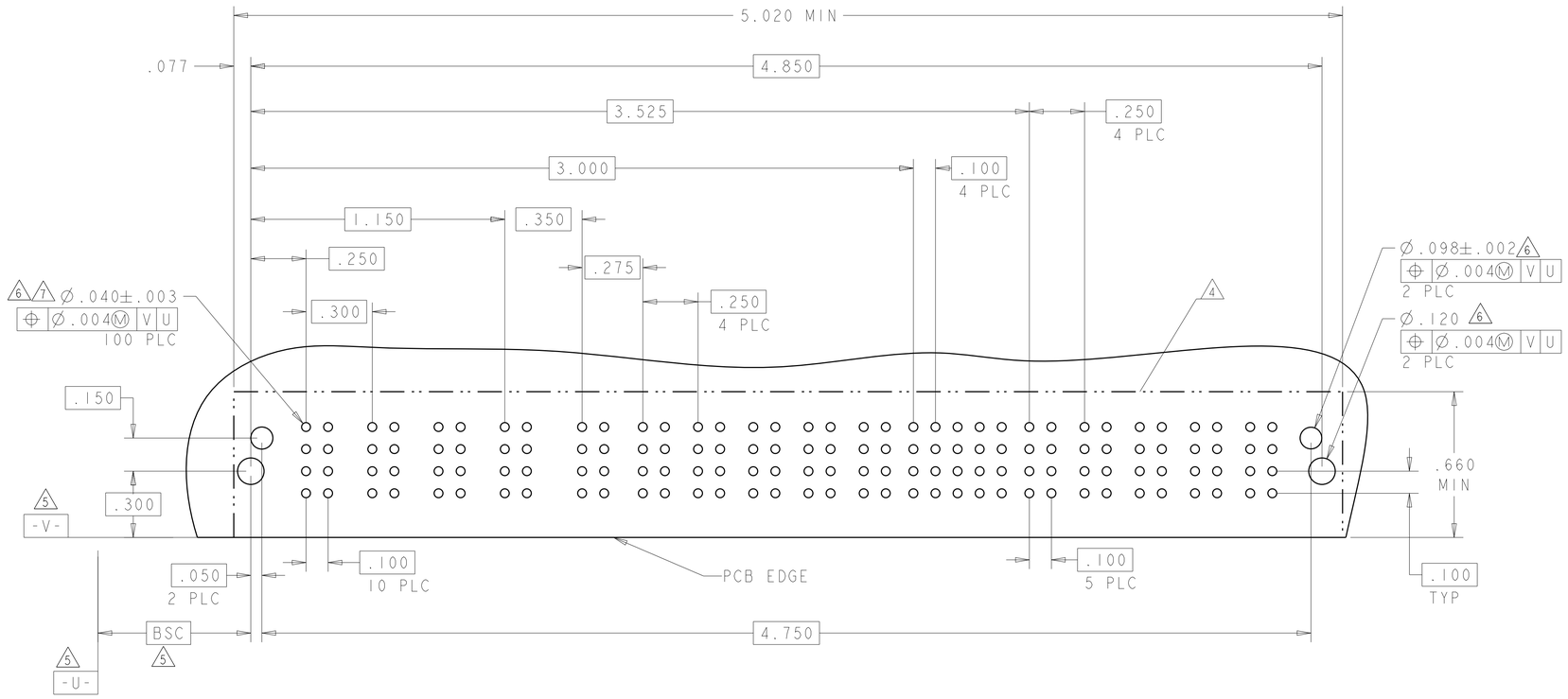


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0 PLC ±
1 PLC ±
2 PLC ±.01
3 PLC ±.005
4 PLC ±.0020
ANGLES ±2°

MATERIAL - -
FINISH - -

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CHK S. ZHAO 10APR2007
APVD S. ZHAO -
PRODUCT SPEC 108-2292
APPLICATION SPEC 114-13251
WEIGHT -

TE Connectivity

NAME RIGHT ANGLE WITH SHORT GUIDES AND LP CONTACTS ASSEMBLY MULTI-BEAM XLE

| SIZE | CAGE CODE | DRAWING NO | RESTRICTED TO |
|---|---|---|---|
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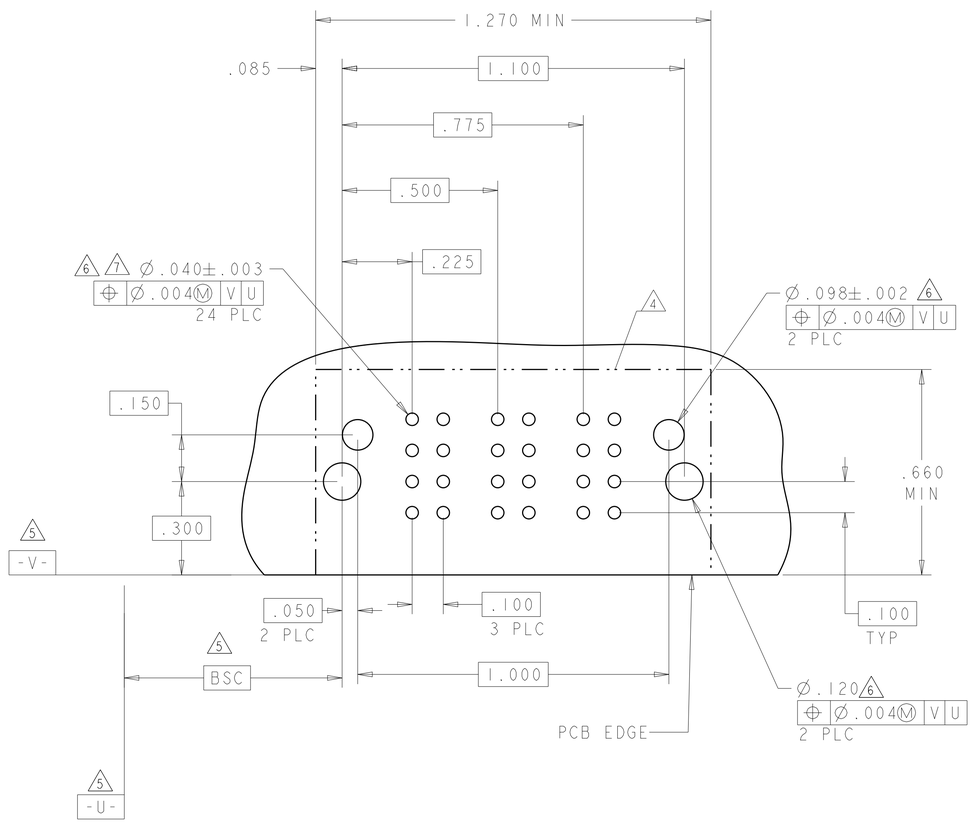
| P | LTR | DESCRIPTION | DATE | DWN | APVD |
|---|---|---|---|---|---|
| | - | SEE SHEET 1 | - | - | - |

| PART NUMBER | ROWS | POWER P1 | SIGNAL 1 | SIGNAL 2 | POWER P2 |
|---|---|---|---|---|---|
| 7-6450830-2 | D C B A | TM | J K N S | J K N S | TM |

HD HD

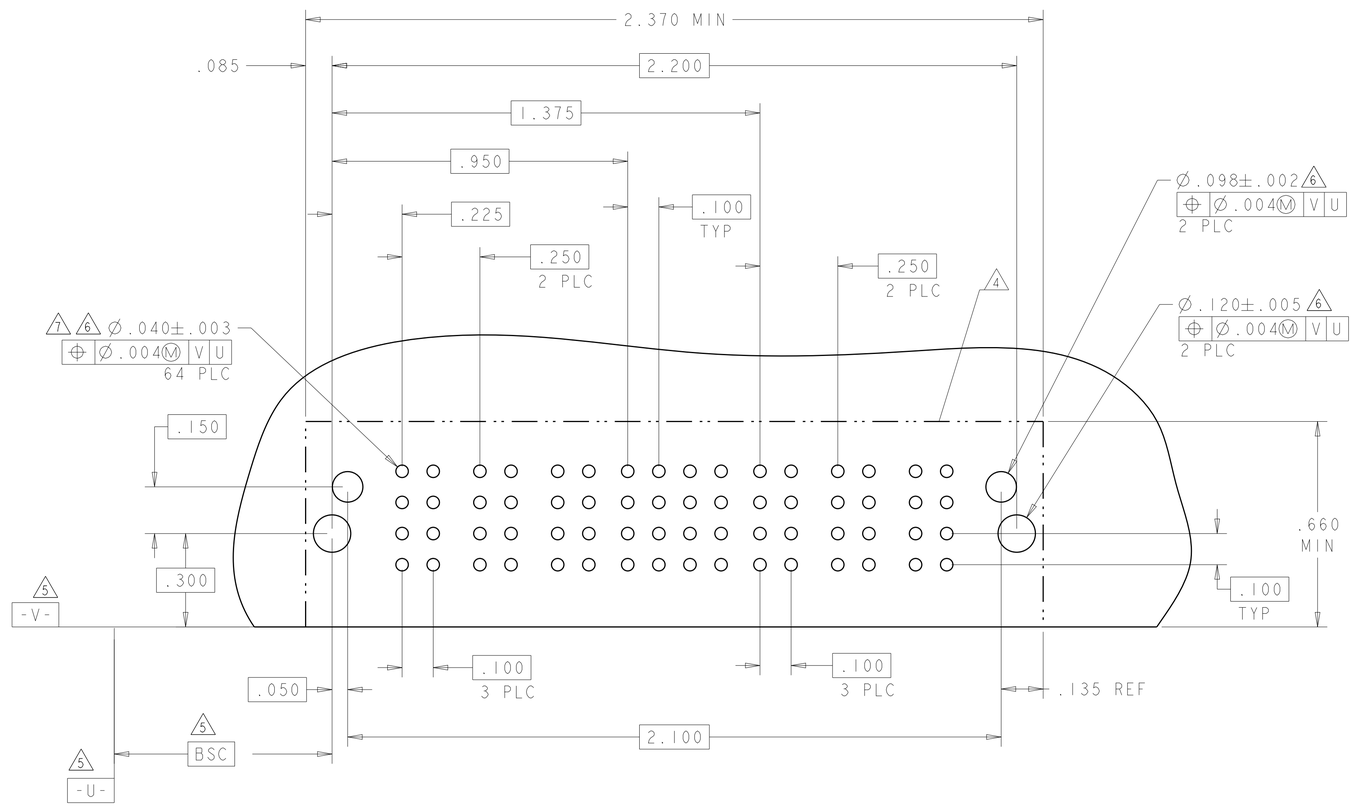
1P + 8S + 1P




| PART NUMBER | ROWS | POWER P1 | POWER P2 | POWER P3 | SIGNAL 1 | SIGNAL 2 | SIGNAL 3 | SIGNAL 4 | POWER P4 | POWER P5 | POWER P6 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 7-6450830-3 | D C B A | TM | TM | TM | J K N S | J K N H | J K N H | J K N S | TM | TM | TM |

HD HD

3P + 16S + 3P

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3 PLC ±.005
4 PLC ±.0020
ANGLES ±2°

MATERIAL - -
FINISH - -

DWN S. ZHAO 10APR2007
CHK S. ZHAO 10APR2007
APVD S. ZHAO -
PRODUCT SPEC 108-2292
APPLICATION SPEC 114-13251
WEIGHT -

TE Connectivity

NAME RIGHT ANGLE WITH SHORT GUIDES AND LP CONTACTS ASSEMBLY MULTI-BEAM XLE

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CUSTOMER DRAWING

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R3

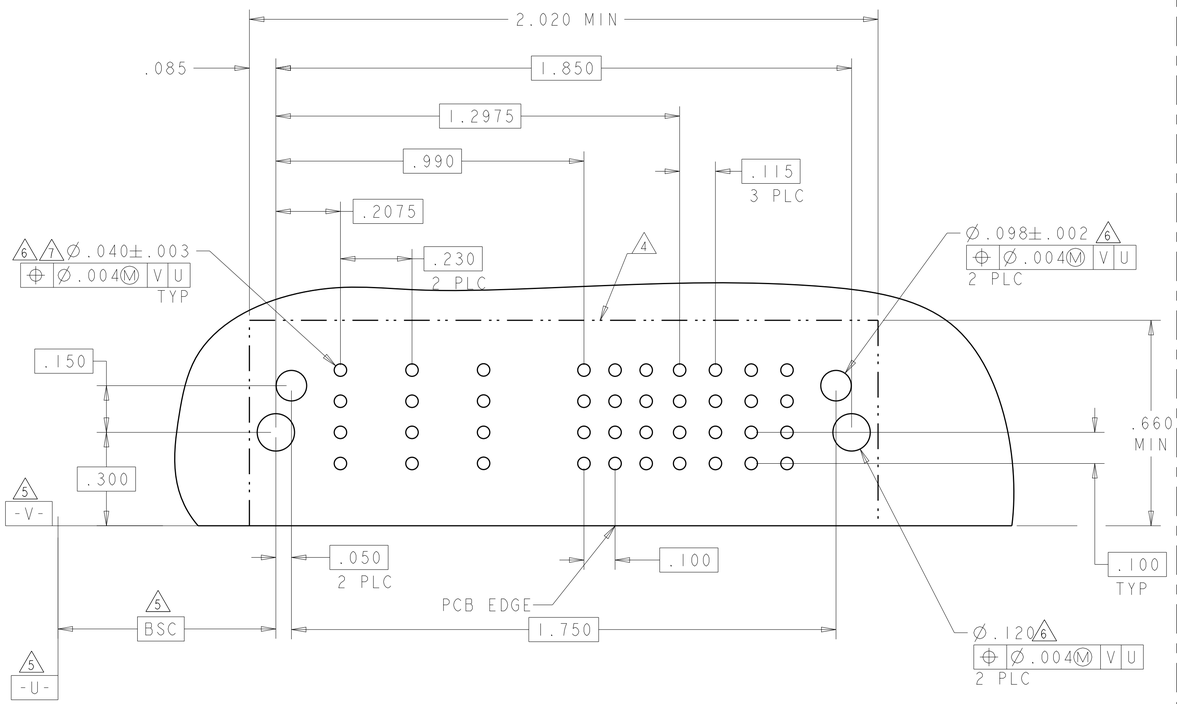
| PART NUMBER | ROWS | | LOW POWER LP1 | LP2 | LP3 | SIGNAL 1 | 2 | 3 | LOW POWER LP4 | LP5 | LP6 | LP7 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 7-6450830-6 | D | | LM | LM | LM | J | J | J | LM | LM | LM | LM | |
| | C | | | | | K | K | K | | | | | |
| | B | | | | | N | N | N | | | | | |
| | A | HD | | | | S | S | S | | | | | HD |

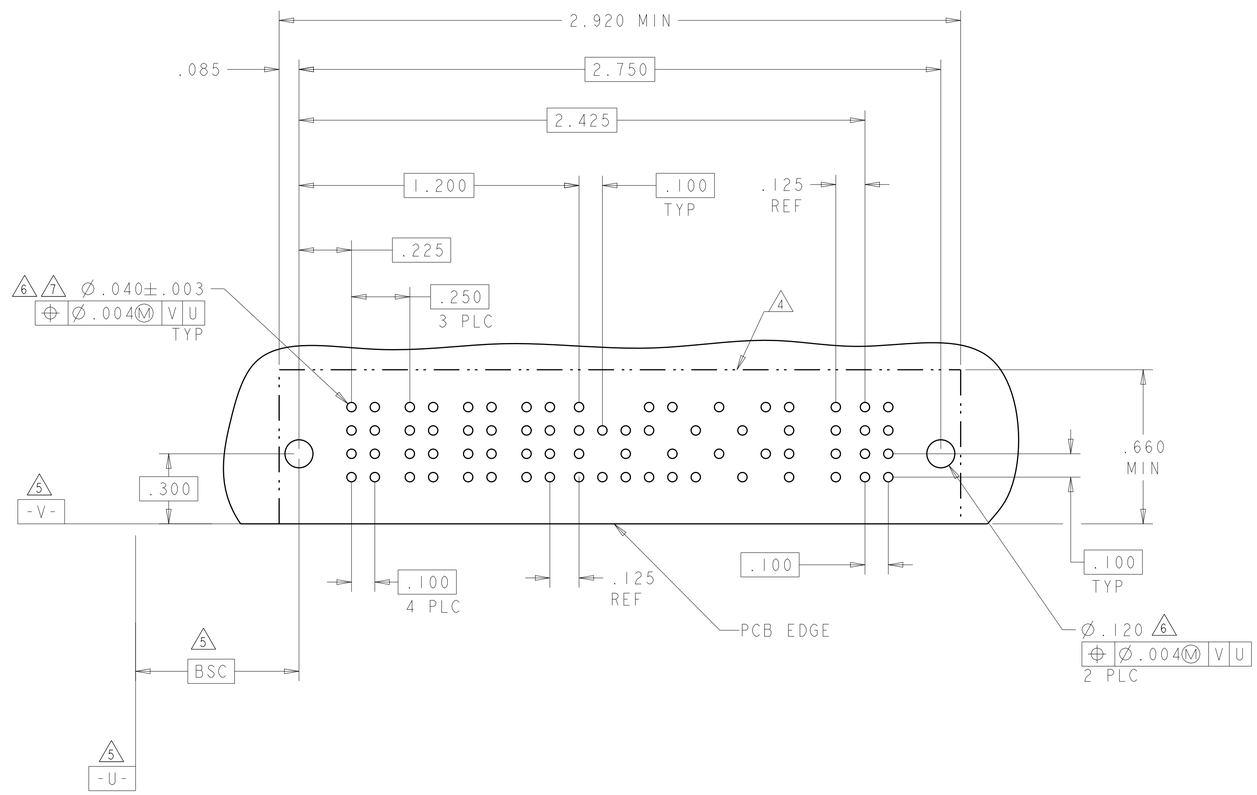
3LP + 12S + 4LP

| PART NUMBER | ROWS | | POWER P1 | P2 | P3 | P4 | SIGNAL 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | POWER P4 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 7-6450830-7 | D | | TM | TM | TM | TM | E | | | E | J | | J | | J | E | | E | TM | |
| | C | | | | | | F | F | F | F | | K | | K | | F | | F | | |
| | B | | | | | | G | | G | | N | | N | | N | G | | N | | |
| | A | | | | | | H | H | H | H | H | H | | S | | H | | H | | |

4P + 48S + 1P

BLANK SIGNAL PINS ARE UNLOADED PINS

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MATERIAL - -
FINISH - -

DWN S.ZHAO 10APR2007
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SCALE 4:1 SHEET 37 OF 42 REV S2

4805 (3/11)

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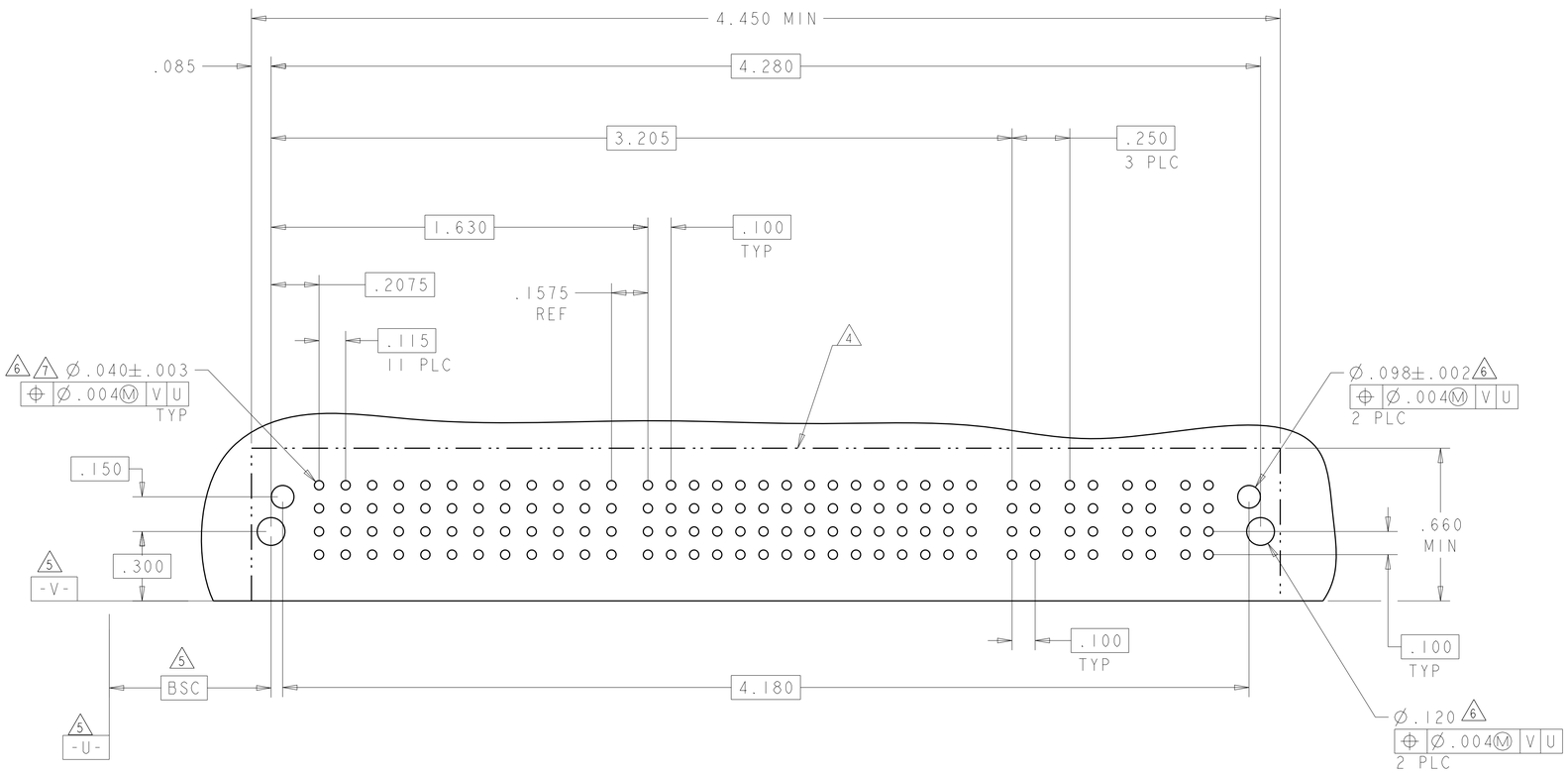
| ES | 00 |

REVISIONS

| P | LTR | DESCRIPTION | DATE | DWN | APVD |
|---|---|---|---|---|---|
| | - | SEE SHEET 1 | - | - | - |

| PART NUMBER | ROWS | | LOW POWER | | | | | | | | | | | SIGNAL | | | | | | | | | | | | | | POWER | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | LP1 | LP2 | LP3 | LP4 | LP5 | LP6 | LP7 | LP8 | LP9 | LP10 | LP12 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | P1 | P2 | P3 | P4 | |
| 7-6450830-8 | D | | LM | LM | LM | LM | LM | LM | LM | LM | LM | LM | LM | J | J | J | J | J | J | J | J | J | J | J | J | J | J | J | TM | TM | TM | TM | |
| | C | | | | | | | | | | | | | K | K | K | K | K | K | K | K | K | K | K | K | K | K | K | | | | | |
| | B | | | | | | | | | | | | | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | | | | | |
| | A | HD | | | | | | | | | | | | S | S | S | S | S | S | S | S | S | S | S | S | S | S | S | | | | | HD |
| 12LP + 60S + 4P | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

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DIMENSIONS: INCHES

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ±-
1 PLC ±-
2 PLC ±.01
3 PLC ±.005
4 PLC ±.0020
ANGLES ±2°

MATERIAL - -
FINISH - -

DWN S.ZHAO 10APR2007
CHK S.ZHAO 10APR2007
APVD S.ZHAO -
PRODUCT SPEC 108-2292
APPLICATION SPEC 114-13251
WEIGHT -

TE Connectivity

NAME RIGHT ANGLE WITH SHORT GUIDES AND LP CONTACTS ASSEMBLY MULTI-BEAM XLE

SIZE A1 | CAGE CODE 00779 | DRAWING NO C-6450830 | RESTRICTED TO -

CUSTOMER DRAWING | SCALE 4:1 | SHEET 38 OF 42 | REV S2

4805 (3/11)

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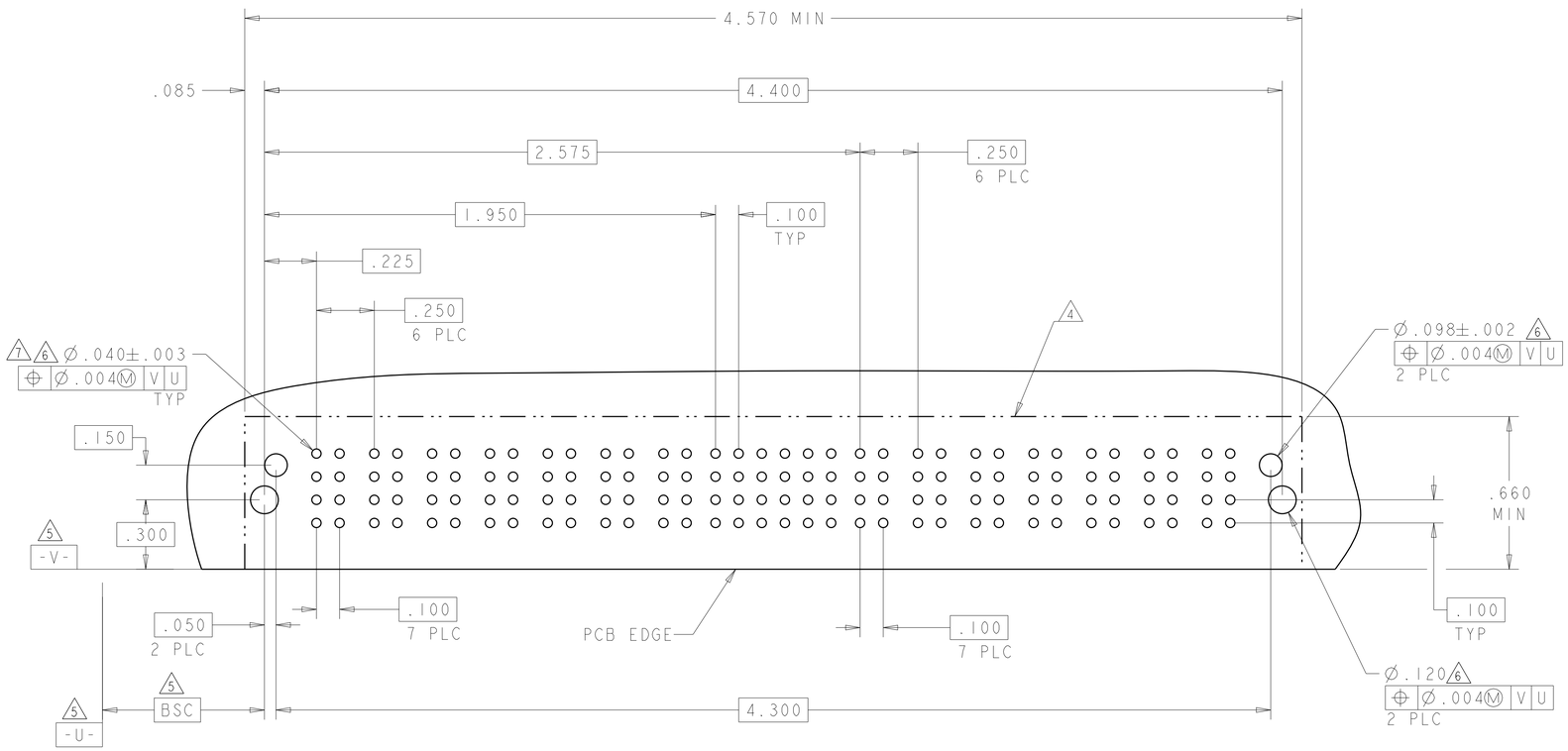
| | - | SEE SHEET 1 | - | - | - |

| PART NUMBER | ROWS | | POWER | | | | | | | SIGNAL | | | | | | POWER | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | P1 | P2 | P3 | P4 | P5 | P6 | P7 | 1 | 2 | 3 | 4 | 5 | 6 | P8 | P9 | P10 | P11 | P12 | P13 | P14 | | |
| 7-6450830-9 | D | | TM | TM | TM | TM | TM | TM | TM | E | E | E | E | E | E | TM | TM | TM | TM | TM | TM | TM | | |
| | C | | | | | | | | | F | F | F | F | F | F | | | | | | | | | |
| | B | | | | | | | | | G | G | G | G | G | G | | | | | | | | | |
| | A | HD | | | | | | | | H | H | H | H | H | H | | | | | | | | | HD |
| 7P + 24S + 7P | | | | | | | | | | | | | | | | | | | | | | | | |

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| A1 | 00779 | C-6450830 | - |

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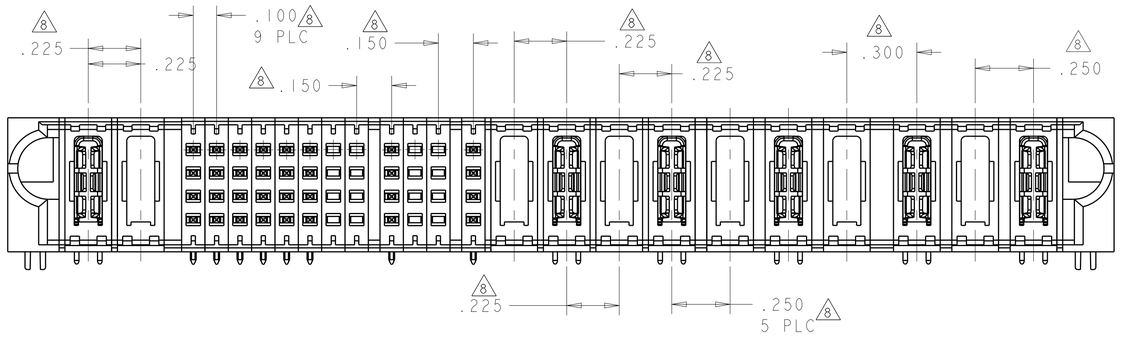
| P | LTR | DESCRIPTION | DATE | DWN | APVD |
|---|---|---|---|---|---|
| | - | SEE SHEET 1 | - | - | - |

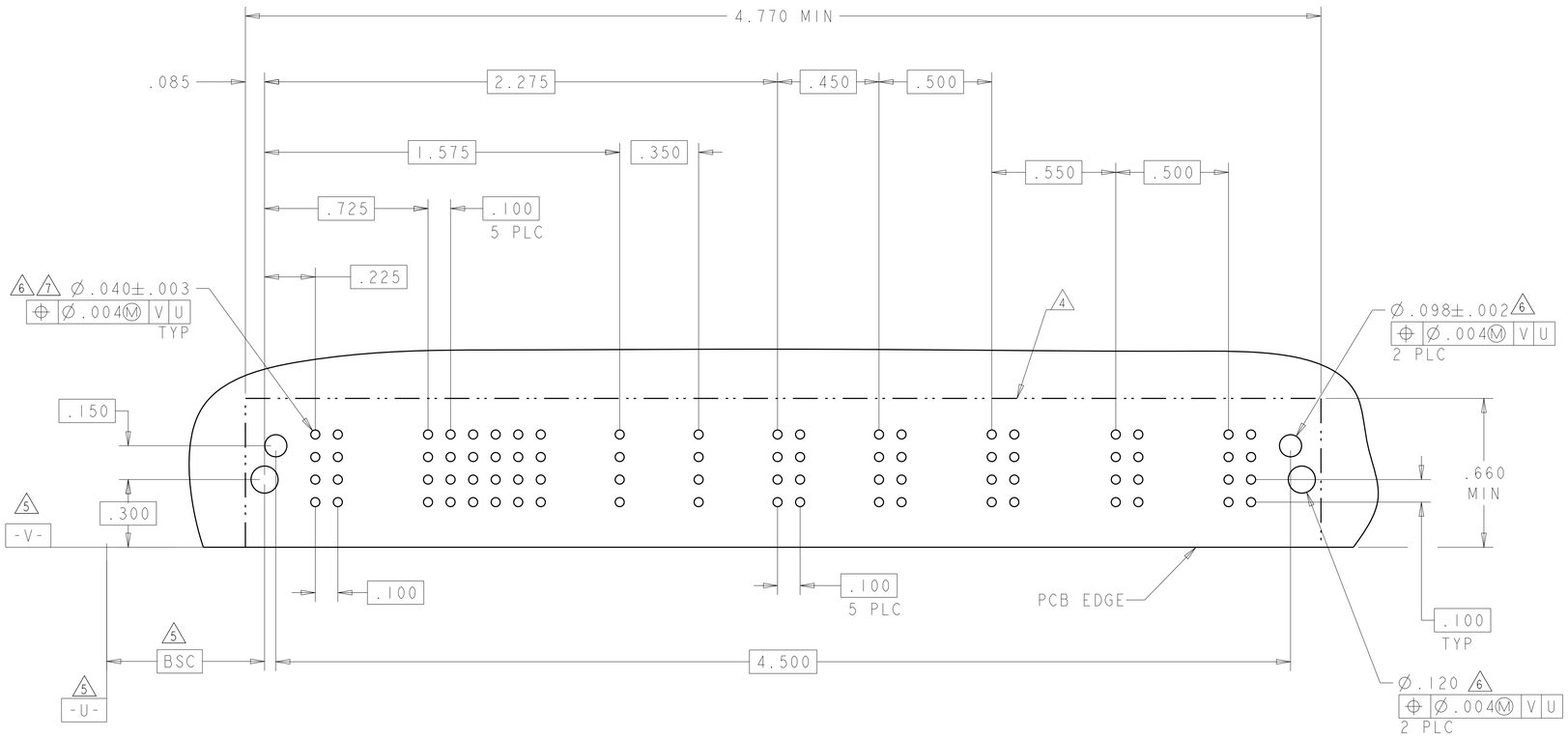
| PART NUMBER | ROWS | | POWER P1 | POWER P2 | SIGNAL 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | POWER P3 | P4 | P5 | P6 | P7 | P8 | P9 | P10 | P11 | P12 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 8-6450830-1 | D | | TM | | E | J | J | J | J | J | | | J | | | J | TM | | TM | | TM | | TM | | TM | | |
| | C | | | | F | K | K | K | K | K | | | K | | | K | | | | | | | | | | | |
| | B | | | | G | N | N | N | N | N | | | N | | | N | | | | | | | | | | | |
| | A | HD | | | H | S | S | S | S | S | | | S | | | S | | | | | | | | | | | HD |
| 2P + 48S + 10P | | | | | | | | | | | | | | | | | | | | | | | | | | | |

NO CONTACT LOADED

NO CONTACTS LOADED

NO CONTACTS LOADED

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4 PLC ±.0020
ANGLES ±2°

MATERIAL - - -
FINISH - -

DWN S.ZHAO 10APR2007
CHK S.ZHAO 10APR2007
APVD S.ZHAO -
PRODUCT SPEC 108-2292
APPLICATION SPEC 114-13251
WEIGHT -

TE Connectivity

NAME RIGHT ANGLE WITH SHORT GUIDES AND LP CONTACTS ASSEMBLY MULTI-BEAM XLE

| SIZE | CAGE CODE | DRAWING NO | RESTRICTED TO |
|---|---|---|---|
| A1 | 00779 | C-6450830 | - |

CUSTOMER DRAWING

| SCALE | SHEET | OF | REV |
|---|---|---|---|
| 4:1 | 40 | 42 | S2 |

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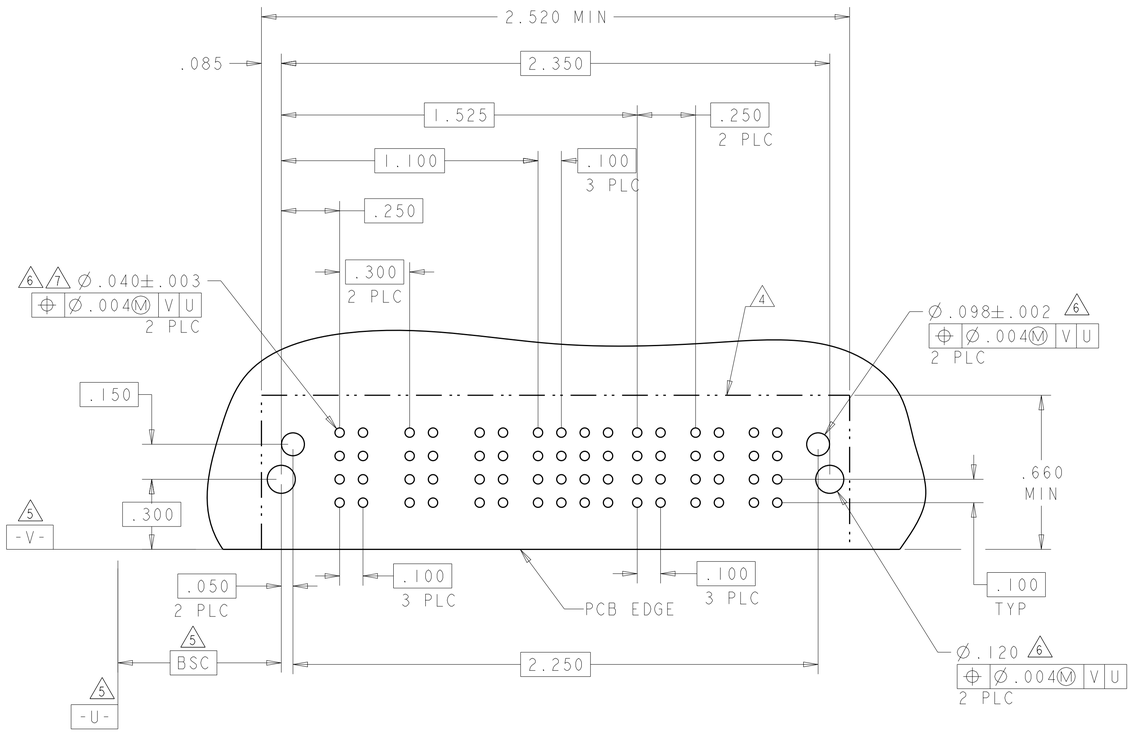
| P | LTR | DESCRIPTION | DATE | DWN | APVD |
|---|---|---|---|---|---|
| | - | SEE SHEET 1 | - | - | - |

| PART NUMBER | ROWS | POWER P1 | POWER P2 | POWER P3 | SIGNAL 1 | SIGNAL 2 | SIGNAL 3 | SIGNAL 4 | POWER P4 | POWER P5 | POWER P6 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 8-6450830-0 | D C B A | TM | TM | TM | J K N S | J K N S | J K N S | J K N S | TM | TM | TM |
| 3ACP + 16S + 3P | | | | | | | | | | | |

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ANGLES ±2°

MATERIAL - -
FINISH - -

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CUSTOMER DRAWING | SCALE 4:1 | SHEET 41 OF 42 | REV S2

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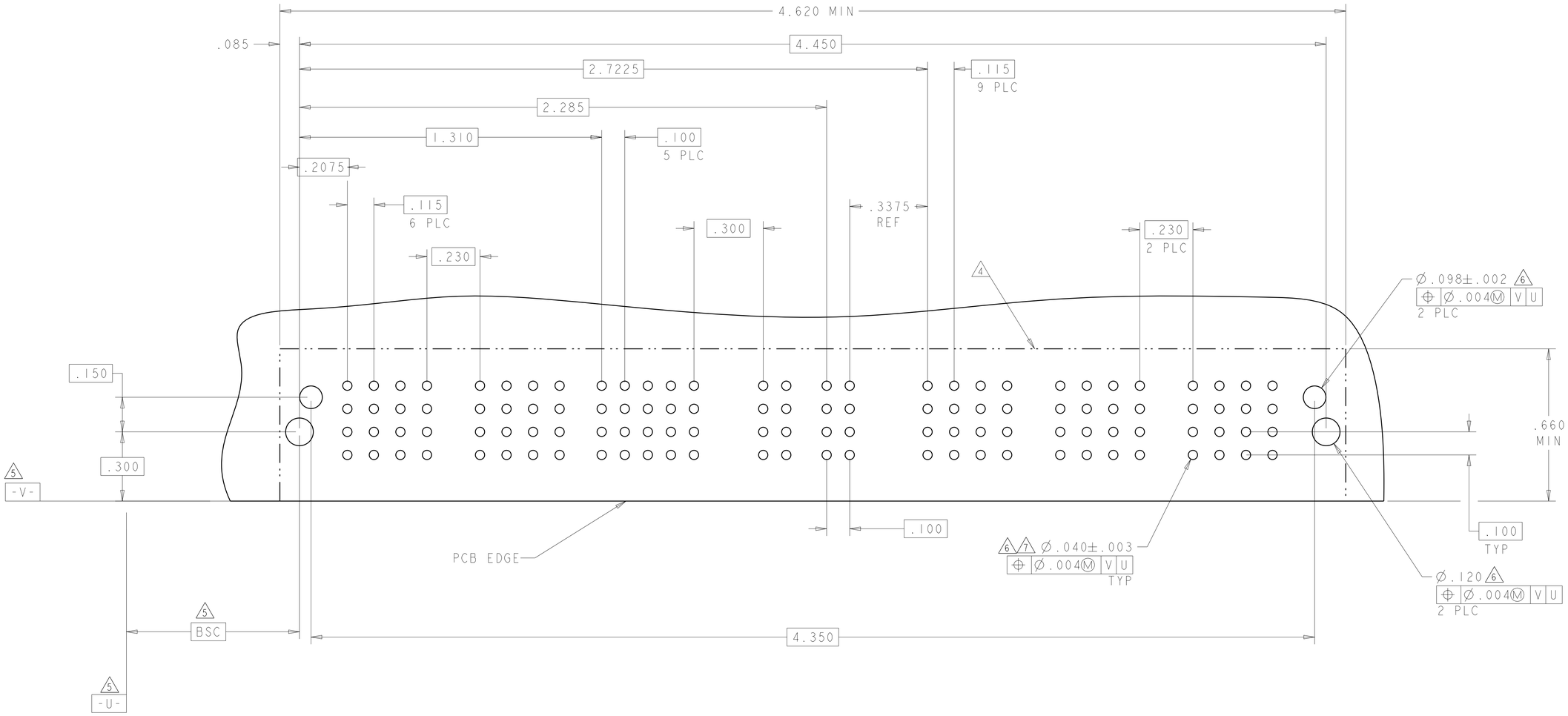
|---|---|---|---|---|---|
| | - | SEE SHEET 1 | - | - | - |

| PART NUMBER | ROWS | | LOW POWER | | | | | | | | | SIGNAL | | | | | | | | | POWER | LOW POWER | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | LP1 | LP2 | LP3 | LP4 | LP5 | LP6 | LP7 | LP8 | LP9 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | P1 | LP10 | LP11 | LP12 | LP13 | LP14 | LP15 | LP16 | LP17 | LP18 | LP19 | LP20 | LP21 | LP22 | LP23 | LP24 | LP25 | | |
| 8-6450830-2 | D | | LM | LM | LM | LMF | - | LMF | LM | LM | LM | E | E | E | E | E | - | - | E | E | TM | - | - | LML | LML | LML | LML | | LML | LML | LML | LML | - | LML | LML | LML | LML | | |
| | C | | | | | | | | | | | F | F | F | F | F | - | - | F | F | | | | | | | | | | | | | | | | | | | |
| | B | | | | | | | | | | | G | G | G | G | G | - | - | G | G | | | | | | | | | | | | | | | | | | | |
| | A | HD | | | | | | | | | | H | H | H | H | H | - | - | H | H | | | | | | | | | | | | | | | | | | | HD |
| 9LP + 36S + 1P + 16LP | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

- NO CONTACTS LOADED

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CUSTOMER DRAWING

| SCALE | SHEET | OF | REV |
|---|---|---|---|
| 4:1 | 42 | 42 | S2 |