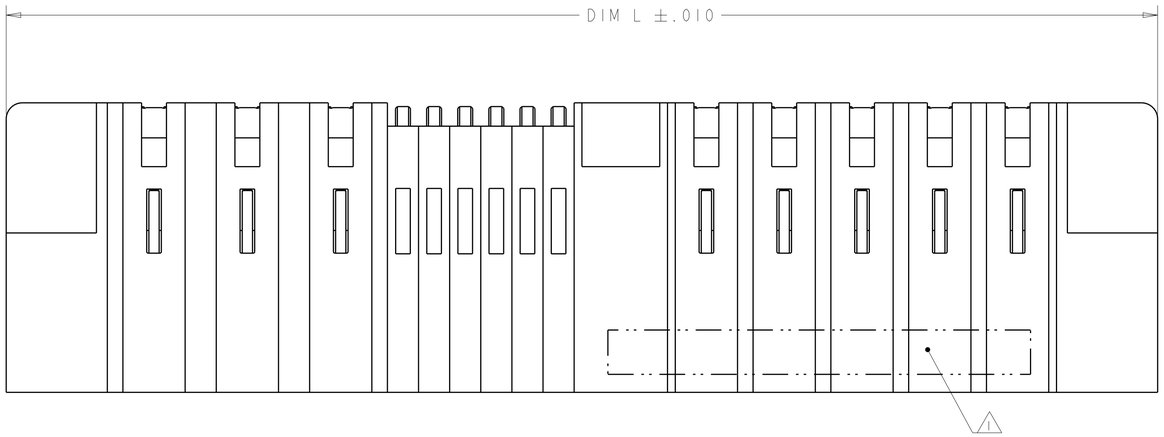
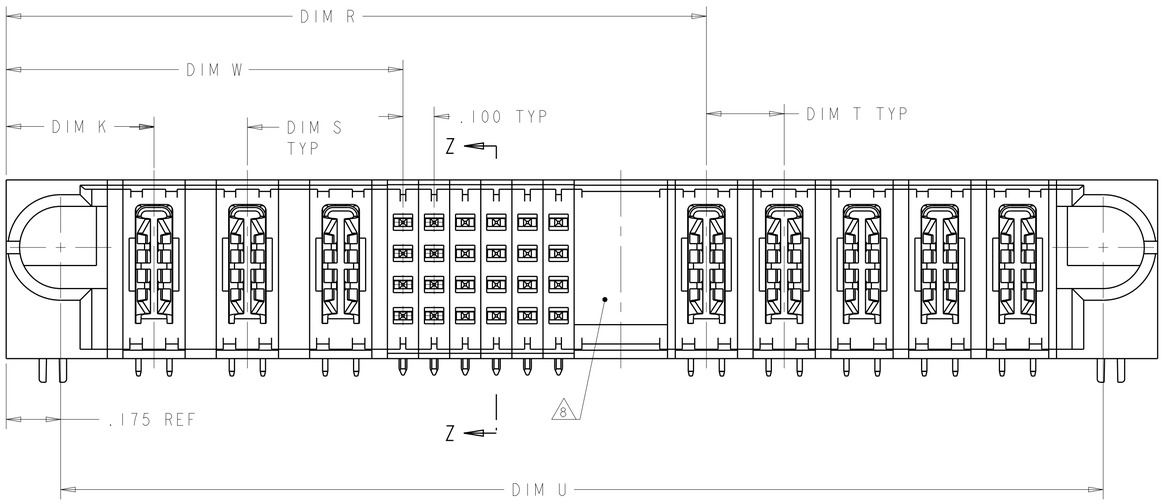
| LOC | DIST |
|---|---|
| ES | 00 |

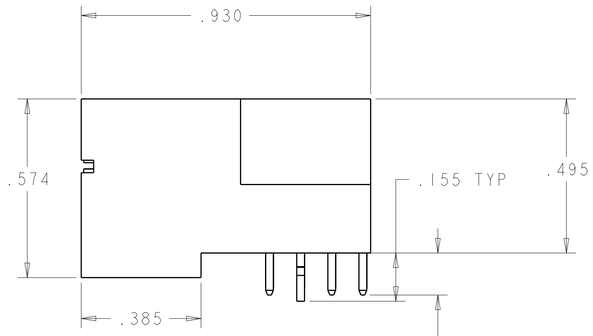
REVISIONS

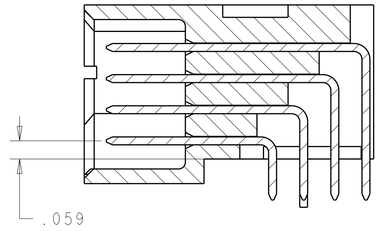
| P | LTR | DESCRIPTION | DATE | DWN | APVD |
|---|---|---|---|---|---|
| | M1 | ADD NEW DASH NUMBER 7-0 | 08FEB2014 | AL | SZ |
| | M2 | ADD NEW DASH NUMBER | 21MAR2014 | AL | SZ |



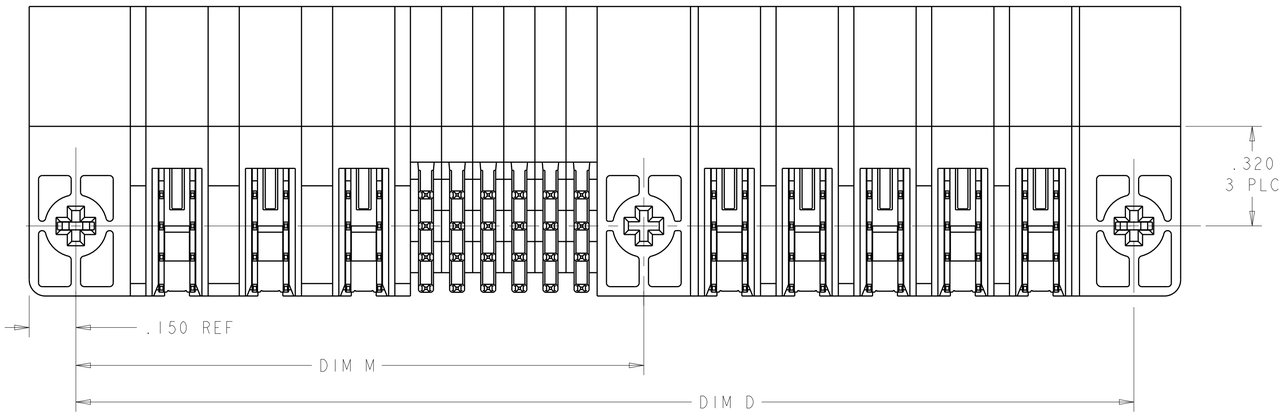

1. "AMP" PART NUMBER AND DATE CODE TO BE MARKED IN AREA SHOWN. PARTS UNDER 2.500 LONG MAY BE MARKED ON BOTH SIDES.
2. MATERIAL: HOUSING - GLASS FILLED HIGH TEMP THERMO PLASTIC, UL 94 V-O
   SIGNAL CONTACT - COPPER ALLOY
   POWER CONTACT - HIGH CONDUCTIVITY COPPER ALLOY.
3. CONTACT FINISHE:
   NOBLE METAL PLATED ON THE CONTACT FUNCTIONAL AREA OF POWER AND SIGNAL CONTACTS.
4. MECHANICAL CONNECTOR KEEP OUT ZONE. WHEN PLACING CONNECTORS END-TO-END, ALLOW ADDITIONAL 0.1 CLEARANCE BETWEEN CONNECTORS FOR LATCH ACTIVATION.
5. DATUM AND BASIC DIMENSIONS ESTABLISHED BY CUSTOMER.
6. PCB - ALL HOLE DIAMETERS ARE FINISHED HOLE SIZES.
7. PCB - .0453±.0010 DRILLED HOLES PLATED WITH .0003 MIN Sn OVER .001 TO .003 Cu PLATING TO ACHIEVE A .040 DIA HOLE.
8. OPTIONAL CENTER MODULE WITH Ø.150 THRU HOLE OR HOLD DOWN FEATURE.




SECTION Z-Z




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 R.GRZYBOWSKI 02FEB05
CHK M.PERCHERKE 02FEB05
APVD M.PERCHERKE 02FEB05

PRODUCT SPEC 108-1973
APPLICATION SPEC 114-13038
WEIGHT -

TE Connectivity

NAME RIGHT ANGLE HEADER W/GUIDES ASSEMBLY MULTI-BEAM XL -

| SIZE | CAGE CODE | DRAWING NO | RESTRICTED TO |
|---|---|---|---|
| A1 | 00779 | C-6450120 | - |

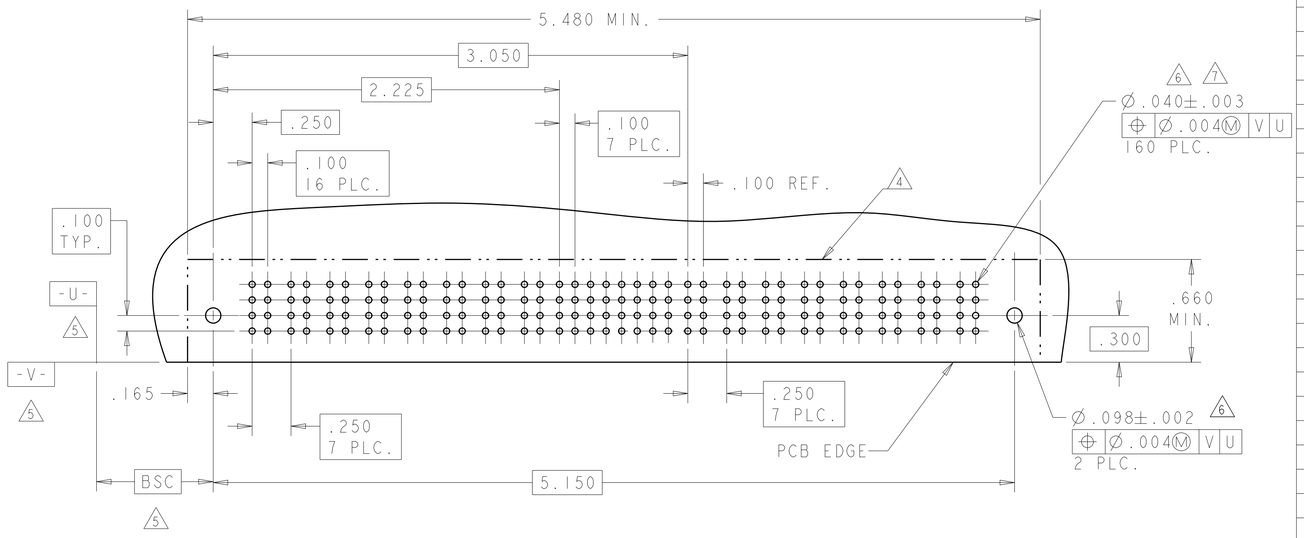
CUSTOMER DRAWING | SCALE 4:1 | SHEET 1 OF 24 | REV M2

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

REVISIONS

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

| PART NUMBER | ROWS | POWER | | | | | | | | SIGNAL | | | | | | | | POWER | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | P1 | P2 | P3 | P4 | P5 | P6 | P7 | P8 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | P9 | P10 | P11 | P12 | P13 | P14 | P15 | P16 |
| 6450120-1 | D | PM | PM | PM | PM | PM | PM | PM | PM | J | J | J | J | J | J | J | J | PM | PM | PM | PM | PM | PM | PM | PM |
| | C | | | | | | | | | K | K | K | K | K | K | K | K | | | | | | | | |
| | B | | | | | | | | | N | N | N | N | N | N | N | N | | | | | | | | |
| | A | | | | | | | | | S | S | S | S | S | S | S | S | | | | | | | | |
| 8P + 32S + 8P | | HD | | | | | | | | | | | | | | | | | | | | | | | HD |




| | U | S | T | R | W | D | M | L | K | DESCRIPTION | PART NUMBER |
|---|---|---|---|---|---|---|---|---|---|---|---|
| M2 | 1.700 | .250 | .250 | 1.300 | .875 | 1.750 | - | 2.050 | .450 | 2P+16S+2P | 7-6450120-1 |
| | 2.700 | .200 | - | 2.600 | 1.425 | 2.750 | - | 3.050 | .450 | 5P + 44S + 1P | 7-6450120-0 |
| | 1.100 | - | - | 1.000 | .625 | 1.150 | - | 1.450 | .450 | 1P+12S+1P | 6-6450120-9 |
| | 1.000 | - | - | .900 | .625 | 1.050 | - | 1.350 | .450 | 1P + 8S + 1P | 6-6450120-8 |
| | 2.850 | .300 | .200 | 2.125 | 1.825 | 2.900 | - | 3.200 | .450 | 7HDP + 8S + 3ACP | 6-6450120-7 |
| | 2.650 | .250 | .200 | 1.550 | .875 | 2.700 | - | 3.000 | .450 | 2P + 24S + 6P | 6-6450120-6 |
| | 2.300 | .300 | .250 | 1.950 | 1.275 | 2.350 | - | 2.650 | .475 | 3ACP + 24S + 2P | 6-6450120-5 |
| | 3.100 | .250 | .250 | 2.250 | 1.875 | 3.150 | - | 3.450 | .450 | 6P + 12S + 4P | 6-6450120-4 |
| | 2.400 | .250 | .250 | 1.800 | 1.125 | 2.450 | - | 2.750 | .475 | 3P + 24S + 3P | 6-6450120-1 |
| | 3.000 | .300 | .250 | 1.650 | 1.325 | 3.050 | - | 3.350 | .475 | 3ACP + 8S + 6P | 6-6450120-0 |
| | 1.900 | .300 | .250 | 1.550 | 1.275 | 1.950 | - | 2.250 | .475 | 3ACP + 8S + 2P | 5-6450120-9 |
| | 2.800 | - | - | - | 0.375 | 2.850 | - | 3.150 | - | 100S | 5-6450120-8 |
| | 2.700 | .250 | .250 | 2.100 | 1.125 | 2.750 | - | 3.050 | .450 | 3P + 36S + 3P | 5-6450120-7 |
| | 1.100 | - | - | 1.000 | .625 | 1.150 | - | 1.450 | .450 | 1P + 12S + 1P | 5-6450120-6 |
| | 3.250 | .300 | .250 | 2.525 | 2.175 | 3.300 | - | 3.600 | .450 | 7P + 8S + 3ACP | 5-6450120-5 |
| | 2.400 | .250 | .250 | 1.550 | .875 | 2.450 | - | 2.750 | .450 | 2P + 24S + 4P | 5-6450120-3 |
| | 5.400 | .300 | .300 | 2.875 | 2.175 | 5.450 | - | 5.750 | .475 | 6P + 24S + 9P | 5-6450120-2 |
| | 3.800 | .250 | .300 | 1.875 | 1.375 | 3.850 | - | 4.150 | .450 | 4P + 16S + 7ACP | 5-6450120-0 |
| | 1.600 | .250 | .250 | 1.250 | .875 | 1.650 | - | 1.950 | .450 | 2P + 12S + 2P | 4-6450120-9 |
| | 2.900 | .250 | .250 | 2.050 | 1.375 | 2.950 | - | 3.250 | .450 | 4P + 24S + 4P | 4-6450120-8 |
| | 1.900 | .250 | .250 | 1.550 | 0.875 | 1.950 | - | 2.250 | .450 | 2P + 24S + 2P | 4-6450120-7 |
| | 2.000 | .250 | .250 | 1.400 | 1.125 | 2.050 | - | 2.350 | .450 | 3P + 8S + 3P | 4-6450120-6 |
| | 2.900 | .250 | .250 | 3.550 | 2.875 | 5.950 | - | 6.250 | .450 | 10P + 24S + 10P | 4-6450120-5 |
| | 3.700 | .200 | .300 | 2.700 | 2.025 | 3.750 | - | 4.050 | .450 | 8P + 24S + 4ACP | 4-6450120-4 |
| | 2.900 | .300 | .250 | 2.050 | 1.575 | 2.950 | - | 3.250 | .475 | 4ACP+16S+4P | 4-6450120-3 |
| | 4.375 | .250 | .300 | 3.375 | 2.375 | 4.425 | 3.100 | 4.725 | .450 | 8P + 24S + 1M + 4ACP | 4-6450120-2 |
| | 4.100 | .300 | .250 | 2.250 | 1.575 | 4.150 | - | 4.450 | .475 | 4ACP + 24S + 8P | 4-6450120-0 |
| | 3.800 | .250 | .250 | 3.450 | .875 | 3.850 | - | 4.150 | .450 | 2P + 100S + 2P | 3-6450120-6 |
| | 4.600 | .250 | .250 | 3.250 | 1.875 | 4.650 | - | 4.950 | .450 | 6P + 52S + 6P | 3-6450120-5 |
| | 5.100 | .250 | .250 | 3.500 | 2.175 | 5.150 | - | 5.450 | .450 | 7P + 48S + 7P | 3-6450120-4 |
| | 3.500 | .250 | .300 | 2.775 | 2.375 | 3.550 | - | 3.850 | .450 | 8P + 12S + 3ACP | 3-6450120-3 |
| | 4.000 | .200 | .200 | 2.700 | 1.825 | 4.050 | - | 4.350 | .450 | 7HDP + 32S + 7HDP | 3-6450120-0 |
| | 3.900 | .250 | .250 | 2.550 | 1.875 | 3.950 | - | 4.250 | .450 | 6P + 24S + 6P | 2-6450120-7 |
| | 5.200 | .300 | .250 | 2.350 | 1.625 | 5.250 | - | 5.550 | .475 | 4ACP + 24S + 12P | 2-6450120-6 |
| | 2.500 | .250 | .250 | 2.150 | 1.425 | 2.550 | - | 2.850 | .450 | 4P + 24S + 2P | 2-6450120-5 |
| | 3.600 | .250 | .250 | 2.500 | 1.625 | 3.650 | - | 3.950 | .450 | 5P + 32S + 5P | 2-6450120-4 |
| | 2.500 | .250 | .250 | 2.150 | .875 | 2.550 | - | 2.850 | .450 | 2P + 48S + 2P | 2-6450120-3 |
| | 4.500 | .300 | .250 | 1.650 | .975 | 4.550 | - | 4.850 | .475 | 2ACP + 24S + 12P | 2-6450120-2 |
| | 2.850 | .250 | .250 | 2.000 | 1.125 | 2.900 | - | 3.200 | .450 | 3P + 32S + 4P | 2-6450120-1 |
| | 3.950 | .200 | .250 | 2.125 | 1.025 | 4.000 | - | 4.300 | .425 | 3P + 40S + 8P | 2-6450120-0 |
| | 1.400 | - | - | 1.300 | .625 | 1.450 | - | 1.750 | .450 | 1P + 24S + 1P | 1-6450120-6 |
| | 2.000 | .300 | .300 | 1.575 | .975 | 2.050 | - | 2.350 | .475 | 2P + 20S + 2P | 1-6450120-4 |
| | 1.200 | - | - | 1.100 | .625 | 1.250 | - | 1.550 | .450 | 1P + 16S + 1P | 1-6450120-3 |
| | 2.400 | .250 | .250 | 1.800 | 1.125 | 2.450 | - | 2.750 | .450 | 3P + 24S + 3P | 1-6450120-2 |
| | 2.675 | .200 | .200 | 2.375 | 1.650 | 2.725 | - | 3.025 | .450 | 5P + 24S + 2P | 1-6450120-1 |
| | 4.350 | .250 | .250 | 3.500 | 2.625 | 4.400 | - | 4.700 | .450 | 9P + 32S + 4P | 1-6450120-0 |
| | 4.150 | .250 | .250 | 2.800 | 2.125 | 4.200 | - | 4.500 | .450 | 7P + 24S + 6P | 6450120-9 |
| | 2.800 | .250 | .300 | 2.075 | 1.375 | 2.850 | - | 3.150 | .450 | 4P + 24S + 3ACP | 6450120-8 |
| | 3.050 | .300 | .250 | 1.950 | 1.275 | 3.100 | - | 3.400 | .475 | 3ACP + 24S + 5P | 6450120-7 |
| | 7.400 | .250 | .250 | 5.050 | 2.875 | 7.450 | - | 7.750 | .450 | 10P + 84S + 10P | 6450120-6 |
| | 4.350 | .250 | .250 | 3.000 | 2.125 | 4.400 | - | 4.700 | .450 | 7P + 32S + 6P | 6450120-5 |
| | 3.650 | .250 | .250 | 2.550 | 1.875 | 3.700 | - | 4.000 | .450 | 6P + 24S + 5P | 6450120-4 |
| | 2.900 | .250 | .250 | 1.800 | 1.125 | 2.950 | - | 3.250 | .450 | 3P + 24S + 5P | 6450120-3 |
| | 1.900 | .250 | .250 | 1.550 | 0.875 | 1.950 | - | 2.250 | .450 | 2P + 24S + 2P | 6450120-2 |
| | 5.100 | .250 | .250 | 3.250 | 2.375 | 5.150 | - | 5.450 | .450 | 8P + 32S + 8P | 6450120-1 |

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 - -
FINISH - -

DWN R.GRZYBOWSKI 02FEB05
CHK M.PERCHERKE 02FEB05
APVD M.PERCHERKE 02FEB05
PRODUCT SPEC 108-1973
APPLICATION SPEC 114-13038
WEIGHT -

TE Connectivity

NAME RIGHT ANGLE HEADER W/GUIDES ASSEMBLY MULTI-BEAM XL -

SIZE A1 | CAGE CODE 00779 | DRAWING NO C-6450120 | RESTRICTED TO -

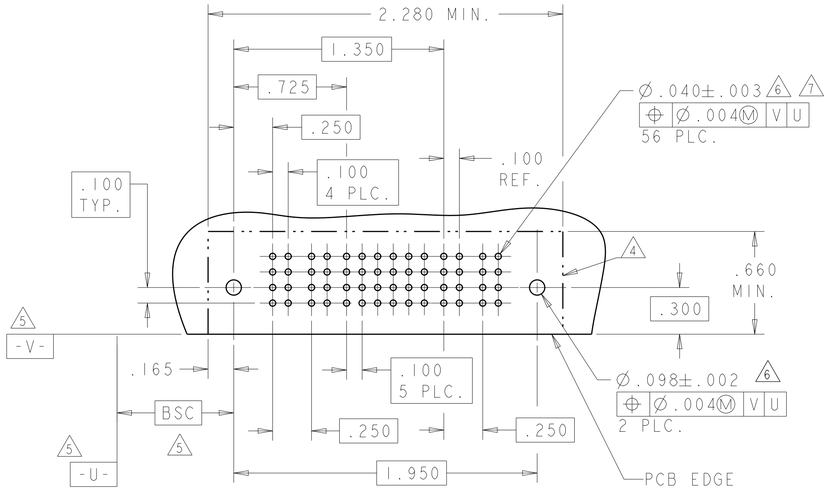
CUSTOMER DRAWING | SCALE 4:1 | SHEET 2 OF 24 | REV M2

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

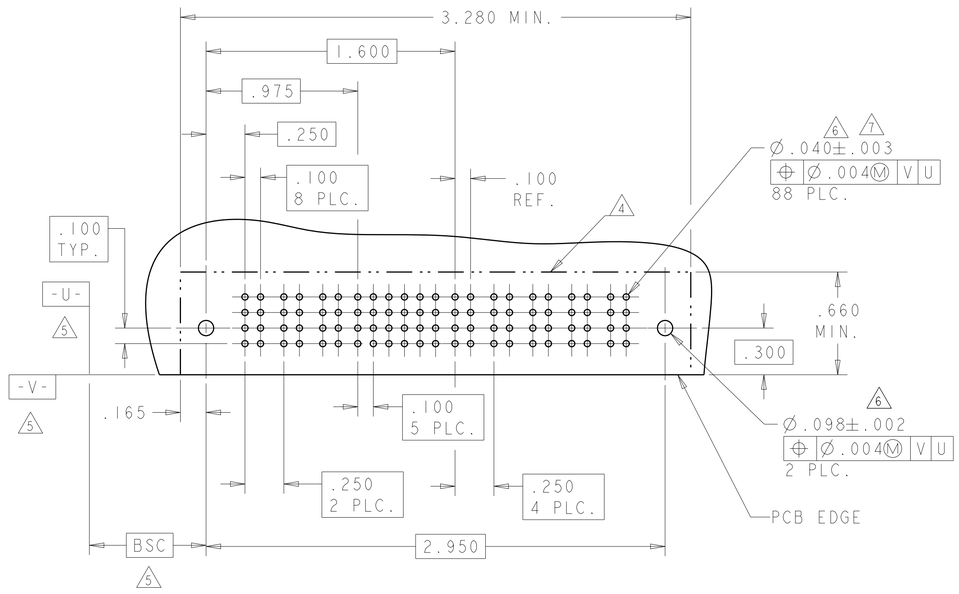
REVISIONS

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

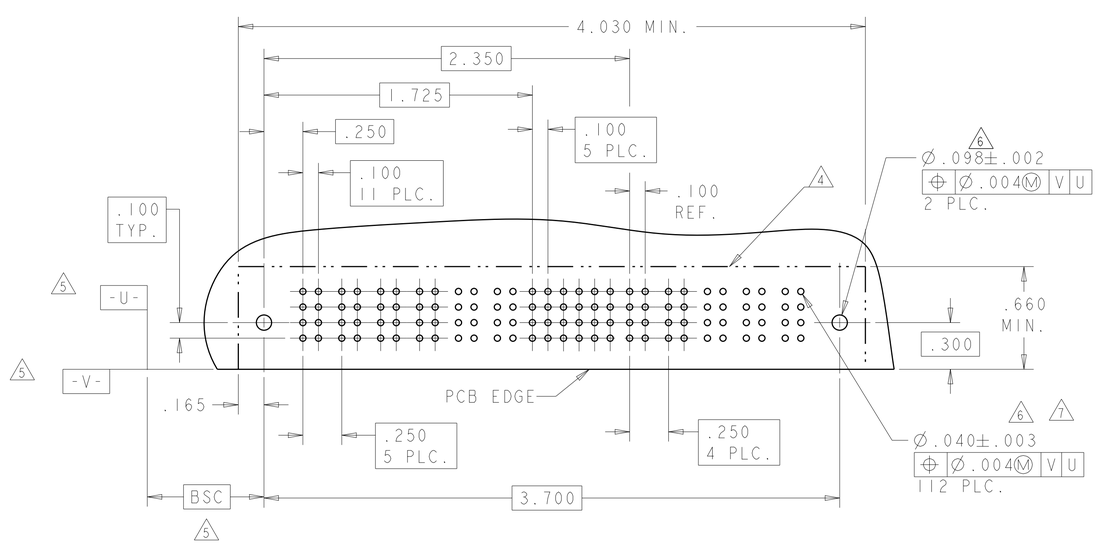
| PART NUMBER | ROWS | POWER P1 | POWER P2 | SIGNAL 1 | SIGNAL 2 | SIGNAL 3 | SIGNAL 4 | SIGNAL 5 | SIGNAL 6 | POWER P3 | POWER P4 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 6450120-2 | D C B A | PM | PM | J K N S | J K N S | J K N S | J K N S | J K N S | J K N S | PM | PM |
| 2P + 24S + 2P | | HD | | | | | | | | | HD |




| 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 | POWER P7 | POWER P8 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 6450120-3 | D C B A | PM | PM | PM | J K N S | J K N S | J K N S | J K N S | J K N S | J K N S | PM | PM | PM | PM | PM |
| 3P + 24S + 5P | | HD | | | | | | | | | | | | | HD |




| PART NUMBER | ROWS | POWER P1 | POWER P2 | POWER P3 | POWER P4 | POWER P5 | POWER P6 | SIGNAL 1 | SIGNAL 2 | SIGNAL 3 | SIGNAL 4 | SIGNAL 5 | SIGNAL 6 | POWER P7 | POWER P8 | POWER P9 | POWER P10 | POWER P11 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 6450120-4 | D C B A | PM | PM | PM | PM | PM | PM | J K N S | J K N S | J K N S | J K N S | J K N S | J K N S | PM | PM | PM | PM | PM |
| 6P + 24S + 5P | | HD | | | | | | | | | | | | | | | | HD |




| CODE | MATING SEQUENCE | TAIL LENGTH | ROW |
|---|---|---|---|
| H | MLBF | .135 | A |
| G | MLBF | .135 | B |
| F | MLBF | .135 | C |
| E | MLBF | .135 | D |
| L4 | STD | .165 | D |
| L3 | STD | .165 | B |
| L2 | STD | .165 | C |
| L1 | STD | .165 | A |
| Z | STD | .090 | D |
| Y | STD | .090 | C |
| R | STD | .090 | B |
| O | STD | .090 | A |
| F | MLBF | .135 | C |
| G | MLBF | .135 | B |
| J | STD | .135 | D |
| K | STD | .135 | C |
| N | STD | .135 | B |
| S | STD | .135 | A |

SIGNAL CONTACT

| CODE | TAIL LENGTH |
|---|---|
| PD | .165 |
| PA | .090 |
| PM | .135 |

POWER CONTACT

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 R GRZYBOWSKI 02FEB05
CHK M PERCHERKE 02FEB05
APVD M PERCHERKE 02FEB05
PRODUCT SPEC 108-1973
APPLICATION SPEC 114-13038
WEIGHT -

TE Connectivity

NAME RIGHT ANGLE HEADER W/GUIDES ASSEMBLY MULTI-BEAM XL
-

| SIZE | CAGE CODE | DRAWING NO | RESTRICTED TO |
|---|---|---|---|
| A1 | 00779 | C-6450120 | - |

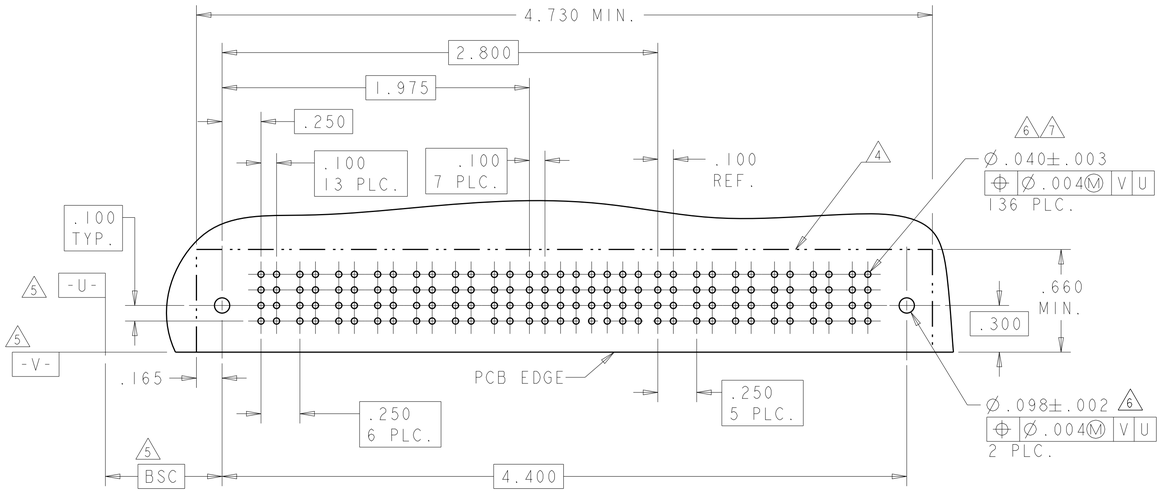
CUSTOMER DRAWING | SCALE 4:1 | SHEET 3 OF 24 | REV M2

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

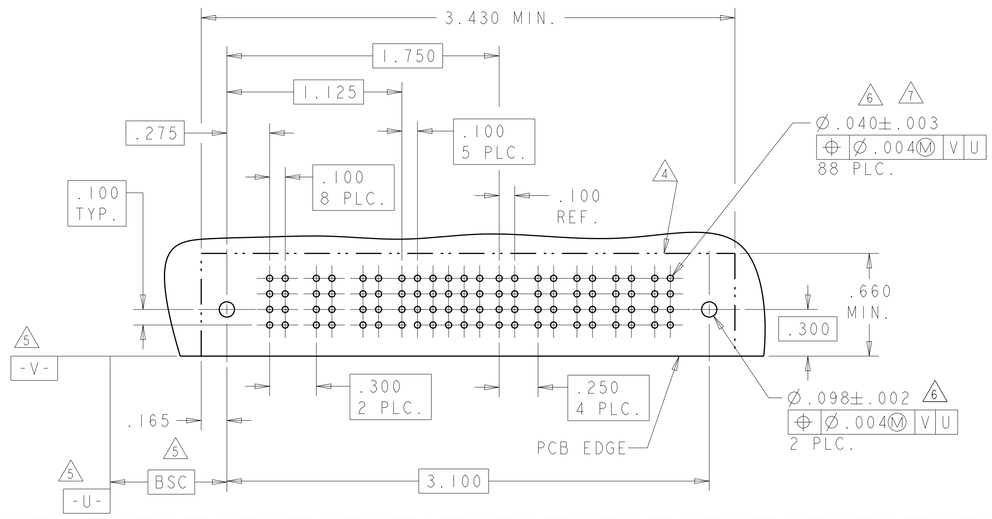
REVISIONS

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

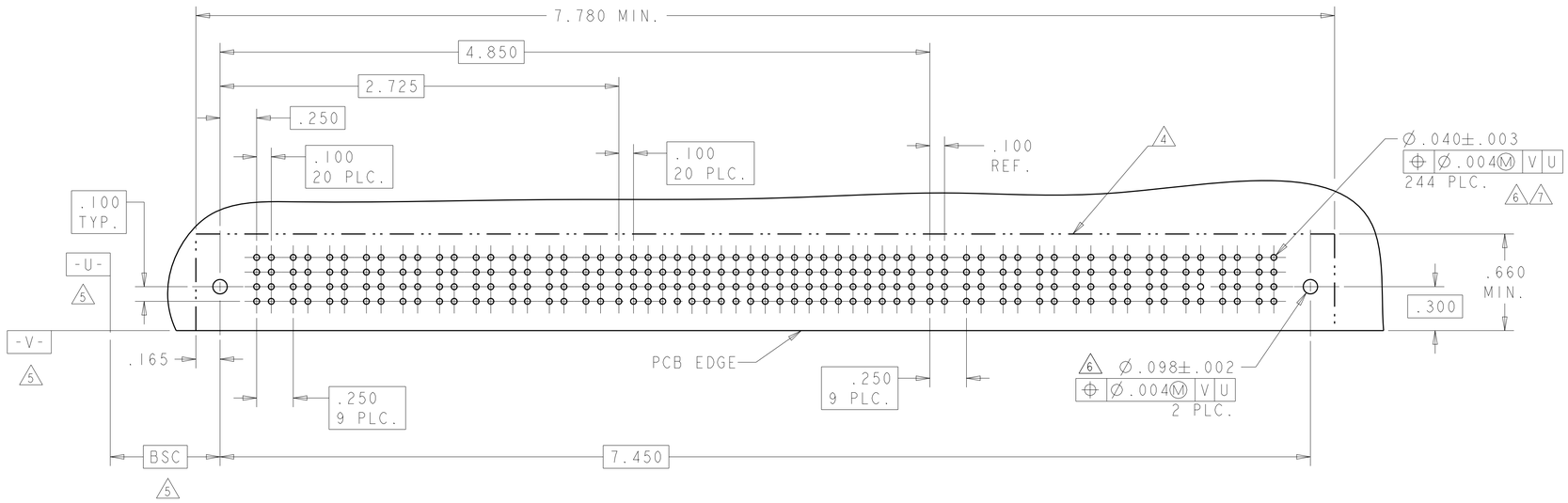
| PART NUMBER | ROWS | POWER | | | | | | | SIGNAL | | | | | | | | POWER | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | P1 | P2 | P3 | P4 | P5 | P6 | P7 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | P8 | P9 | P10 | P11 | P12 | P13 |
| 6450120-5 | D C B A | PM | PM | PM | PM | PM | PM | PM | 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 | PM | PM | PM | PM | PM | PM | HD |
| 7P + 32S + 6P | | | | | | | | | | | | | | | | | | | | | | | |




| PART NUMBER | ROWS | POWER | | | SIGNAL | | | | | | | | | | | | POWER | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | P1 | P2 | P3 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | P4 | P5 | P6 | P7 | P8 | |
| 6450120-7 | D C B A | PM | PM | PM | J K N S | J K N S | J K N S | J K N S | J K N S | J K N S | | | | | | | PM | PM | PM | PM | PM | HD |
| 3ACP + 24S + 5P | | | | | | | | | | | | | | | | | | | | | | |




| PART NUMBER | ROWS | POWER | | | | | | | | | SIGNAL | | | | | | | | | | | | | | | | | | | | | | POWER | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | P1 | P2 | P3 | P4 | P5 | P6 | P7 | P8 | P9 | P10 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | P11 | P12 | P13 | P14 | P15 | P16 | P17 | P18 | P19 | P20 |
| 6450120-6 | D C B A | PM | PM | PM | PM | PM | PM | PM | PM | PM | PM | 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 | 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 | J K N S | J K N S | J K N S | J K N S | J K N S | PM | PM | PM | PM | PM | PM | PM | PM | PM | PM | HD |
| 10P + 84S + 10P | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |




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 02FEB05 R.GRZYBOWSKI
CHK 02FEB05 M.PERCHERKE
APVD 02FEB05 M.PERCHERKE
PRODUCT SPEC 108-1973
APPLICATION SPEC 114-13038
WEIGHT -

TE Connectivity

NAME RIGHT ANGLE HEADER W/GUIDES ASSEMBLY MULTI-BEAM XL -

| SIZE | CAGE CODE | DRAWING NO | RESTRICTED TO |
|---|---|---|---|
| A1 | 00779 | C-6450120 | - |

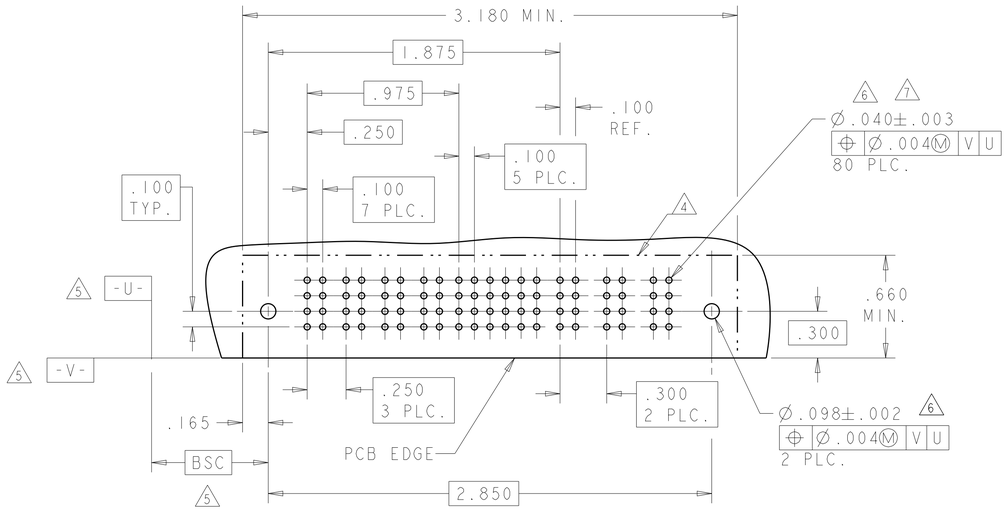
CUSTOMER DRAWING | SCALE 4:1 | SHEET 4 OF 24 | REV M2

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

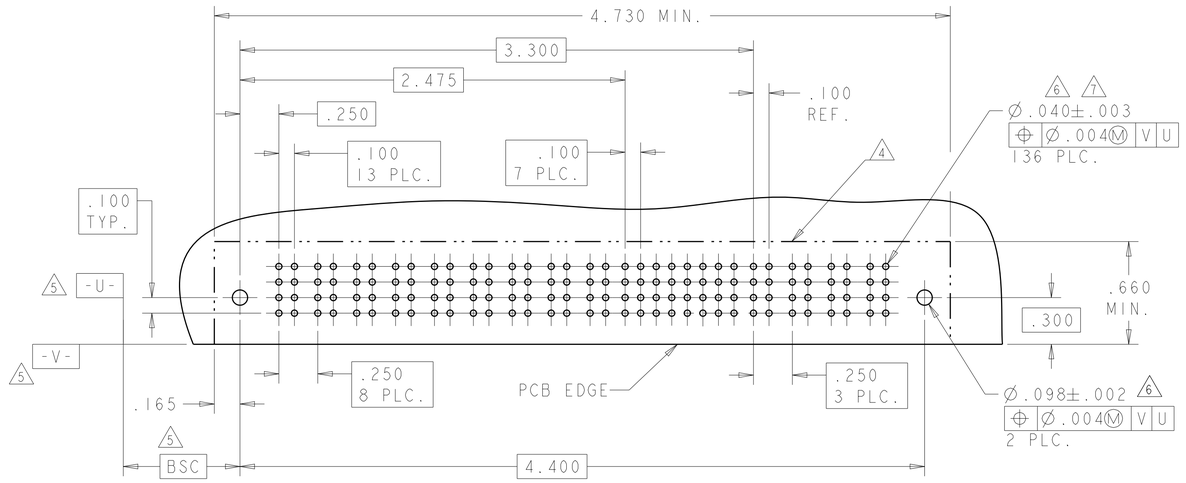
REVISIONS

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

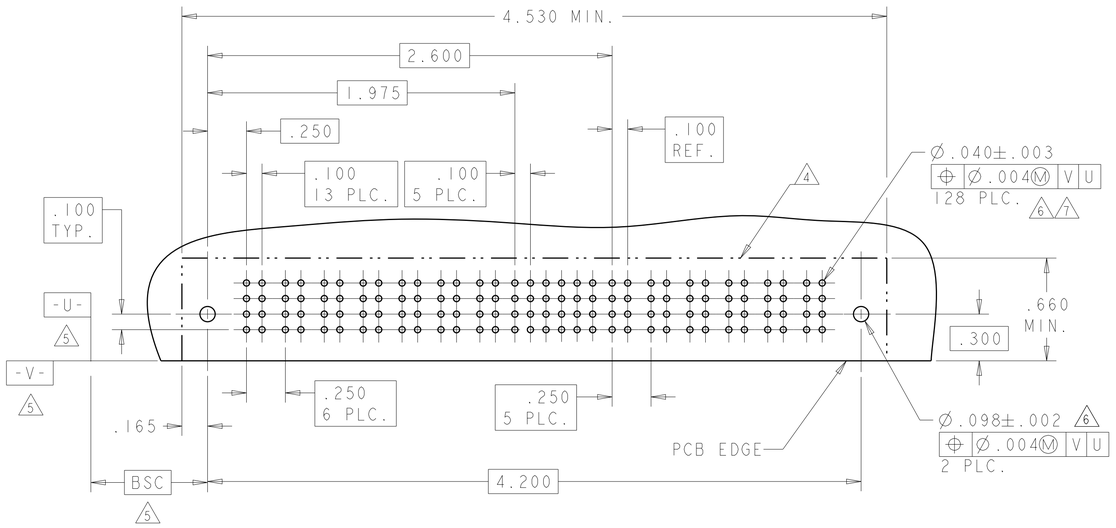
| PART NUMBER | ROWS | POWER | | | | SIGNAL | | | | | | POWER | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | P1 | P2 | P3 | P4 | 1 | 2 | 3 | 4 | 5 | 6 | P5 | P6 | P7 |
| 6450120-8 | D C B A | PM | PM | PM | PM | J K N S | J K N S | J K N S | J K N S | J K N S | J K N S | PM | PM | PM |
| 4P + 24S + 3ACP | | HD | | | | | | | | | | | | HD |



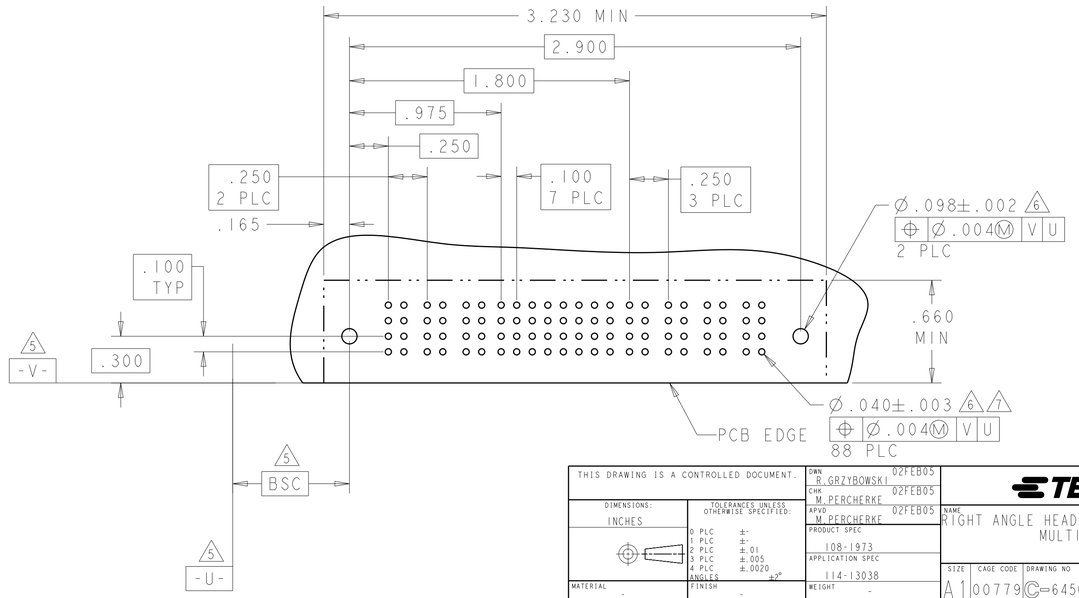

| PART NUMBER | ROWS | POWER | | | | | | | | | SIGNAL | | | | | | | | POWER | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | P1 | P2 | P3 | P4 | P5 | P6 | P7 | P8 | P9 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | P10 | P11 | P12 | P13 | |
| 1-6450120-0 | D C B A | PM | PM | | PM | PM | PM | PM | PM | PM | 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 | PM | PM | PM | PM | HD |
| 9P + 32S + 4P | | HD | | | | | | | | | | | | | | | | | | | | | |




| PART NUMBER | ROWS | POWER | | | SIGNAL | | | | | | | | POWER | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | P1 | P2 | P3 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | P4 | P5 | P6 | P7 |
| 6450120-9 | D C B A | PM | PM | PM | 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 | PM | PM | PM | PM |
| 7P + 24S + 6P | | HD | | | | | | | | | | | | | | HD |




| PART NUMBER | ROWS | POWER | | | SIGNAL | | | | | | | | POWER | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | P1 | P2 | P3 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | P4 | P5 | P6 | P7 |
| 2-1450120-1 | 4 3 2 1 | PM | PM | PM | 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 | PM | PM | PM | PM |
| 3P + 32S + 4P | | HD | | | | | | | | | | | | | | HD |




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 | R.GRZYBOWSKI | 02FEB05 |
| CHK | M.PERCHERKE | 02FEB05 |
| APVD | M.PERCHERKE | 02FEB05 |
| PRODUCT SPEC | 108-1973 | |
| APPLICATION SPEC | 114-13038 | |
| WEIGHT | - | |

TE Connectivity

NAME: RIGHT ANGLE HEADER W/GUIDES ASSEMBLY MULTI-BEAM XL -

| SIZE | CAGE CODE | DRAWING NO | RESTRICTED TO |
|---|---|---|---|
| A1 | 00779 | C-6450120 | - |

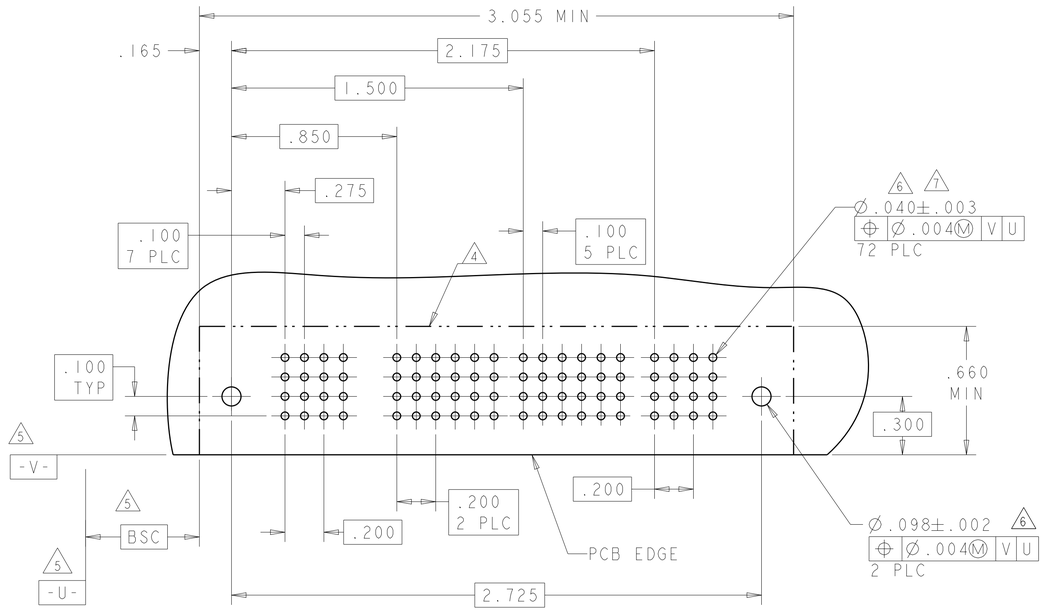
CUSTOMER DRAWING | SCALE 4:1 | SHEET 5 OF 24 | REV M2

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

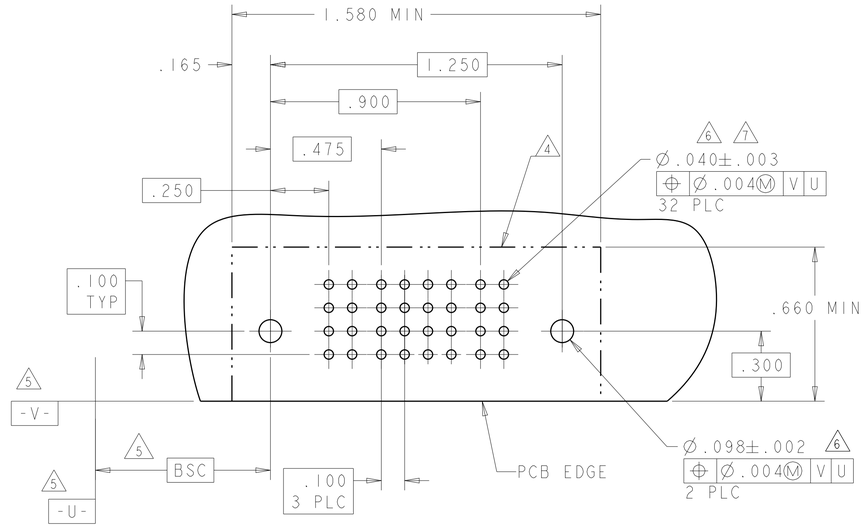
REVISIONS

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

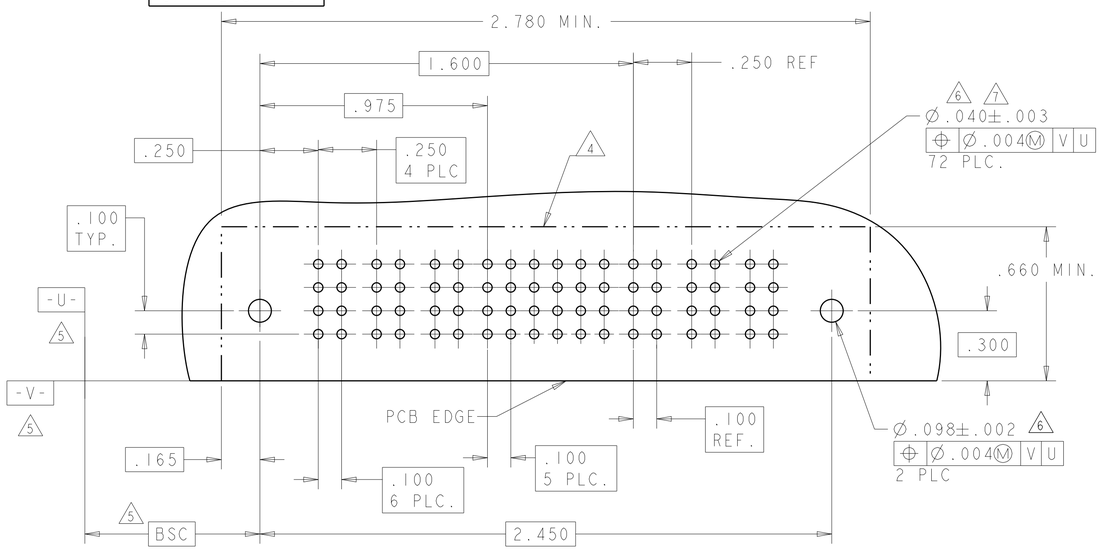
| PART NUMBER | ROWS | POWER | | | | | SIGNAL | | | | | | POWER | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | P1 | P2 | P3 | P4 | P5 | 1 | 2 | 3 | 4 | 5 | 6 | P6 | P7 |
| 1-6450120-1 | D C B A | PM | PM | PM | PM | | J K N S | J K N S | J K N S | J K N S | J K N S | J K N S | PM | PM |
| 5P + 24S + 2P | | HD | | | | | | | | | | | | HD |



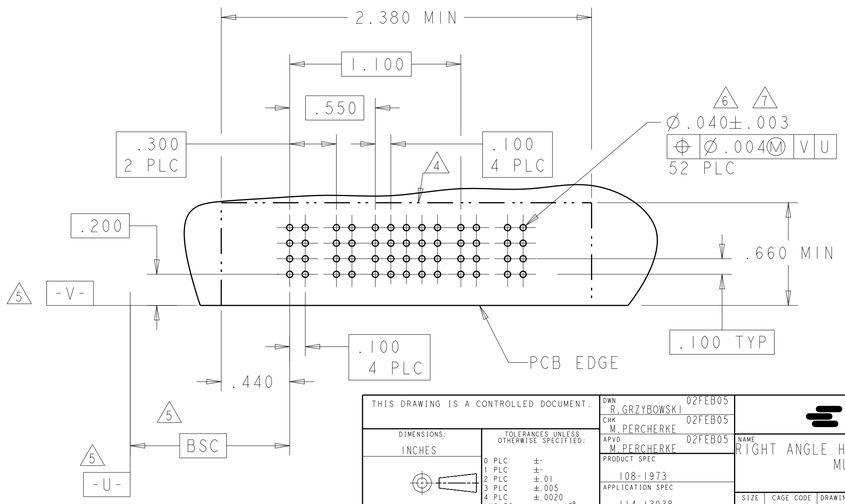

| PART NUMBER | ROWS | POWER | SIGNAL | | | | POWER |
|---|---|---|---|---|---|---|---|
| | | P1 | 1 | 2 | 3 | 4 | P2 |
| 1-6450120-3 | D C B A | PM | J K N S | J K N S | J K N S | J K N S | PM |
| 1P + 16S + 1P | | HD | | | | | HD |




| PART NUMBER | ROWS | POWER | | | SIGNAL | | | | | POWER | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | P1 | P2 | P3 | 1 | 2 | 3 | 4 | 5 | 6 | P4 | P5 | P6 |
| 1-6450120-2 | D C B A | PM | PM | PM | J K N S | J K N S | J K N S | J K N S | J K N S | J K N S | PM | PM | PM |
| 3P + 24S + 3P | | HD | | | | | | | | | | | HD |




| PART NUMBER | ROWS | POWER | | SIGNAL | | | | | POWER | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | P1 | P2 | 1 | 2 | 3 | 4 | 5 | P3 | P4 |
| 1-6450120-4 | D C B A | PM | PM | J K N S | J K N S | J K N S | J K N S | J K N S | PM | PM |
| 2P + 20S + 2P | | | | | | | | | | |




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 | R.GRZYBOWSKI | 02FEB05 |
| CHK | M.PERCHERKE | 02FEB05 |
| APVD | M.PERCHERKE | 02FEB05 |
| PRODUCT SPEC | 108-1973 | |
| APPLICATION SPEC | 114-13038 | |
| WEIGHT | - | |

TE Connectivity

NAME: RIGHT ANGLE HEADER W/GUIDES ASSEMBLY MULTI-BEAM XL
-

| SIZE | CAGE CODE | DRAWING NO | RESTRICTED TO |
|---|---|---|---|
| A1 | 00779 | C-6450120 | - |

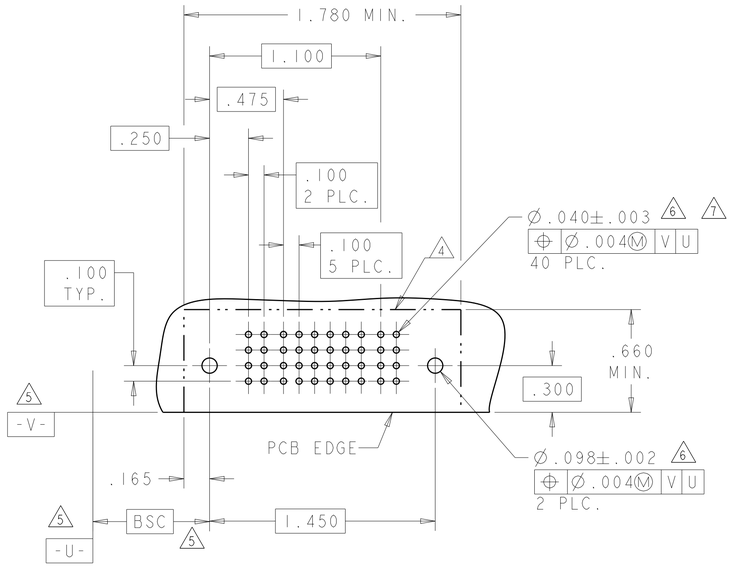
CUSTOMER DRAWING | SCALE 4:1 | SHEET 6 OF 24 | REV M2

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

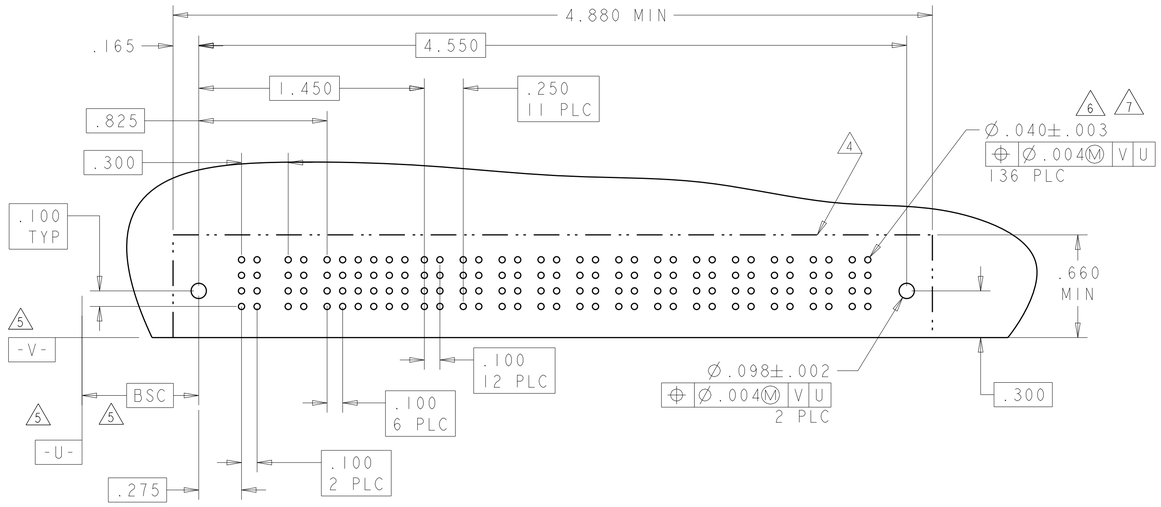
REVISIONS

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

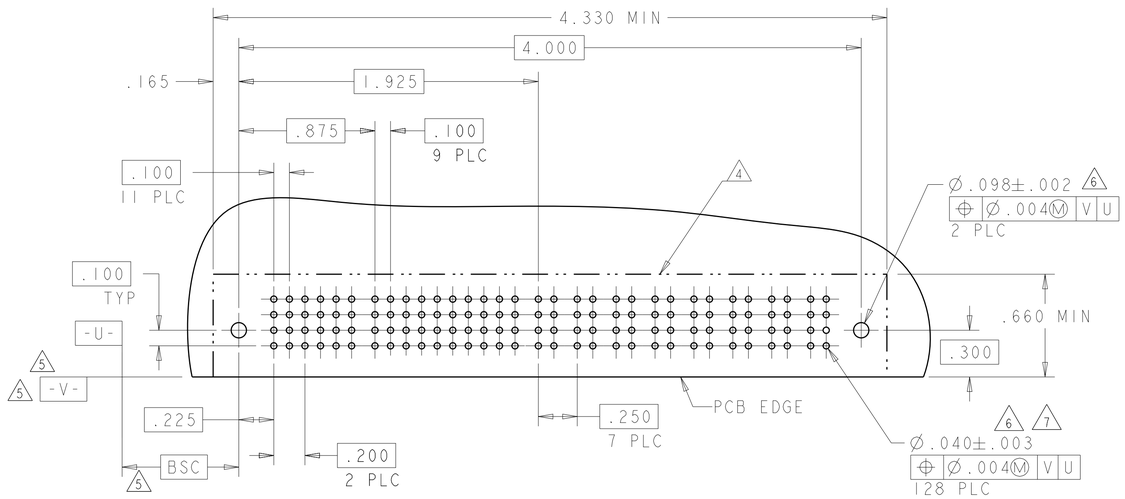
| PART NUMBER | ROWS | POWER | | SIGNAL | | | | | | POWER |
|---|---|---|---|---|---|---|---|---|---|---|
| | | P1 | | 1 | 2 | 3 | 4 | 5 | 6 | P2 |
| 1-6450120-6 | D C B A | PA | Z Y R O | Z Y R O | Z Y R O | Z Y R O | Z Y R O | Z Y R O | Z Y R O | PA |
| 1P + 24S + 1P | | HD | | | | | | | | HD |



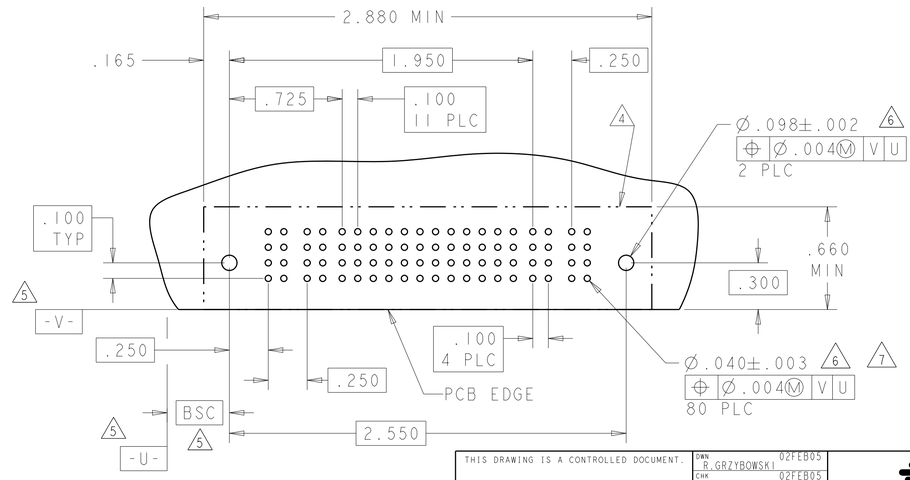

| PART NUMBER | ROWS | POWER | | SIGNAL | | | | | | POWER | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | P1 | P2 | 1 | 2 | 3 | 4 | 5 | 6 | P3 | P4 | P5 | P6 | P7 | P8 | P9 | P10 | P11 | P12 | P13 | P14 |
| 2-6450120-2 | D C B A | PM | PM | J K N S | J K N S | J K N S | J K N S | J K N S | J K N S | PM | PM | PM | PM | PM | PM | PM | PM | PM | PM | PM | PM |
| 2ACP + 24S + 12P | | HD | | | | | | | | | | | | | | | | | | | HD |




| PART NUMBER | ROWS | POWER | | | SIGNAL | | | | | | | | | | POWER | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | P1 | P2 | P3 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | P4 | P5 | P6 | P7 | P8 | P9 | P10 | P11 | |
| 2-6450120-0 | D C B A | PM | PM | PM | 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 | J K N S | J K N S | PM | PM | PM | PM | PM | PM | PM | PM | |
| 3P + 40S + 8P | | HD | | | | | | | | | | | | | | | | | | | | | HD |




| PART NUMBER | ROWS | POWER | | SIGNAL | | | | | | | | | | | | POWER | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | P1 | P2 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | P3 | P4 |
| 2-6450120-3 | D C B A | PM | PM | 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 | J K N S | J K N S | J K N S | J K N S | PM | PM |
| 2P + 48S + 2P | | HD | | | | | | | | | | | | | | | HD |




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 R.GRZYBOWSKI 02FEB05
CHK M.PERCHERKE 02FEB05
APVD M.PERCHERKE 02FEB05

TE Connectivity

NAME RIGHT ANGLE HEADER W/GUIDES ASSEMBLY MULTI-BEAM XL

PRODUCT SPEC 108-1973
APPLICATION SPEC 114-13038
WEIGHT -

SIZE A1 | CAGE CODE 00779 | DRAWING NO C-6450120 | RESTRICTED TO -

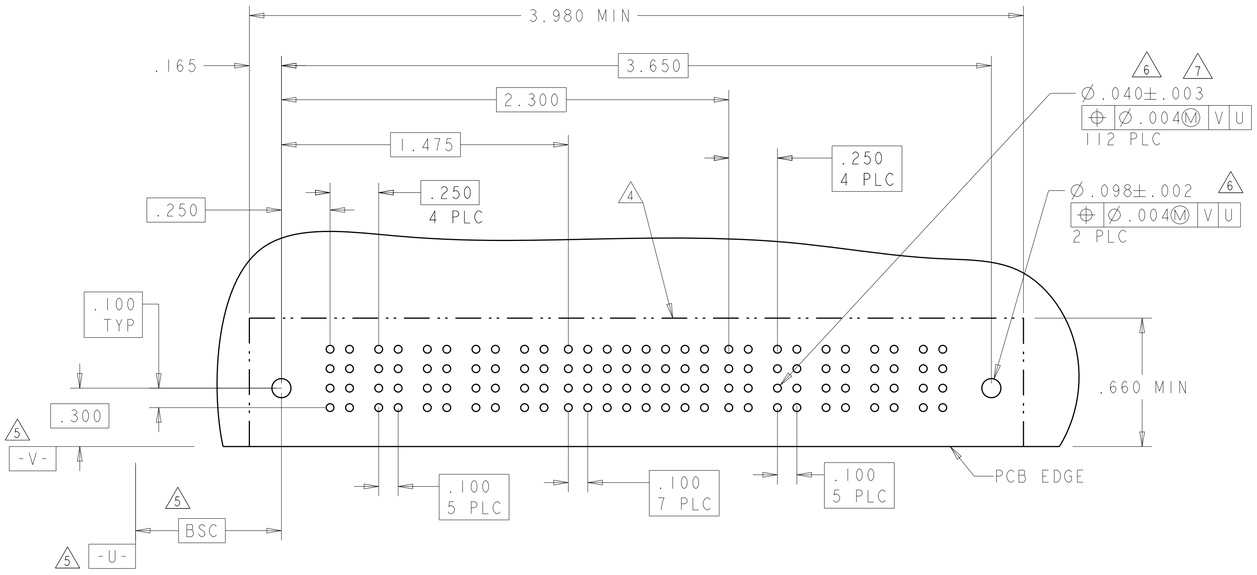
CUSTOMER DRAWING | SCALE 4:1 | SHEET 7 OF 24 | REV M2

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

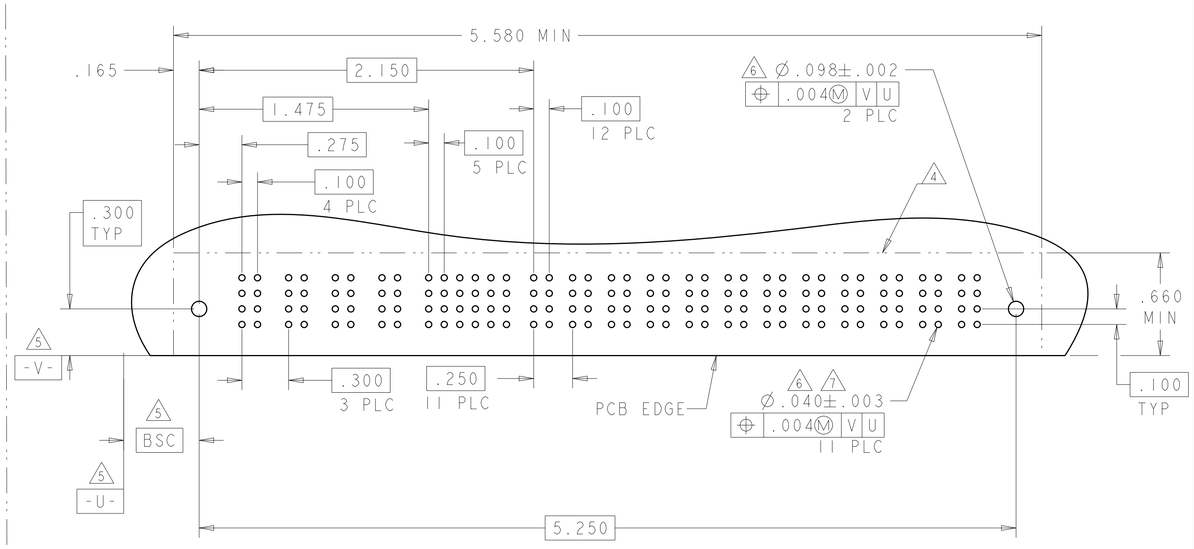
REVISIONS

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

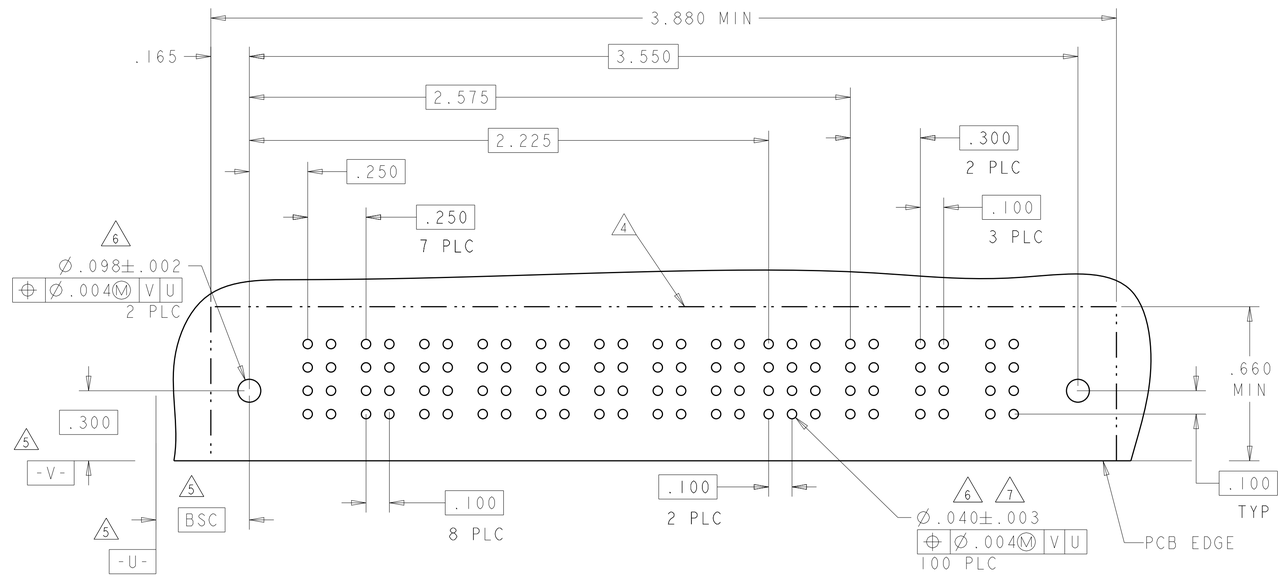
| PART NUMBER | ROWS | POWER | | | | | SIGNAL | | | | | | | | POWER | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | P1 | P2 | P3 | P4 | P5 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | P6 | P7 | P8 | P9 | P10 |
| 2-6450120-4 | D | PM | PM | PM | PM | PM | J | J | J | J | J | J | J | J | PM | PM | PM | PM | PM |
| | C | | | | | | K | K | K | K | K | K | K | K | | | | | |
| | B | | | | | | N | N | N | N | N | N | N | N | | | | | |
| | A | | | | | | S | S | S | S | S | S | S | S | | | | | |
| | | HD | | | | | | | | | | | | | | | | | | HD |
| 5P + 32S + 5P | | | | | | | | | | | | | | | | | | | | |



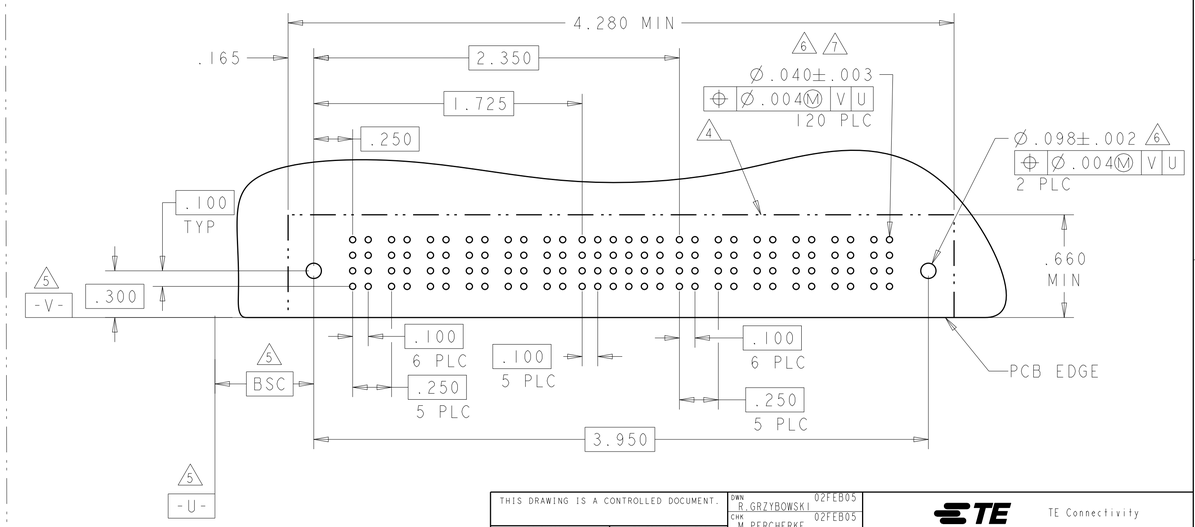

| PART NUMBER | ROWS | AC POWER | | | | SIGNAL | | | | | | POWER | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | P1 | P2 | P3 | P4 | 1 | 2 | 3 | 4 | 5 | 6 | P5 | P6 | P7 | P8 | P9 | P10 | P11 | P12 | P13 | P14 | P15 | P16 | | | |
| 2-6450120-6 | D | PM | PM | PM | PM | J | J | J | J | J | J | PM | PM | PM | PM | PM | PM | PM | PM | PM | PM | PM | PM | | | |
| | C | | | | | K | K | K | K | K | K | | | | | | | | | | | | | | | |
| | B | | | | | N | N | N | N | N | N | | | | | | | | | | | | | | | |
| | A | | | | | S | S | S | S | S | S | | | | | | | | | | | | | | | |
| | | HD | | | | | | | | | | | | | | | | | | | | | | HD | | |
| 4ACP + 24S + 12P | | | | | | | | | | | | | | | | | | | | | | | | | | |




| PART NUMBER | ROWS | POWER | | | | | | | | SIGNAL | | | POWER | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | P1 | P2 | P3 | P4 | P5 | P6 | P7 | P8 | 1 | 2 | 3 | P9 | P10 | P11 | | | | | | |
| 3-6450120-3 | D | PM | PM | PM | PM | PM | PM | PM | PM | J | J | J | PM | PM | PM | | | | | | |
| | C | | | | | | | | | K | K | K | | | | | | | | | |
| | B | | | | | | | | | N | N | N | | | | | | | | | |
| | A | | | | | | | | | S | S | S | | | | | | | | | |
| | | HD | | | | | | | | | | | | | | | | | | | HD |
| 8P + 12S + 3ACP | | | | | | | | | | | | | | | | | | | | | |




| PART NUMBER | ROWS | POWER | | | | | | SIGNAL | | | | | | POWER | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | P1 | P2 | P3 | P4 | P5 | P6 | 1 | 2 | 3 | 4 | 5 | 6 | P7 | P8 | P9 | P10 | P11 | P12 | |
| 2-6450120-7 | D | PM | PM | PM | PM | PM | PM | J | J | J | J | J | J | PM | PM | PM | PM | PM | PM | |
| | C | | | | | | | K | K | K | K | K | K | | | | | | | |
| | B | | | | | | | N | N | N | N | N | N | | | | | | | |
| | A | | | | | | | S | S | S | S | S | S | | | | | | | |
| | | HD | | | | | | | | | | | | | | | | | | HD |
| 6P + 24S + 6P | | | | | | | | | | | | | | | | | | | | |




| | | | |
|---|---|---|---|
| THIS DRAWING IS A CONTROLLED DOCUMENT. | DWN R.GRZYBOWSKI 02FEB05 | TE Connectivity | |
| DIMENSIONS: INCHES | CHK M.PERCHERKE 02FEB05 | NAME RIGHT ANGLE HEADER W/GUIDES ASSEMBLY MULTI-BEAM XL | |
| TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±- 1 PLC ±- 2 PLC ±.01 3 PLC ±.005 4 PLC ±.0020 ANGLES ±2° | APVD M.PERCHERKE 02FEB05 | - | |
| | PRODUCT SPEC 108-1973 | | |
| | APPLICATION SPEC 114-13038 | SIZE A1 | CAGE CODE 00779 |
| MATERIAL - - | WEIGHT - | DRAWING NO C-6450120 | RESTRICTED TO - |
| FINISH - - | CUSTOMER DRAWING | SCALE 4:1 | SHEET 8 OF 24 REV M2 |

4805 (3/11)

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

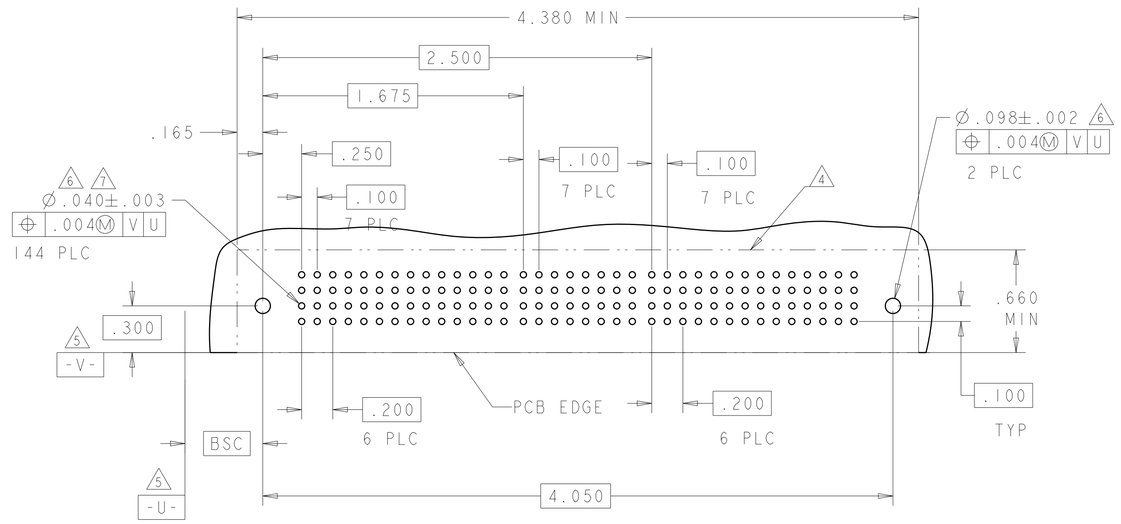
REVISIONS

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

| PART NUMBER | ROWS | POWER P1 | P2 | P3 | P4 | P5 | P6 | P7 | SIGNAL 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | POWER P8 | P9 | P10 | P11 | P12 | P13 | P14 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3-6450120-0 | D C B A | PM | PM | PM | PM | PM | PM | PM | 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 | PM | PM | PM | PM | PM | PM | PM |

HD HD

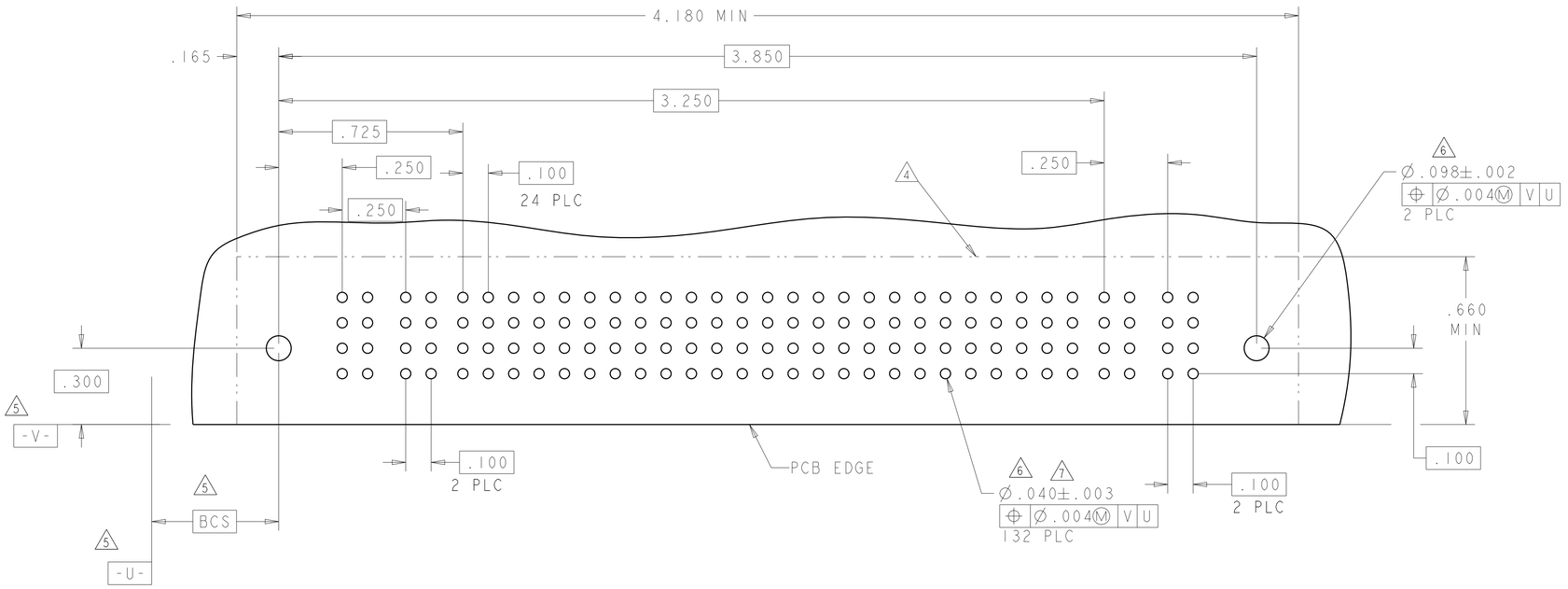
7HDP + 32S + 7HDP




| PART NUMBER | ROWS | POWER P1 | P2 | SIGNAL 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | POWER P3 | P4 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3-6450120-6 | D C B A | PM | PM | 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 | 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 | 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 | J K N S | PM | PM |

HD HD

2P + 100S + 2P




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 | R.GRZYBOWSKI | 02FEB05 |
| CHK | M.PERCHERKE | 02FEB05 |
| APVD | M.PERCHERKE | 02FEB05 |
| PRODUCT SPEC | 108-1973 | |
| APPLICATION SPEC | 114-13038 | |
| WEIGHT | - | |

TE Connectivity

NAME RIGHT ANGLE HEADER W/GUIDES ASSEMBLY MULTI-BEAM XL -

| SIZE | CAGE CODE | DRAWING NO | RESTRICTED TO |
|---|---|---|---|
| A1 | 00779 | C-6450120 | - |

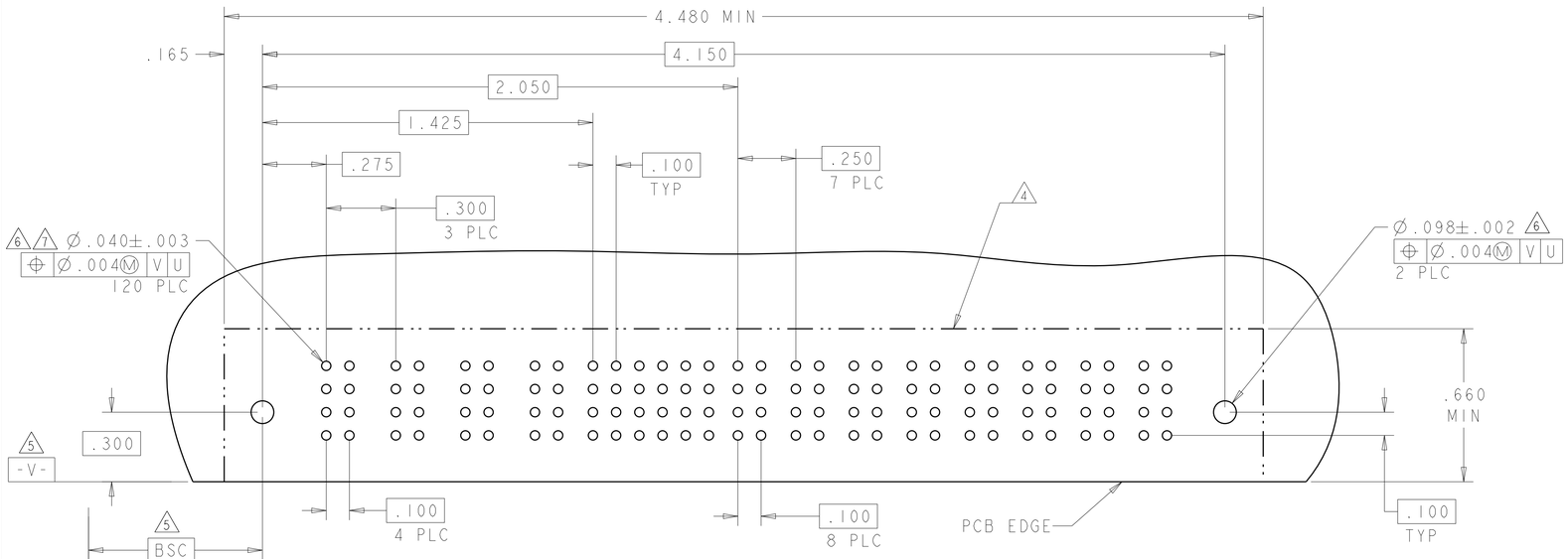
CUSTOMER DRAWING | SCALE 4:1 | SHEET 9 OF 24 | REV M2

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

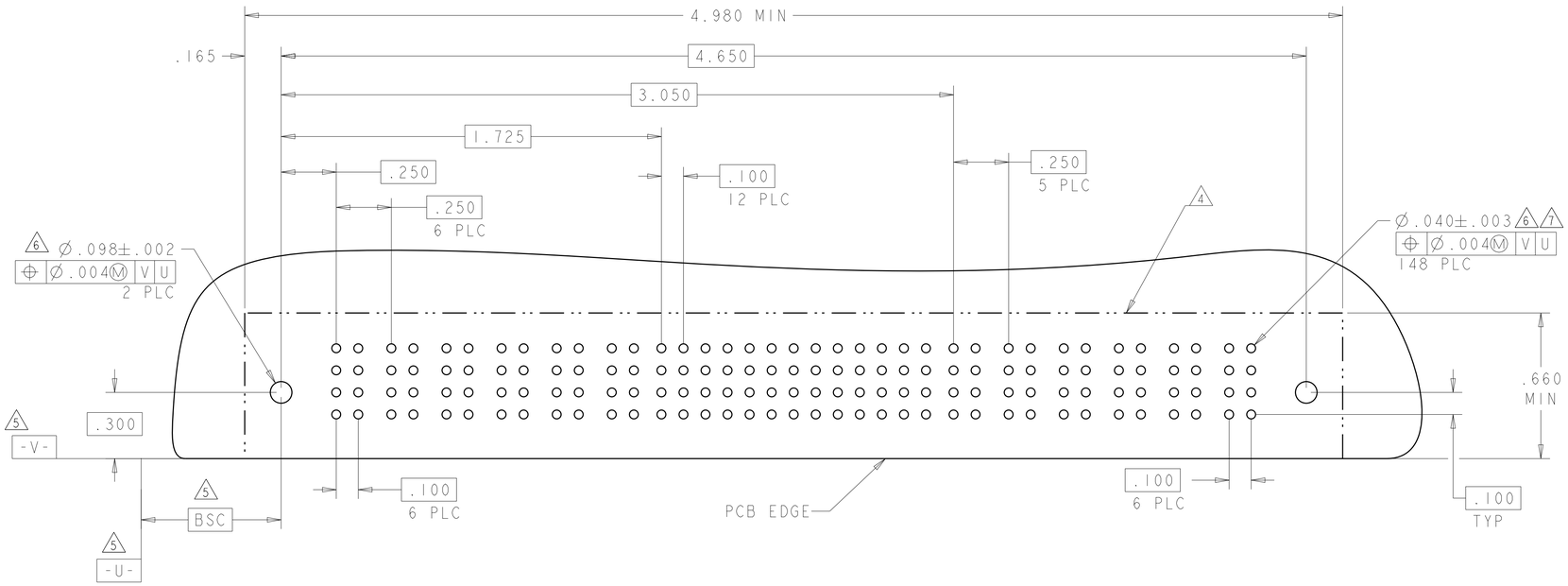
REVISIONS

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

| PART NUMBER | ROWS | POWER P1 | P2 | P3 | P4 | SIGNAL 1 | 2 | 3 | 4 | 5 | 6 | POWER P5 | P6 | P7 | P8 | P9 | P10 | P11 | P12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 4-6450120-0 | D C B A | PM | PM | PM | PM | J K N S | J K N S | J K N S | J K N S | J K N S | J K N S | PM | PM | PM | PM | PM | PM | PM | PM |
| 4ACP + 24S + 8P | | HD | | | | | | | | | | | | | | | | | HD |




| PART NUMBER | ROWS | POWER P1 | P2 | P3 | P4 | P5 | P6 | SIGNAL 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | POWER P7 | P8 | P9 | P10 | P11 | P12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3-6450120-5 | D C B A | PM | PM | PM | PM | PM | PM | 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 | J K N S | J K N S | J K N S | J K N S | J K N S | PM | PM | PM | PM | PM | PM |
| 6P + 52S + 6P | | HD | | | | | | | | | | | | | | | | | | | | | | | | HD |




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 R GRZYBOWSKI 02FEB05
CHK M PERCHERKE 02FEB05
APVD M PERCHERKE 02FEB05
PRODUCT SPEC 108-1973
APPLICATION SPEC 114-13038
WEIGHT -

TE Connectivity

NAME RIGHT ANGLE HEADER W/GUIDES ASSEMBLY MULTI-BEAM XL -

| SIZE | CAGE CODE | DRAWING NO | RESTRICTED TO |
|---|---|---|---|
| A1 | 00779 | C-6450120 | - |

CUSTOMER DRAWING | SCALE 4:1 | SHEET 10 OF 24 | REV M2

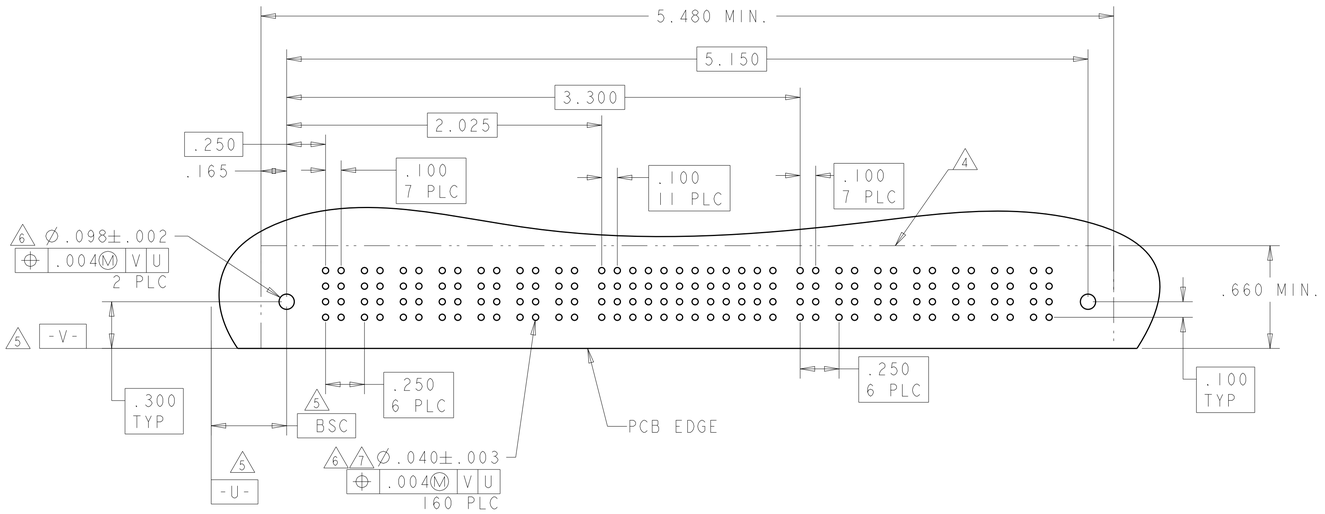
| LOC | DIST |
|---|---|
| ES | 00 |

REVISIONS

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

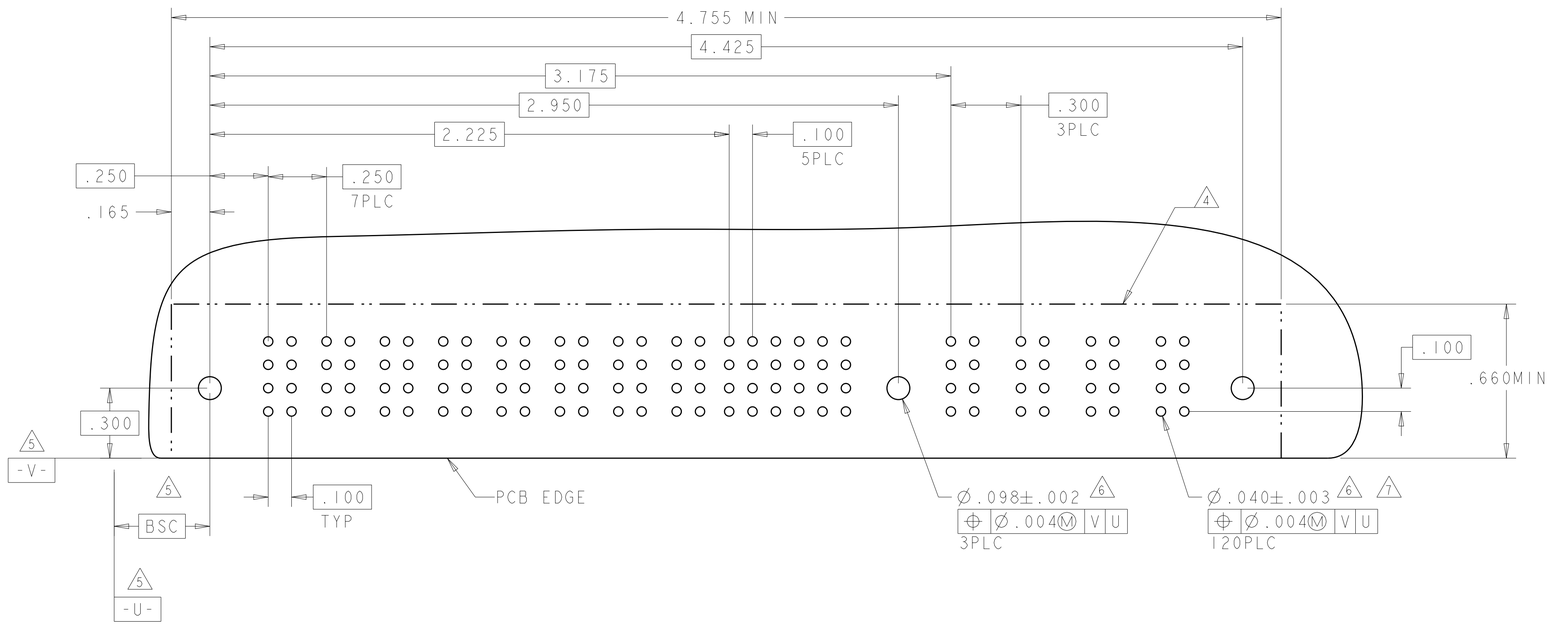
| PART NUMBER | ROWS | POWER | | | | | | | SIGNAL | | | | | | | | | | | POWER | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | P1 | P2 | P3 | P4 | P5 | P6 | P7 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | P8 | P9 | P10 | P11 | P12 | P13 | P14 |
| 3-6450120-4 | D C B A | PM | PM | PM | PM | PM | PM | PM | 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 | J K N S | J K N S | J K N S | J K N S | PM | PM | PM | PM | PM | PM | PM |
| 7P + 48S + 7P | | | | | | | | | | | | | | | | | | | | | | | | | | | |

HD




| PART NUMBER | ROWS | POWER | | | | | | | | SIGNAL | | | | | | POWER | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | P1 | P2 | P3 | P4 | P5 | P6 | P7 | P8 | 1 | 2 | 3 | 4 | 5 | 6 | P9 | P10 | P11 | P12 | |
| 4-6450120-2 | D C B A | PM | PM | PM | PM | PM | PM | PM | PM | J K N S | J K N S | J K N S | J K N S | J K N S | J K N S | PM | PM | PM | PM | |
| 8P + 24S + 1M + 4ACP | | | | | | | | | | | | | | | | | | | | |

HD



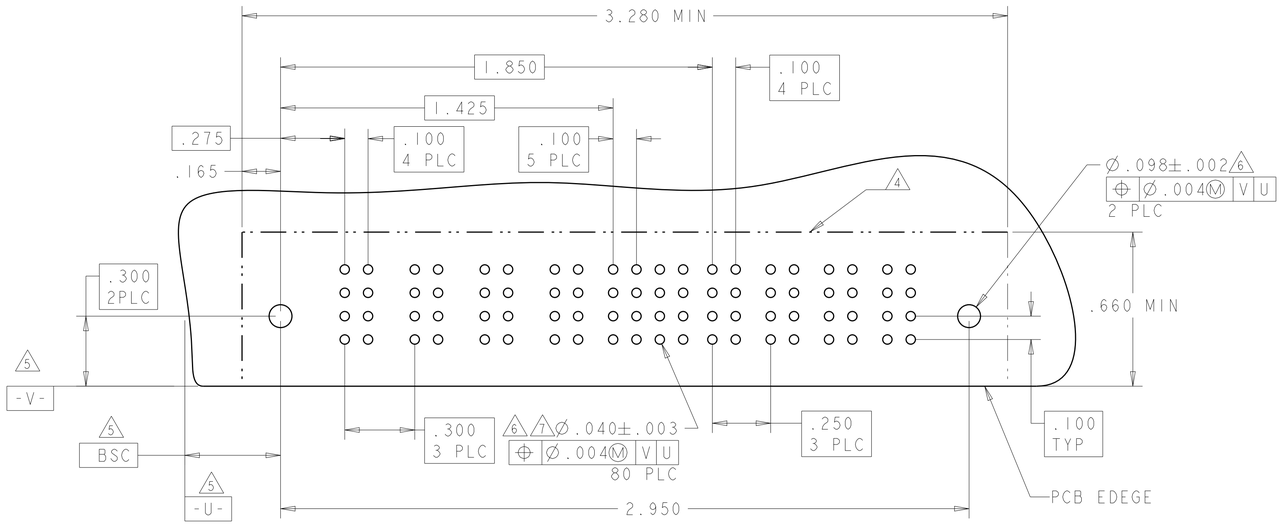

| | | | |
|---|---|---|---|
| THIS DRAWING IS A CONTROLLED DOCUMENT. | DWN R.GRZYBOWSKI 02FEB05 | TE Connectivity | |
| DIMENSIONS: INCHES | CHK M.PERCHERKE 02FEB05 | NAME RIGHT ANGLE HEADER W/GUIDES ASSEMBLY MULTI-BEAM XL - | |
| TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±- 1 PLC ±- 2 PLC ±.01 3 PLC ±.005 4 PLC ±.0020 ANGLES ±2° | APVD M.PERCHERKE 02FEB05 | PRODUCT SPEC 108-1973 | |
| | | APPLICATION SPEC 114-13038 | |
| MATERIAL - - | FINISH - - | WEIGHT - | SIZE A1 CAGE CODE 00779 DRAWING NO C-6450120 RESTRICTED TO - |
| | | CUSTOMER DRAWING | SCALE 4:1 SHEET 11 OF 24 REV M2 |

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

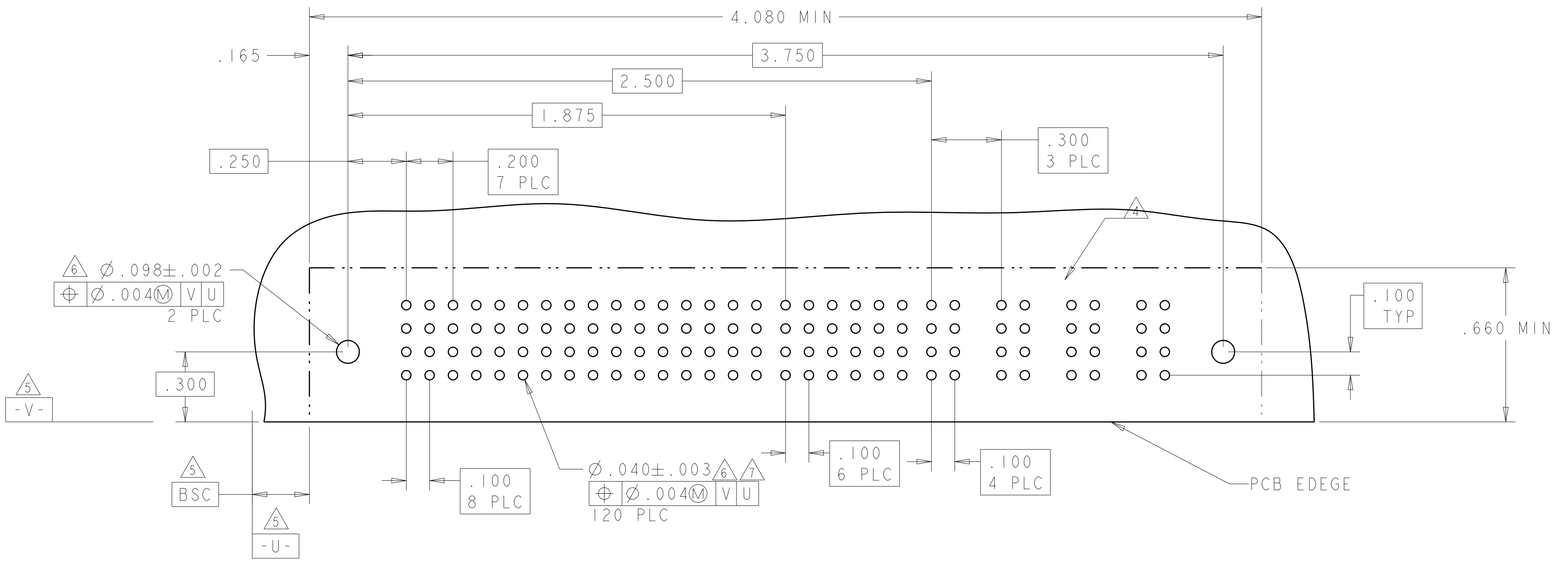
REVISIONS

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

| PART NUMBER | ROWS | POWER P1 | POWER P2 | POWER P3 | POWER P4 | SIGNAL 1 | SIGNAL 2 | SIGNAL 3 | SIGNAL 4 | POWER P5 | POWER P6 | POWER P7 | POWER P8 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 4-6450120-3 | D C B A | PM | PM | PM | PM | J K N S | J K N S | J K N S | J K N S | PM | PM | PM | PM |
| 4ACP + 16S + 4P | | HD | | | | | | | | | | | HD |




| PART NUMBER | ROWS | POWER P1 | POWER P2 | POWER P3 | POWER P4 | POWER P5 | POWER P6 | POWER P7 | POWER P8 | SIGNAL 1 | SIGNAL 2 | SIGNAL 3 | SIGNAL 4 | SIGNAL 5 | SIGNAL 6 | POWER P9 | POWER P10 | POWER P11 | POWER P12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 4-6450120-4 | D C B A | PM | PM | PM | PM | PM | PM | PM | PM | J K N S | J K N S | J K N S | J K N S | J K N S | J K N S | PM | PM | PM | PM |
| 8P + 24S + 4ACP | | | | | | | | | | | | | | | | | | | |




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 | R GRZYBOWSKI | 02FEB05 |
| CHK | M PERCHERKE | 02FEB05 |
| APVD | M PERCHERKE | 02FEB05 |
| PRODUCT SPEC | 108-1973 | |
| APPLICATION SPEC | 114-13038 | |
| WEIGHT | - | |

TE Connectivity

NAME RIGHT ANGLE HEADER W/GUIDES ASSEMBLY MULTI-BEAM XL -

| SIZE | CAGE CODE | DRAWING NO | RESTRICTED TO |
|---|---|---|---|
| A1 | 00779 | C-6450120 | - |

CUSTOMER DRAWING | SCALE 4:1 | SHEET 12 OF 24 | REV M2

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

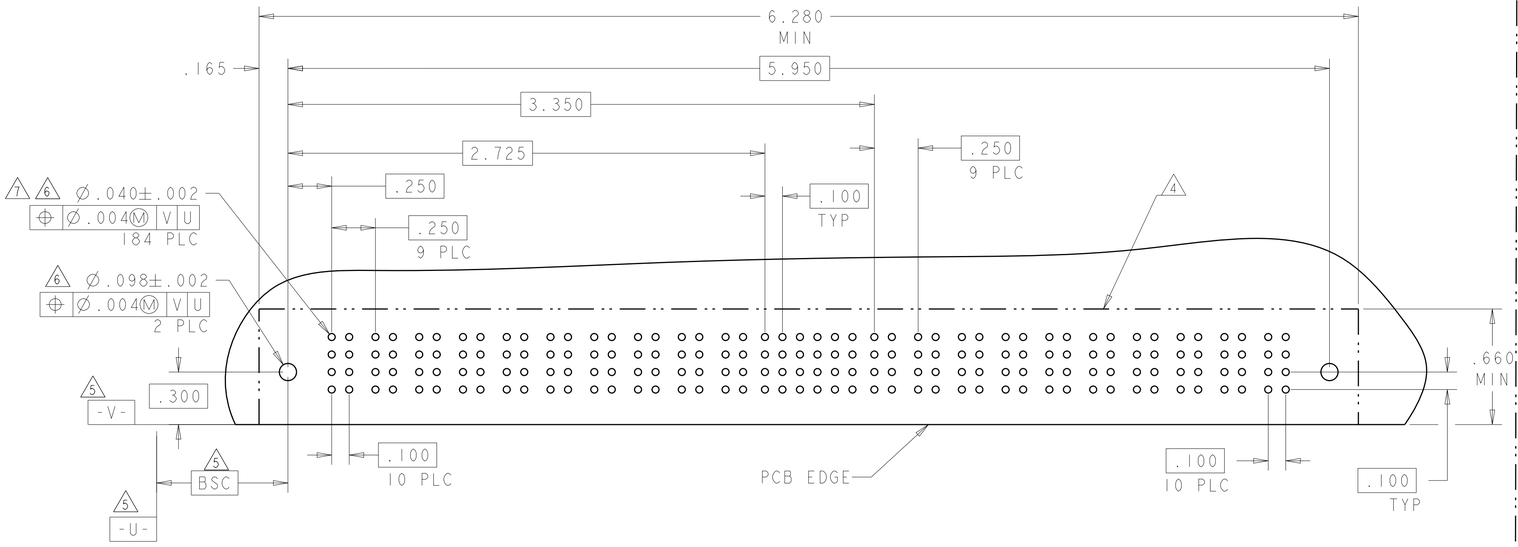
REVISIONS

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

| PART NUMBER | ROWS | POWER P1 | P2 | P3 | P4 | P5 | P6 | P7 | P8 | P9 | P10 | SIGNAL 1 | 2 | 3 | 4 | 5 | 6 | POWER P11 | P12 | P13 | P14 | P15 | P16 | P17 | P18 | P19 | P20 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 4-6450120-5 | D C B A | PM | PM | PM | PM | PM | PM | PM | PM | PM | PM | J K N S | J K N S | J K N S | J K N S | J K N S | J K N S | PM | PM | PM | PM | PM | PM | PM | PM | PM | PM |

HD HD

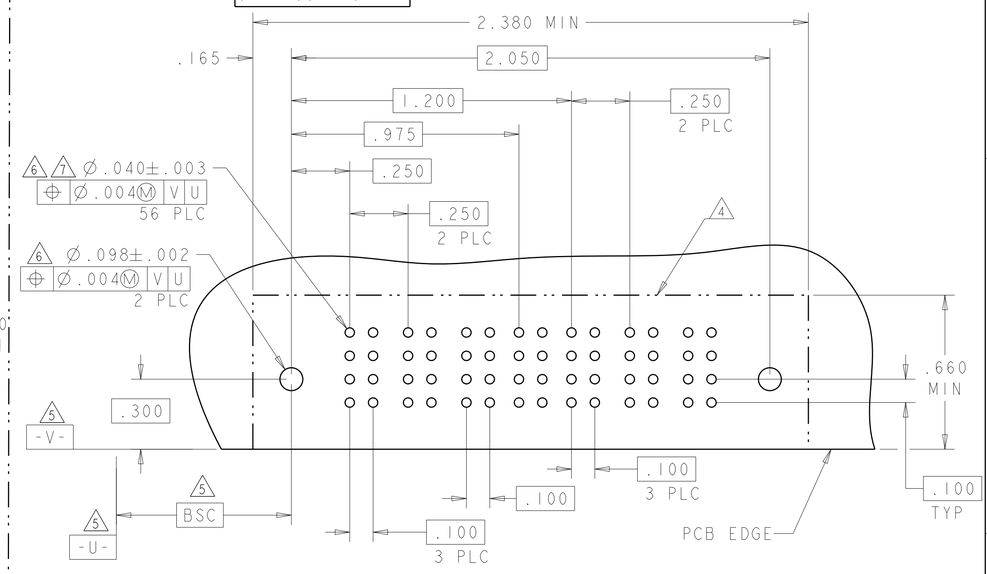
10P + 24S + 10P




| PART NUMBER | ROWS | POWER P1 | P2 | P3 | SIGNAL 1 | 2 | POWER P4 | P5 | P6 |
|---|---|---|---|---|---|---|---|---|---|
| 4-6450120-6 | D C B A | PM | PM | PM | J K N S | J K N S | PM | PM | PM |

HD HD

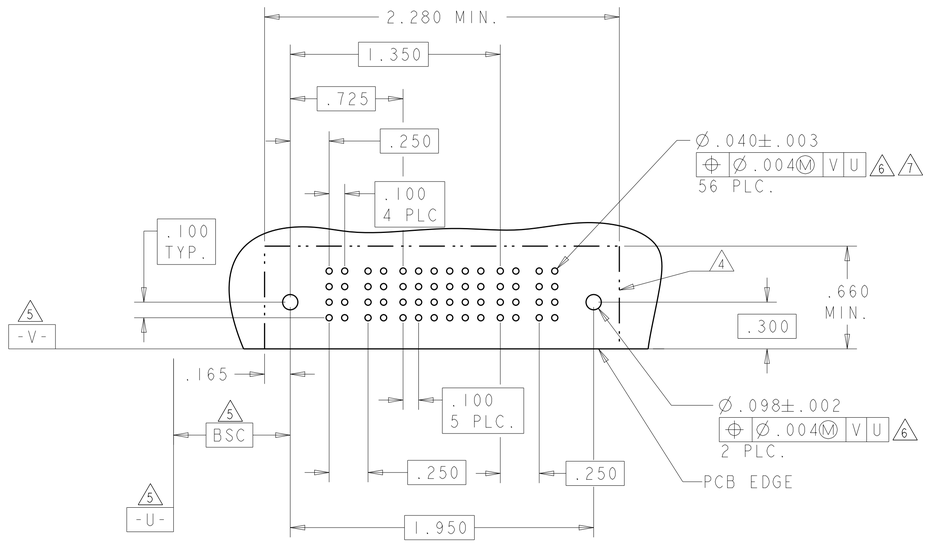
3P + 8S + 3P




| PART NUMBER | ROWS | POWER P1 | P2 | SIGNAL 1 | 2 | 3 | 4 | 5 | 6 | POWER P3 | P4 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 4-6450120-7 | D C B A | PM | PM | J K N S | J K N S | J K F G | J K N S | J K N S | J K N S | PM | PM |

HD HD

2P + 24S + 2P



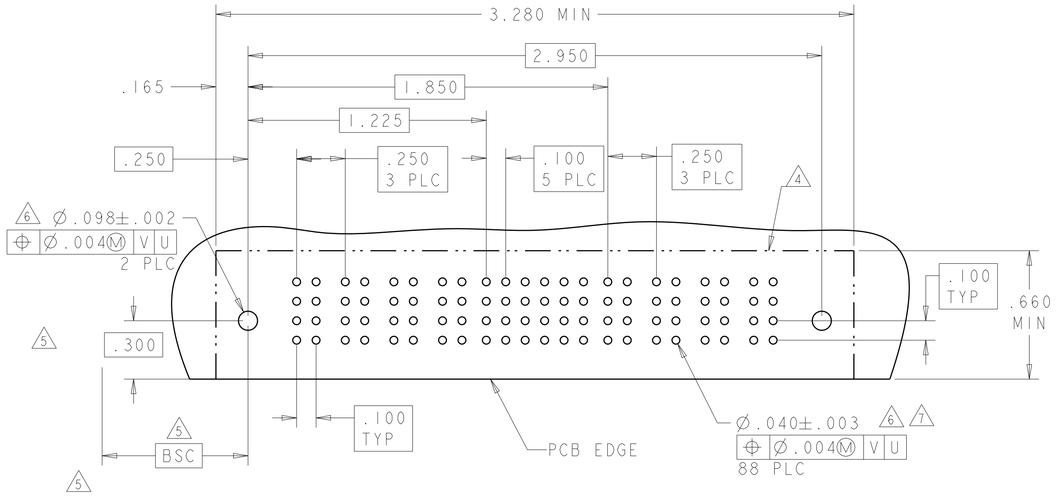

| | | | |
|---|---|---|---|
| THIS DRAWING IS A CONTROLLED DOCUMENT. | DWN R.GRZYBOWSKI 02FEB05 | TE Connectivity | |
| DIMENSIONS: INCHES | CHK M.PERCHERKE 02FEB05 | NAME RIGHT ANGLE HEADER W/GUIDES ASSEMBLY MULTI-BEAM XL - | |
| TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±- 1 PLC ±- 2 PLC ±.01 3 PLC ±.005 4 PLC ±.0020 ANGLES ±2° | APVD M.PERCHERKE 02FEB05 | PRODUCT SPEC 108-1973 | |
| | | APPLICATION SPEC 114-13038 | |
| MATERIAL - - | FINISH - - | WEIGHT - | SIZE A1 · CAGE CODE 00779 · DRAWING NO C-6450120 · RESTRICTED TO - |
| | | CUSTOMER DRAWING | SCALE 4:1 · SHEET 13 OF 24 · REV M2 |

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

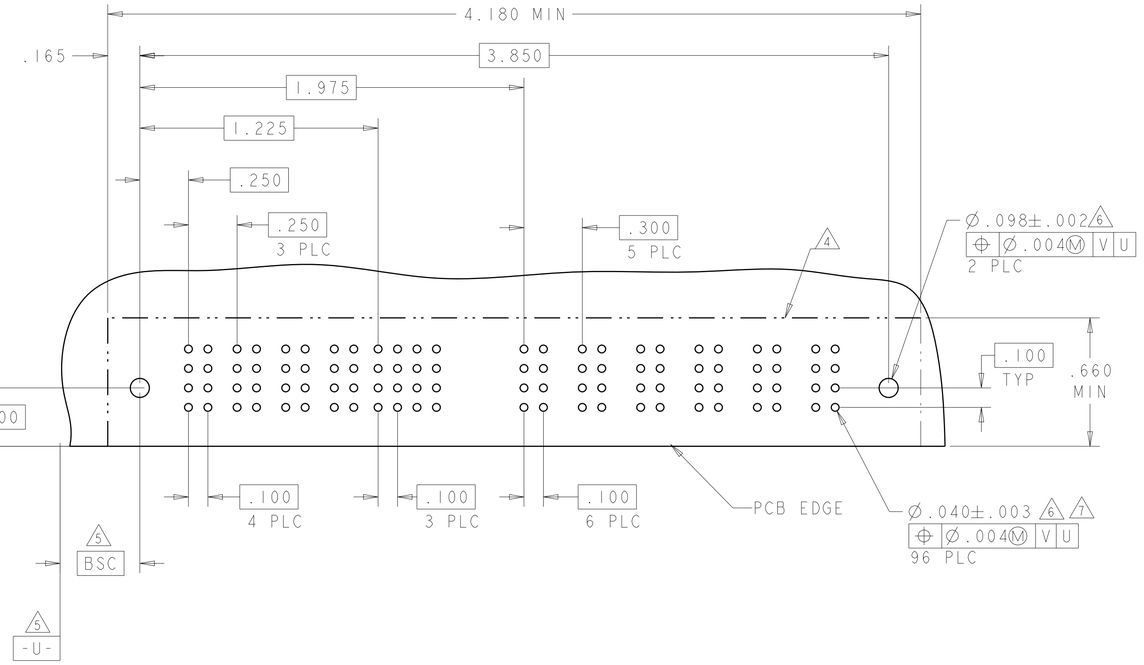
REVISIONS

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

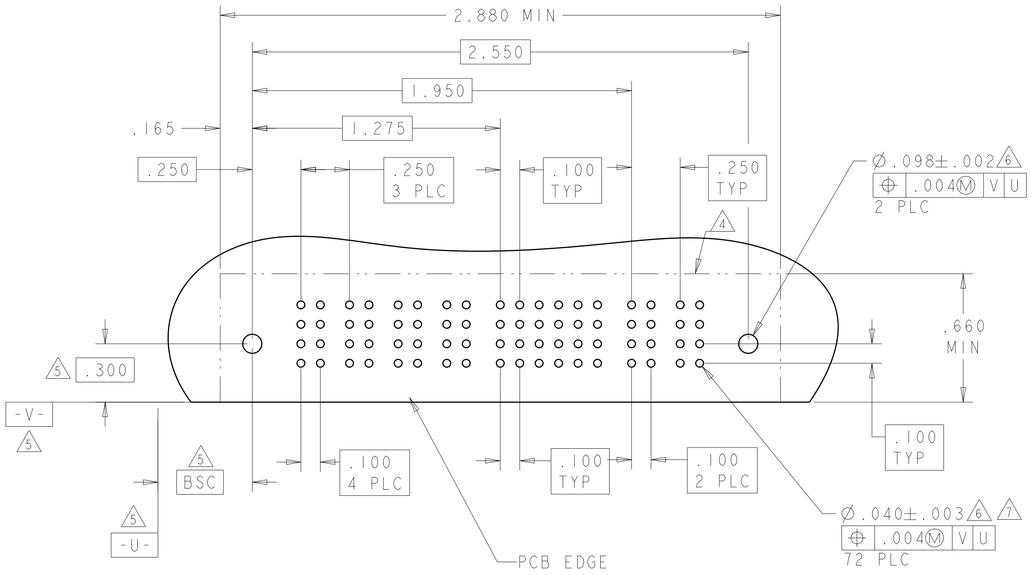
| PART NUMBER | ROWS | POWER | | | | SIGNAL | | | | | | POWER | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | P1 | P2 | P3 | P4 | 1 | 2 | 3 | 4 | 5 | 6 | P5 | P6 | P7 | P8 |
| 4-6450120-8 | D | PM | PM | PM | PM | J | J | J | J | J | J | PM | PM | PM | PM |
| | C | | | | | K | K | K | K | K | K | | | | |
| | B | | | | | N | N | N | N | N | N | | | | |
| | A | | | | | S | S | S | S | S | S | | | | |
| | | HD | | | | | | | | | | | | | HD |
| 4P + 24S + 4P | | | | | | | | | | | | | | | |




| PART NUMBER | ROWS | POWER | | | | SIGNAL | | | | POWER | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | P1 | P2 | P3 | P4 | 1 | 2 | 3 | 4 | P5 | P6 | P7 | P8 | P9 | P10 | P11 | |
| 5-6450120-0 | D | PM | PM | PM | PM | J | J | J | J | PM | PM | PM | PM | PM | PM | PM | HD |
| | C | | | | | K | K | K | K | | | | | | | | |
| | B | | | | | N | N | N | N | | | | | | | | |
| | A | HD | | | | S | S | S | S | | | | | | | | |
| 4P + 16S + 7ACP | | | | | | | | | | | | | | | | | |




| PART NUMBER | ROWS | POWER | | | | SIGNAL | | | | | | POWER | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | P1 | P2 | P3 | P4 | 1 | 2 | 3 | 4 | 5 | 6 | P5 | P6 | |
| 2-6450120-5 | D | PM | PM | PM | PM | J | J | J | J | J | J | PM | PM | HD |
| | C | | | | | K | K | K | K | K | K | | | |
| | B | | | | | N | N | N | N | N | N | | | |
| | A | HD | | | | S | S | S | S | S | S | | | |
| 4P + 24S + 2P | | | | | | | | | | | | | | |



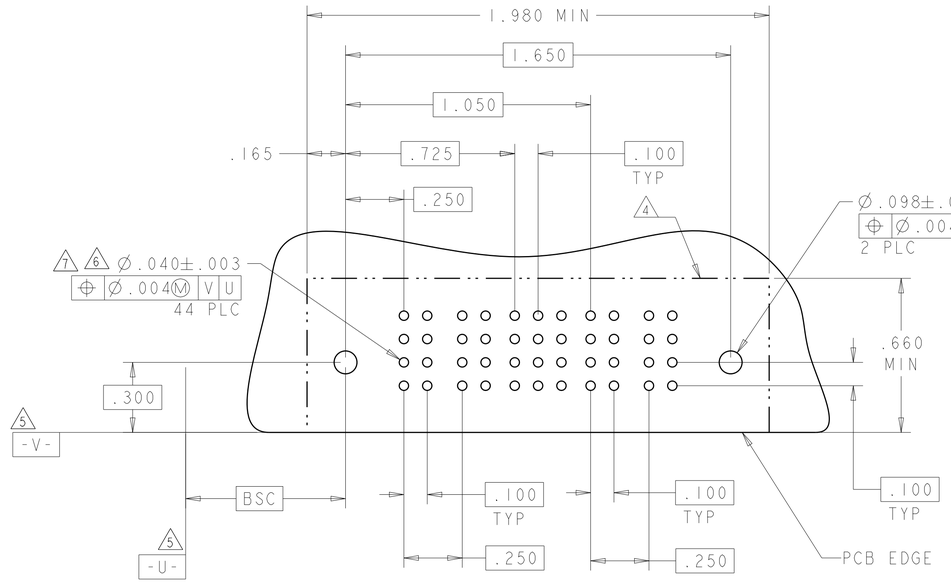

| | | | |
|---|---|---|---|
| THIS DRAWING IS A CONTROLLED DOCUMENT. | DWN R.GRZYBOWSKI 02FEB05 | TE Connectivity | |
| DIMENSIONS: INCHES | CHK M.PERCHERKE 02FEB05 | NAME RIGHT ANGLE HEADER W/GUIDES ASSEMBLY MULTI-BEAM XL | |
| TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±- 1 PLC ±- 2 PLC ±.01 3 PLC ±.005 4 PLC ±.0020 ANGLES ±2° | APVD M.PERCHERKE 02FEB05 | | |
| | PRODUCT SPEC 108-1973 | | |
| | APPLICATION SPEC 114-13038 | SIZE A1 CAGE CODE 00779 DRAWING NO C-6450120 | RESTRICTED TO - |
| MATERIAL - - | WEIGHT - FINISH - - | CUSTOMER DRAWING | SCALE 4:1 SHEET 14 OF 24 REV M2 |

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

REVISIONS

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

| PART NUMBER | ROWS | | POWER | | SIGNAL | | | POWER | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | P1 | P2 | 1 | 2 | 3 | P3 | P4 | |
| 4-6450120-9 | D<br>C<br>B<br>A | HD | PM | PM | J<br>K<br>N<br>S | J<br>K<br>N<br>S | J<br>K<br>N<br>S | PM | PM | HD |
| 2P + 12S + 2P | | | | | | | | | | |




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 R GRZYBOWSKI | 02FEB05 |
| CHK M PERCHERKE | 02FEB05 |
| APVD M PERCHERKE | 02FEB05 |
| PRODUCT SPEC | 108-1973 |
| APPLICATION SPEC | 114-13038 |
| WEIGHT | - |

TE Connectivity

NAME RIGHT ANGLE HEADER W/GUIDES ASSEMBLY
MULTI-BEAM XL
-

| SIZE | CAGE CODE | DRAWING NO | RESTRICTED TO |
|---|---|---|---|
| A1 | 00779 | C-6450120 | - |

CUSTOMER DRAWING | SCALE 4:1 | SHEET 15 OF 24 | REV M2

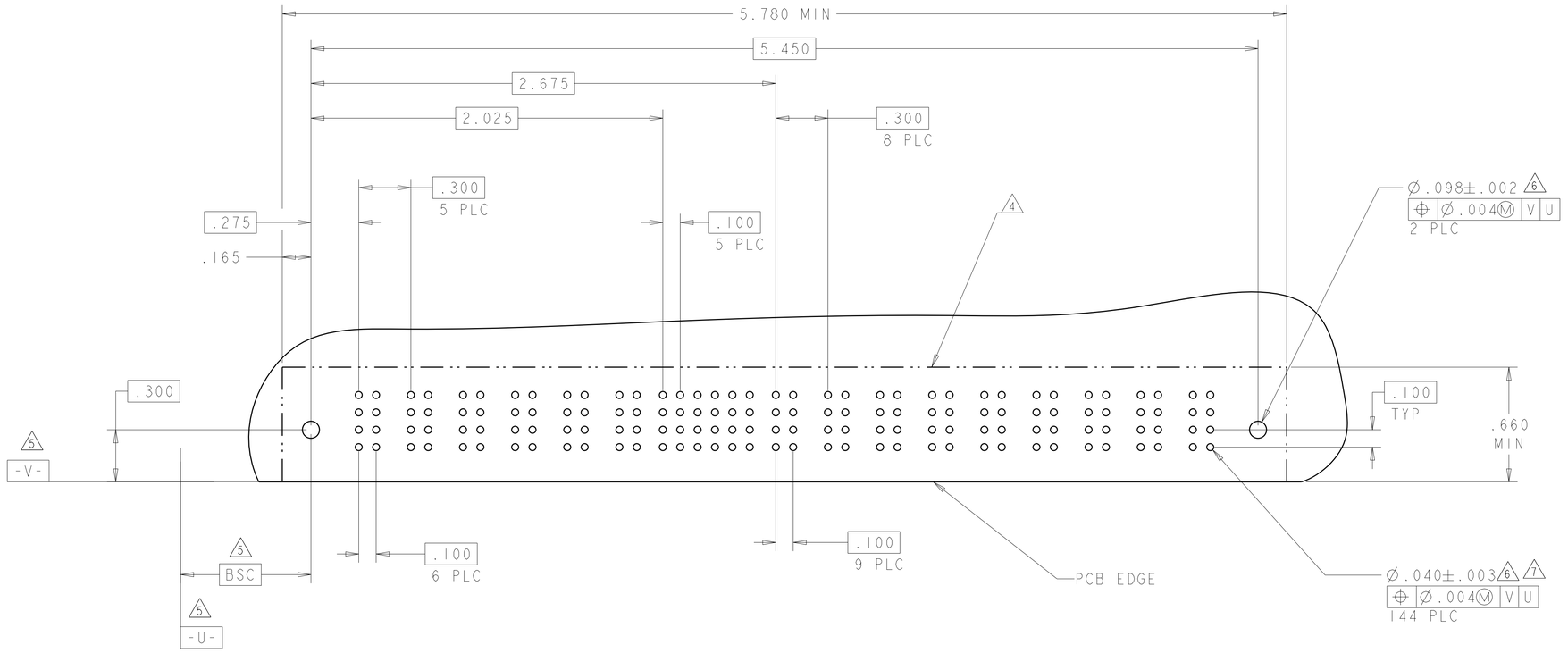
| LOC | DIST |
|---|---|
| ES | 00 |

REVISIONS

| 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 | P10 | P11 | P12 | P13 | P14 | P15 |
| 5-6450120-2 | D C B A | | PM | PM | PM | | PM | J K N S | J K N S | | J K N S | E K N H | | | PM | PM | PM | | PM | PM | PM | |
| 6P + 24S + 9P | | HD | | | | | | | | | | | | | | | | | | | | HD |

JI




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 R.GRZYBOWSKI 02FEB05
CHK M.PERCHERKE 02FEB05
APVD M.PERCHERKE 02FEB05
PRODUCT SPEC 108-1973
APPLICATION SPEC 114-13038
WEIGHT -

TE Connectivity

NAME RIGHT ANGLE HEADER W/GUIDES ASSEMBLY MULTI-BEAM XL -

| SIZE | CAGE CODE | DRAWING NO | RESTRICTED TO |
|---|---|---|---|
| A1 | 00779 | C-6450120 | - |

CUSTOMER DRAWING | SCALE 4:1 | SHEET 16 OF 24 | REV M2

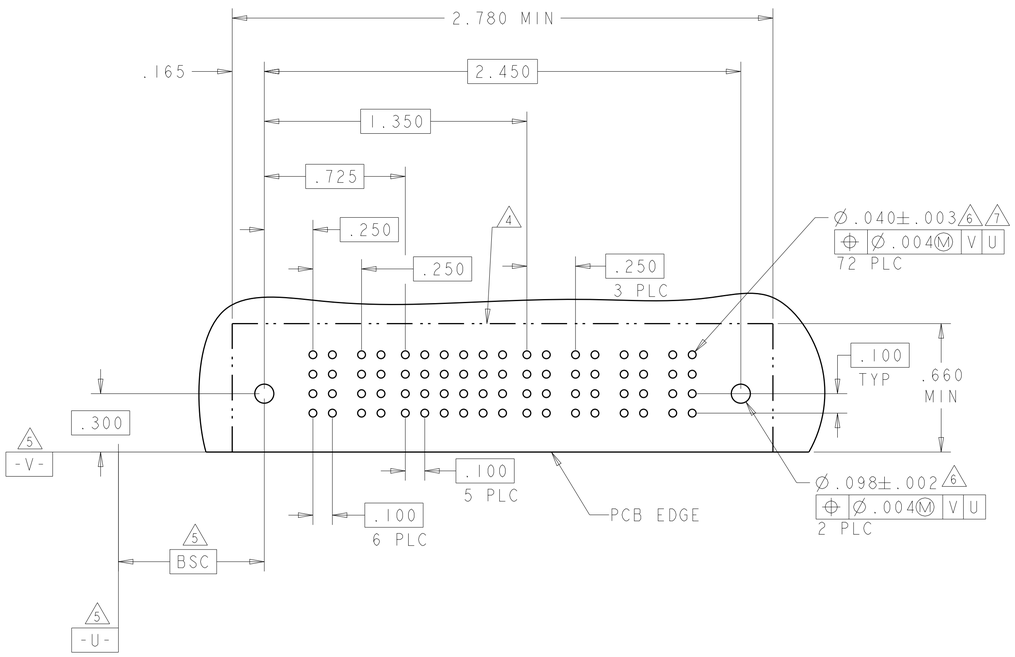
| LOC | DIST |
|---|---|
| ES | 00 |

REVISIONS

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

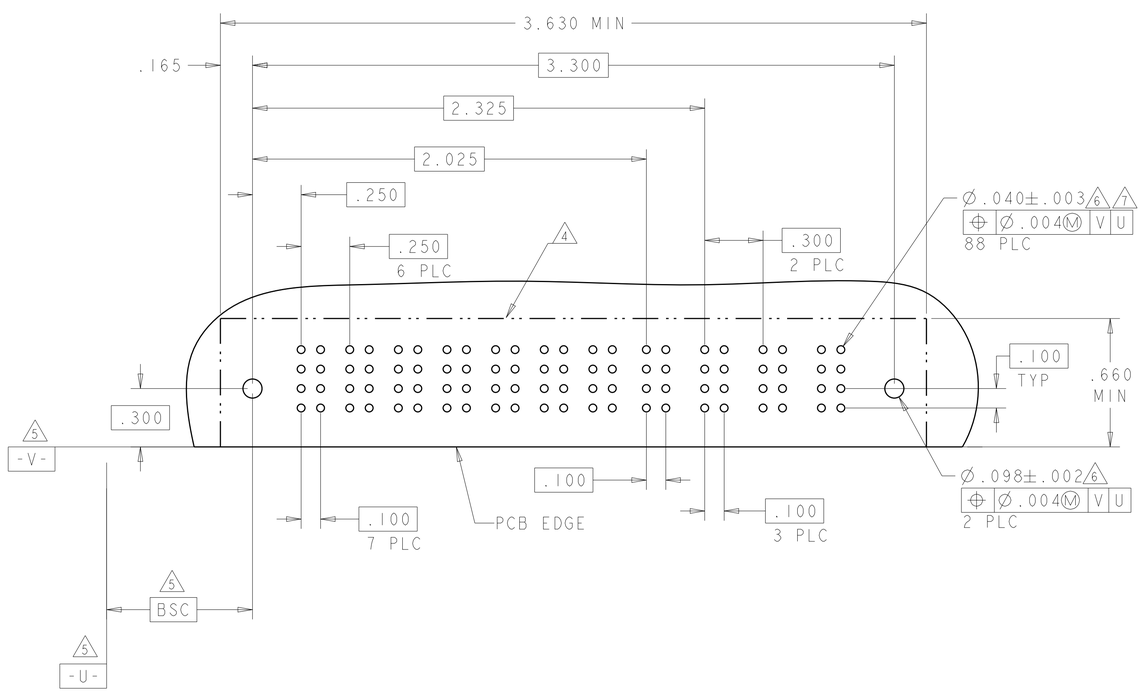
J

| 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 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 5-6450120-3 | D | | PM | PM | J | J | J | J | J | J | PM | PM | PM | PM | |
| | C | | | | K | K | K | K | K | K | | | | | |
| | B | | | | N | N | N | N | N | N | | | | | |
| | A | HD | | | S | S | S | S | S | S | | | | | HD |
| 2P + 24S + 4P | | | | | | | | | | | | | | | |




K

| PART NUMBER | ROWS | | POWER P1 | POWER P2 | POWER P3 | POWER P4 | POWER P5 | POWER P6 | POWER P7 | SIGNAL 1 | SIGNAL 2 | POWER P8 | POWER P9 | POWER P10 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 5-6450120-5 | D | | PM | PM | PM | PM | PM | PM | PM | J | J | PM | PM | PM | |
| | C | | | | | | | | | K | K | | | | |
| | B | | | | | | | | | N | N | | | | |
| | A | HD | | | | | | | | S | S | | | | HD |
| 7P + 8S + 3ACP | | | | | | | | | | | | | | | |




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 R.GRZYBOWSKI 02FEB05
CHK M.PERCHERKE 02FEB05
APVD M.PERCHERKE 02FEB05
PRODUCT SPEC 108-1973
APPLICATION SPEC 114-13038
WEIGHT -

CUSTOMER DRAWING

TE Connectivity

NAME RIGHT ANGLE HEADER W/GUIDES ASSEMBLY MULTI-BEAM XL -

| SIZE | CAGE CODE | DRAWING NO | RESTRICTED TO |
|---|---|---|---|
| A1 | 00779 | C-6450120 | - |

SCALE 4:1 SHEET 17 OF 24 REV M2

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

REVISIONS

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

| PART NUMBER | ROWS | POWER P1 | SIGNAL 1 | SIGNAL 2 | SIGNAL 3 | POWER P2 |
|---|---|---|---|---|---|---|
| 6-6450120-9 | D | PM | J | J | E | PM |
| | C | | K | K | K | |
| | B | | N | N | N | |
| | A | | H | S | S | |
| | | HD | | | | HD |
| 1P + 12S + 1P | | | | | | |

| PART NUMBER | ROWS | POWER P1 | SIGNAL 1 | SIGNAL 2 | SIGNAL 3 | POWER P2 |
|---|---|---|---|---|---|---|
| 5-6450120-6 | D | PM | J | J | J | PM |
| | C | | K | K | K | |
| | B | | N | N | N | |
| | A | | S | S | S | |
| | | HD | | | | HD |
| 1P + 12S + 1P | | | | | | |

| PART NUMBER | ROWS | POWER P1 | POWER P2 | POWER P3 | SIGNAL 1 | SIGNAL 2 | SIGNAL 3 | SIGNAL 4 | SIGNAL 5 | SIGNAL 6 | SIGNAL 7 | SIGNAL 8 | SIGNAL 9 | POWER P4 | POWER P5 | POWER P6 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 5-6450120-7 | D | PM | PM | PM | J | J | J | J | J | J | J | J | J | PM | PM | PM |
| | C | | | | K | K | K | K | K | K | K | K | K | | | |
| | B | | | | N | N | N | N | N | N | N | N | N | | | |
| | A | | | | S | S | S | S | S | S | S | S | S | | | |
| | | HD | | | | | | | | | | | | | | HD |
| 3P + 36S + 3P | | | | | | | | | | | | | | | | |







| | | | |
|---|---|---|---|
| THIS DRAWING IS A CONTROLLED DOCUMENT. | DWN R.GRZYBOWSKI 02FEB05 | TE Connectivity | |
| DIMENSIONS: INCHES | CHK M.PERCHERKE 02FEB05 | NAME RIGHT ANGLE HEADER W/GUIDES ASSEMBLY MULTI-BEAM XL - | |
| TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±- 1 PLC ±- 2 PLC ±.01 3 PLC ±.005 4 PLC ±.0020 ANGLES ±2° | APVD M.PERCHERKE 02FEB05 | SIZE A1 | CAGE CODE 00779 |
| | PRODUCT SPEC 108-1973 | DRAWING NO C-6450120 | RESTRICTED TO - |
| | APPLICATION SPEC 114-13038 | | |
| MATERIAL - - | WEIGHT - | SCALE 4:1 | SHEET 18 OF 24 |
| FINISH - - | CUSTOMER DRAWING | | REV M2 |

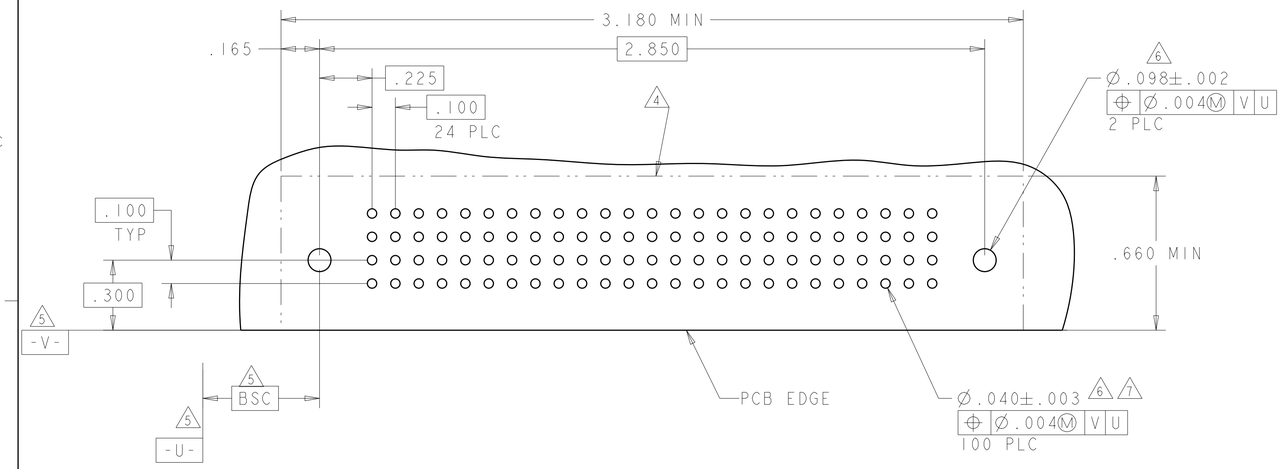
| LOC | DIST |
|---|---|
| ES | 00 |

REVISIONS

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

K3

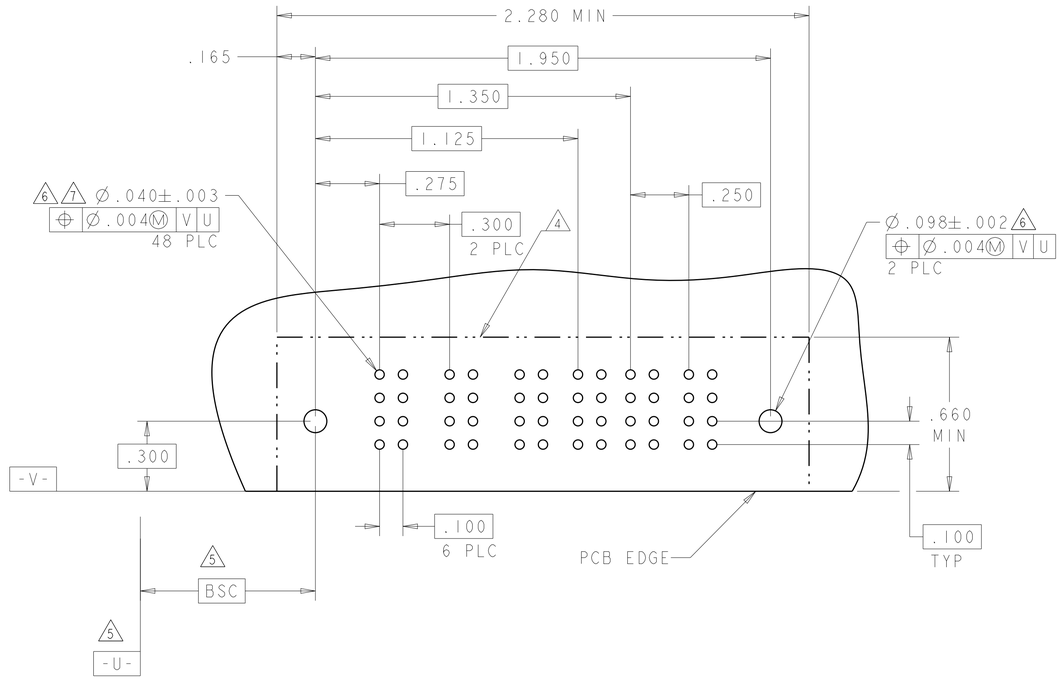
| PART NUMBER | ROWS | SIGNAL 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 |
|---|---|---|
| 5-6450120-8 | D | J J J J J J J J J J J J J J J J J J J J J J J J J |
| | C | K K K K K K K K K K K K K K K K K K K K K K K K K |
| | B | N N N N N N N N N N N N N N N N N N N N N N N N N |
| | A | 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 |
| 100S | | HD ... HD |




SCALE 3:1

K4

| PART NUMBER | ROWS | POWER P1 P2 P3 | SIGNAL 1 2 | POWER P4 P5 |
|---|---|---|---|---|
| 5-6450120-9 | D | PM PM PM | J J | PM PM |
| | C | | K K | |
| | B | | N N | |
| | A | | H S | |
| 3ACP + 8S + 2P | | HD ... HD | | |




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 R GRZYBOWSKI 02FEB05
CHK M PERCHERKE 02FEB05
APVD M PERCHERKE 02FEB05
PRODUCT SPEC 108-1973
APPLICATION SPEC 114-13038
WEIGHT -

TE Connectivity

NAME RIGHT ANGLE HEADER W/GUIDES ASSEMBLY MULTI-BEAM XL
-

| SIZE | CAGE CODE | DRAWING NO | RESTRICTED TO |
|---|---|---|---|
| A1 | 00779 | C-6450120 | - |

CUSTOMER DRAWING | SCALE 4:1 | SHEET 19 OF 24 | REV M2

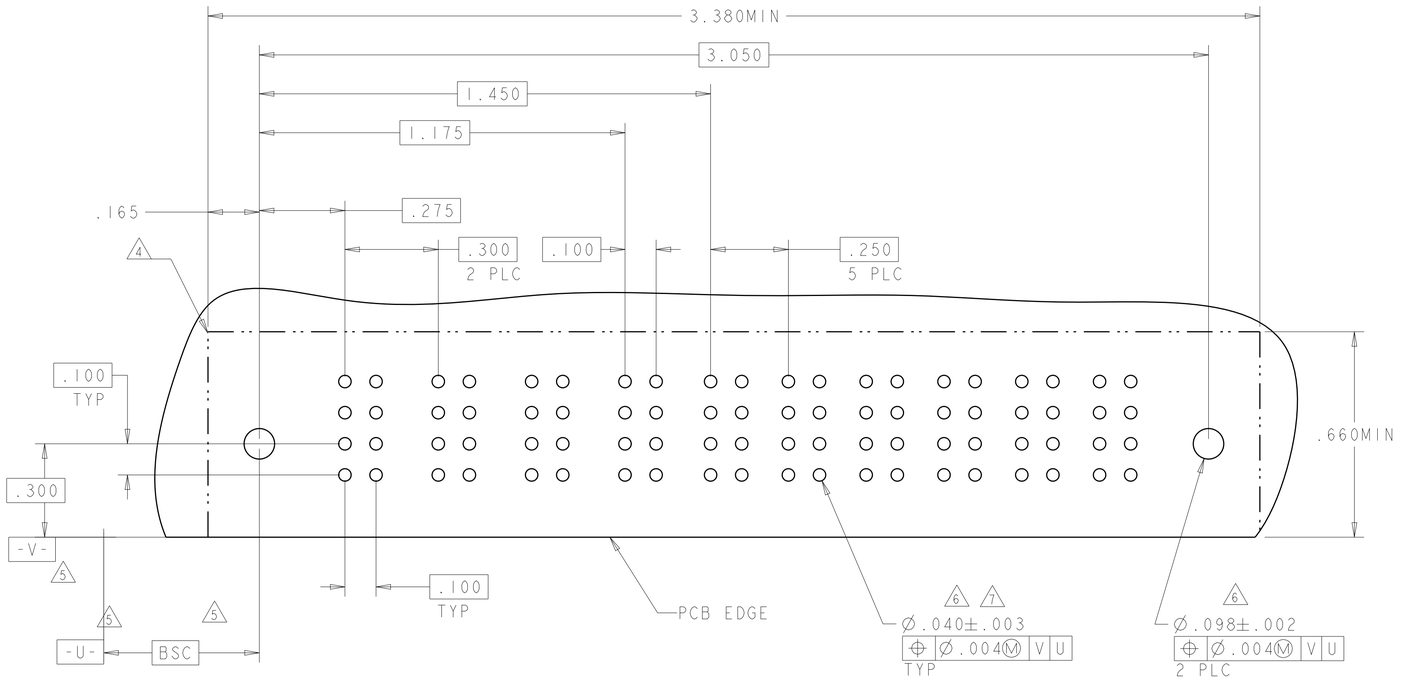
| LOC | DIST |
|---|---|
| ES | 00 |

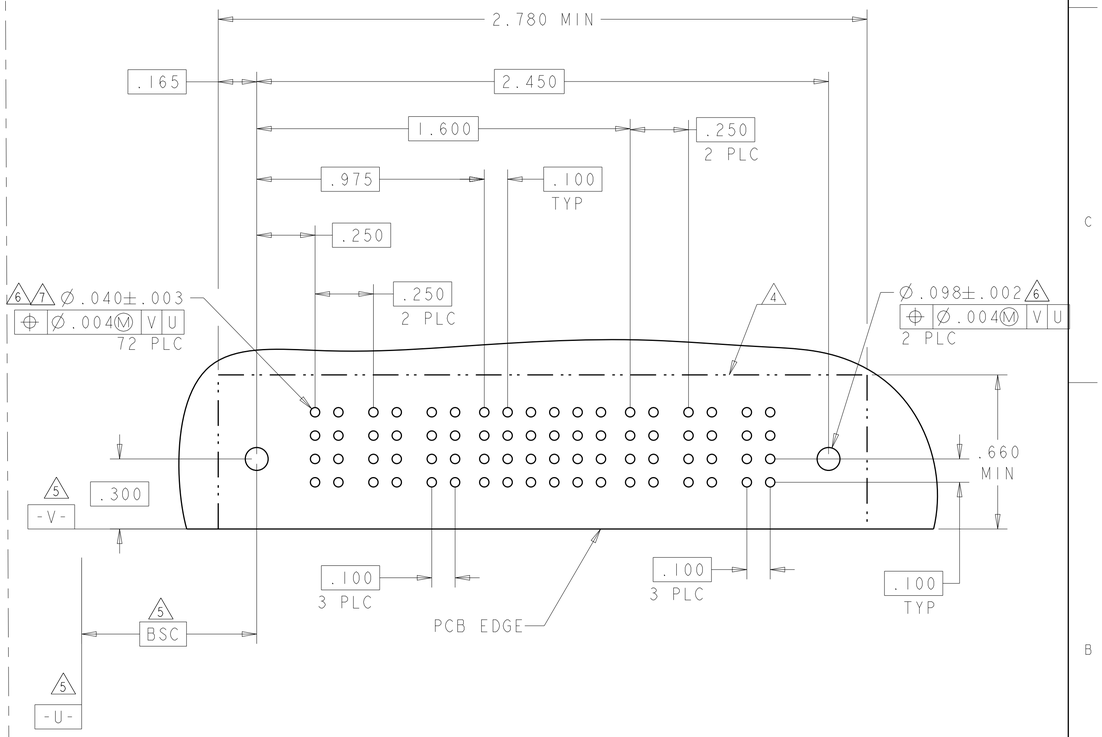
REVISIONS

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

| PART NUMBER | ROWS | POWER P1 | POWER P2 | POWER P3 | SIGNAL 1 | SIGNAL 2 | POWER P4 | POWER P5 | POWER P6 | POWER P7 | POWER P8 | POWER P9 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 6-6450120-0 | D C B A | PM | PM | PM | J K N H | J K N S | PM | PM | PM | PM | PM | PM |
| 3ACP + 8S + 6P | | HD | | | | | | | | | | HD |

| 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 6-6450120-1 | D C B A | PM | PM | PM | J K N S | J K N S | J F G S | J F G S | J K N S | J K N S | PM | PM | PM |
| 3P + 24S + 3P | | HD | | | | | | | | | | | HD |




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 R.GRZYBOWSKI 02FEB05
CHK M.PERCHERKE 02FEB05
APVD M.PERCHERKE 02FEB05
PRODUCT SPEC 108-1973
APPLICATION SPEC 114-13038
WEIGHT -

TE Connectivity

NAME RIGHT ANGLE HEADER W/GUIDES ASSEMBLY MULTI-BEAM XL -

| SIZE | CAGE CODE | DRAWING NO | RESTRICTED TO |
|---|---|---|---|
| A1 | 00779 | C-6450120 | - |

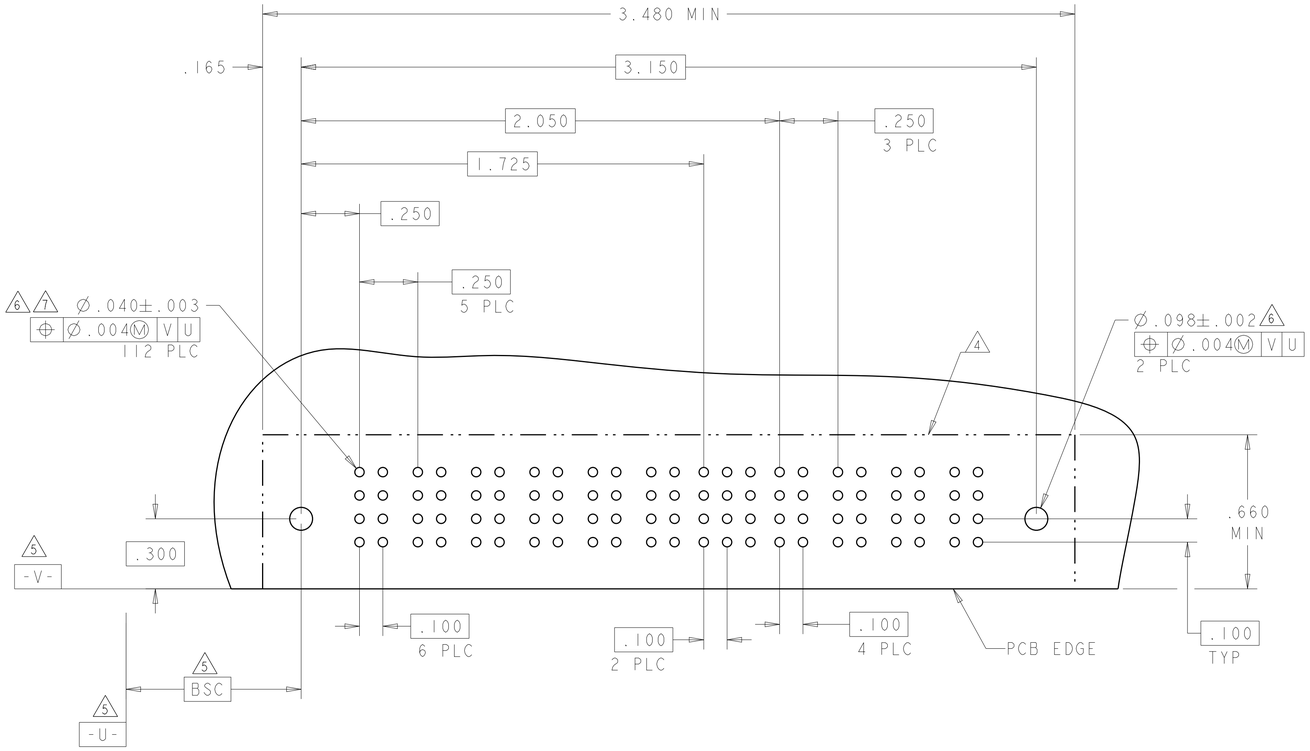
CUSTOMER DRAWING | SCALE 4:1 | SHEET 20 OF 24 | REV M2

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

REVISIONS

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

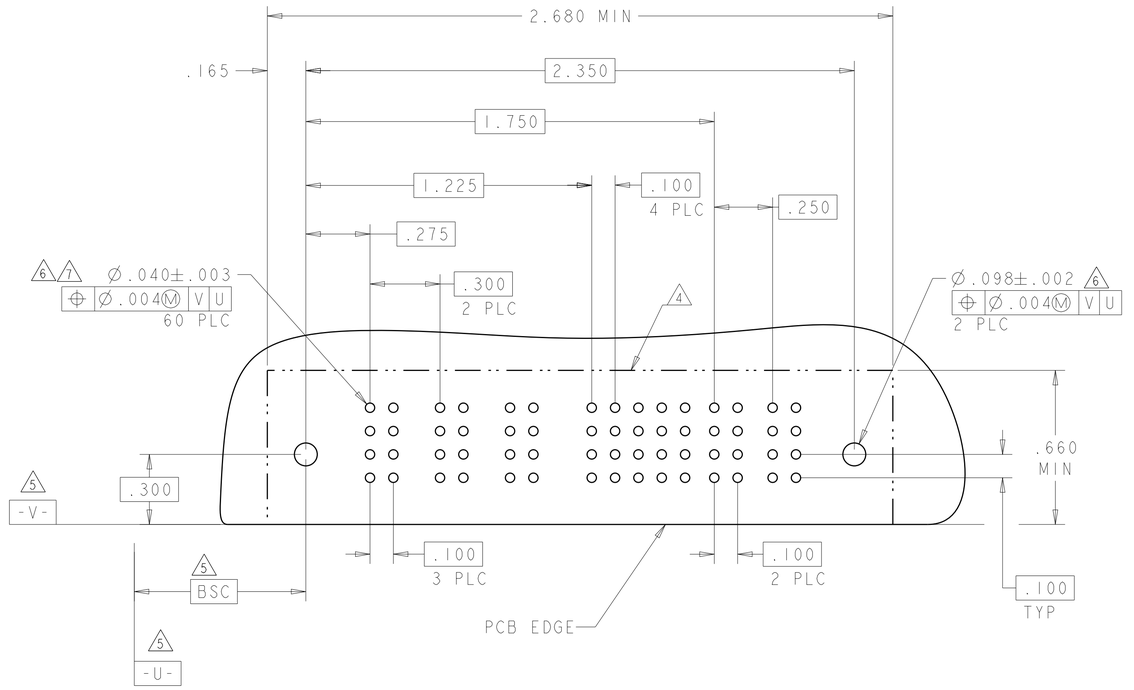
| PART NUMBER | ROWS | POWER | | | | | | SIGNAL | | | POWER | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | P1 | P2 | P3 | P4 | P5 | P6 | 1 | 2 | 3 | P7 | P8 | P9 | P10 |
| 6-6450120-4 | D C B A | PM | PM | PM | PM | PM | PM | J K N S | J K N S | E F N S | PM | PM | PM | PM |
| 6P + 12S + 4P | | HD | | | | | | | | | | | | HD |




L3

| PART NUMBER | ROWS | POWER | | | SIGNAL | | | | | | POWER | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | P1 | P2 | P3 | 1 | 2 | 3 | 4 | 5 | 6 | P4 | P5 | |
| 6-6450120-5 | D C B A | PM | PM | PM | J K N S | J K N S | J K N S | J K N S | J K N S | J K N S | PM | PM | HD |
| 3ACP + 24S + 2P | | HD | | | | | | | | | | | |

NO CONTACTS LOADED




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 R.GRZYBOWSKI | 02FEB05 |
| CHK M.PERCHERKE | 02FEB05 |
| APVD M.PERCHERKE | 02FEB05 |
| PRODUCT SPEC 108-1973 | |
| APPLICATION SPEC 114-13038 | |
| WEIGHT - | |

TE Connectivity

NAME RIGHT ANGLE HEADER W/GUIDES ASSEMBLY MULTI-BEAM XL -

| SIZE | CAGE CODE | DRAWING NO | RESTRICTED TO |
|---|---|---|---|
| A1 | 00779 | C-6450120 | - |

CUSTOMER DRAWING | SCALE 4:1 | SHEET 21 OF 24 | REV M2

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

REVISIONS

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

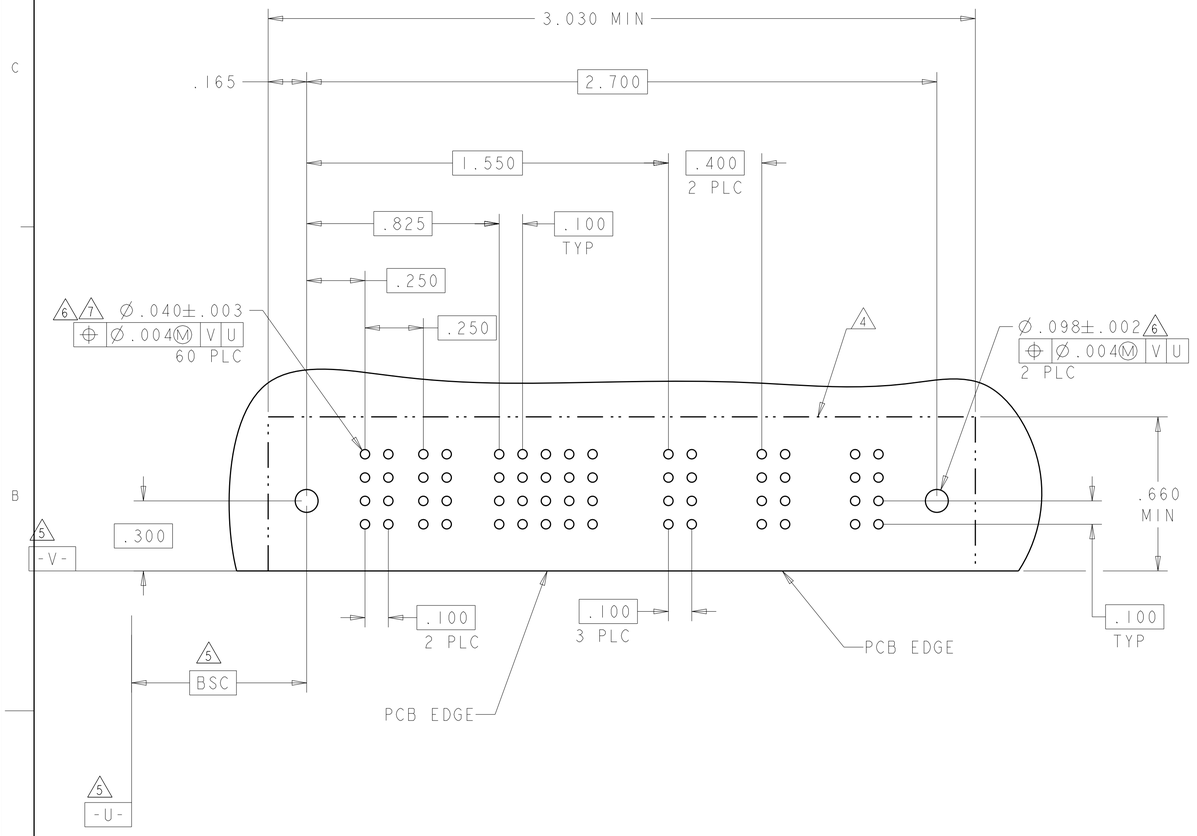
| PART NUMBER | ROWS | | POWER | | SIGNAL | | | | | | POWER | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | P1 | P2 | 1 | 2 | 3 | 4 | 5 | 6 | P3 | P4 | P5 | P6 | P7 | P8 |
| 6-6450120-6 | D C B A | HD | PM | PM | J K N S | J K N S | J K N S | J K N S | J K N S | J K N S | | PM | | PM | | PM | HD |
| 2P + 24S + 6P | | | | | | | | | | | | | | | | | |

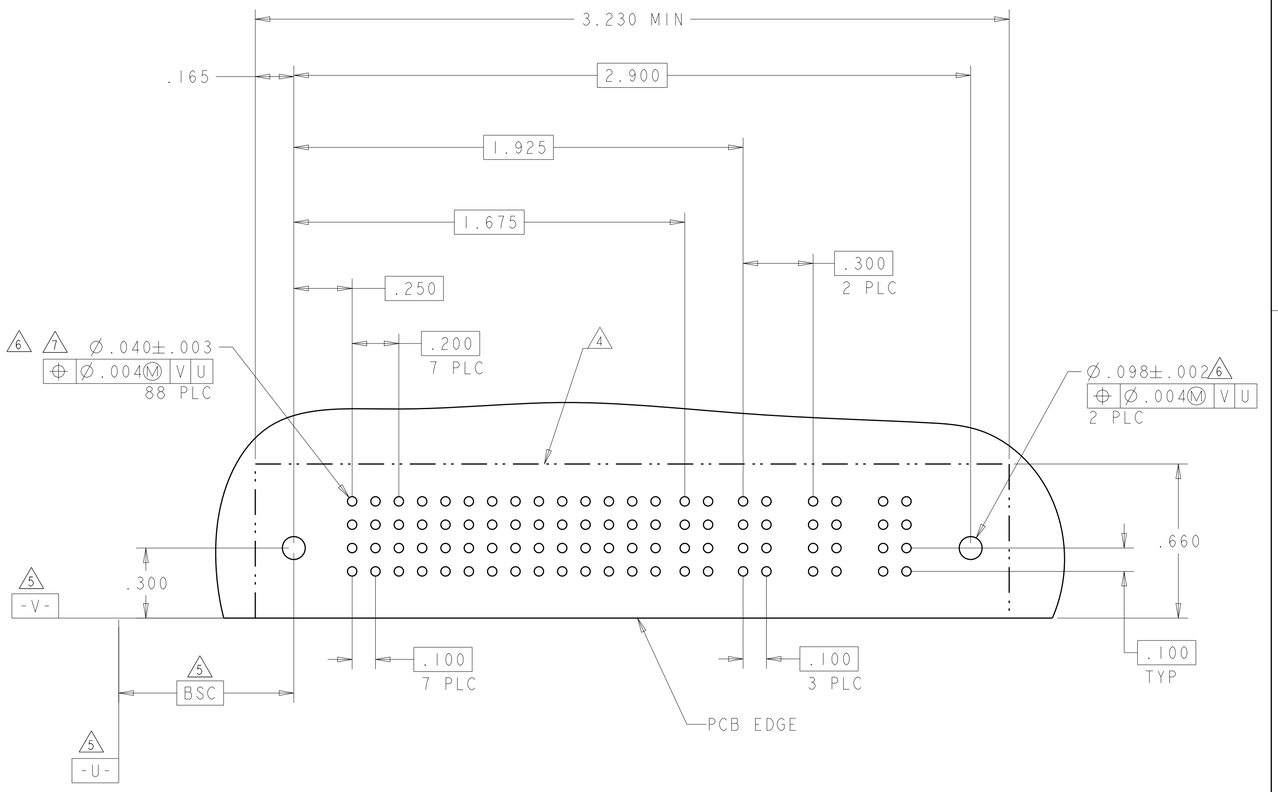
NO CONTACTS LOADED

NO CONTACTS LOADED

L5

| PART NUMBER | ROWS | | POWER | | | | | | | SIGNAL | | POWER | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | P1 | P2 | P3 | P4 | P5 | P6 | P7 | 1 | 2 | P8 | P9 | P10 | | |
| 6-6450120-7 | D C B A | HD | PM | PM | PM | PM | PM | PM | PM | E F G H | E F G H | PM | PM | PM | HD | |
| 7HDP + 8S + 3ACP | | | | | | | | | | | | | | | | |




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 | R.GRZYBOWSKI | 02FEB05 |
| CHK | M.PERCHERKE | 02FEB05 |
| APVD | M.PERCHERKE | 02FEB05 |
| PRODUCT SPEC | 108-1973 | |
| APPLICATION SPEC | 114-13038 | |
| WEIGHT | - | |

TE Connectivity

NAME RIGHT ANGLE HEADER W/GUIDES ASSEMBLY MULTI-BEAM XL -

| SIZE | CAGE CODE | DRAWING NO | RESTRICTED TO |
|---|---|---|---|
| A1 | 00779 | C-6450120 | - |

CUSTOMER DRAWING | SCALE 4:1 | SHEET 22 OF 24 | REV M2

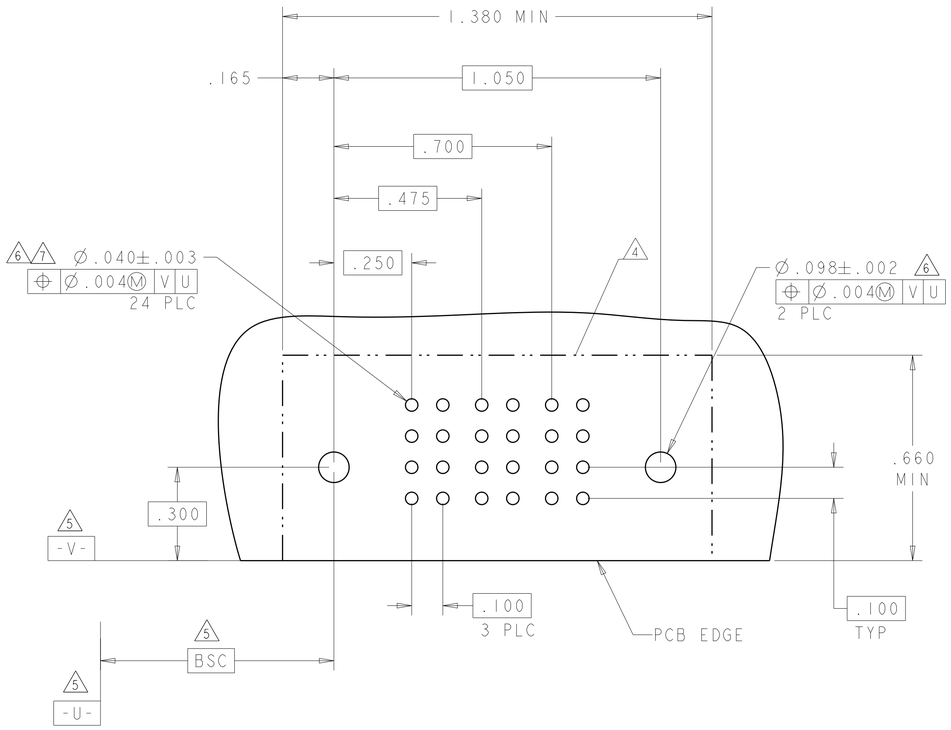
| LOC | DIST |
|---|---|
| ES | 00 |

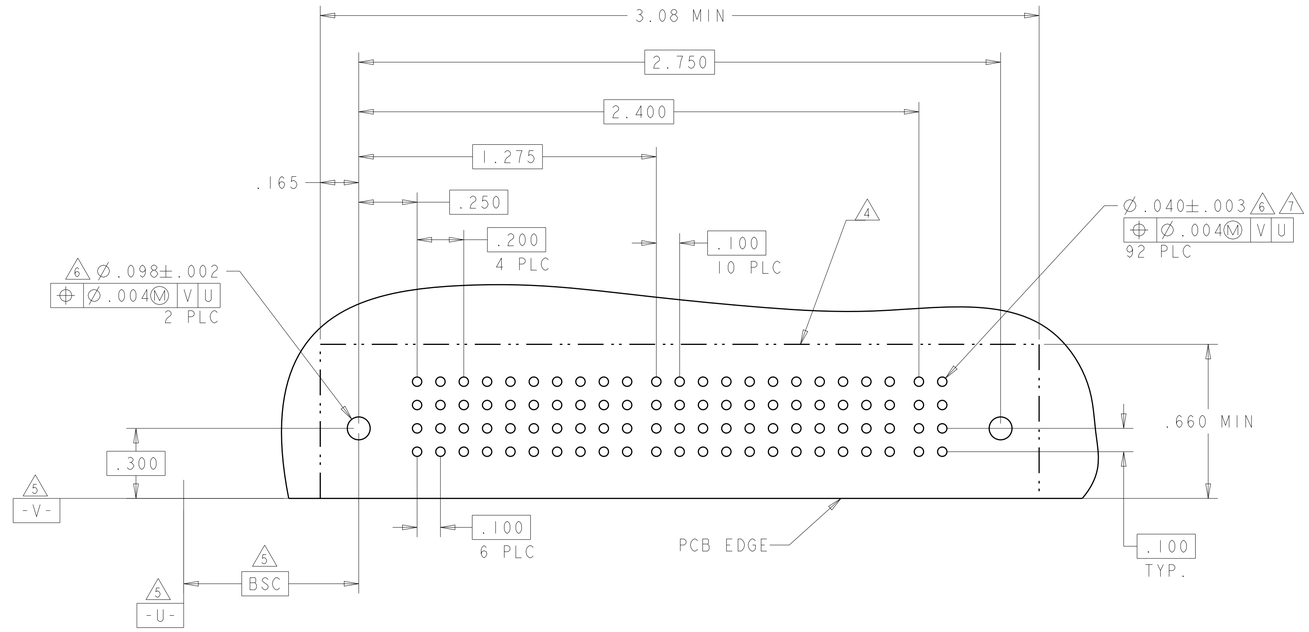
REVISIONS

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

| PART NUMBER | ROWS | POWER P1 | SIGNAL 1 | SIGNAL 2 | POWER P2 |
|---|---|---|---|---|---|
| 6-6450120-8 | D C B A | PM | J J<br>K K<br>N N<br>S S | | PM |
| IP + 8S + IP | | HD | | | HD |

| 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 | SIGNAL 7 | SIGNAL 8 | SIGNAL 9 | SIGNAL 10 | SIGNAL 11 | POWER P6 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 7-6450120-0 | D C B A | PM | PM | PM | | PM | J<br><br>G<br>H | N<br>H | J<br><br>N<br>H | H | J<br><br>N<br>H | H | J<br><br>N<br>H | S | E<br>F<br>G<br>H | S | E<br>F<br>N<br>H | PM |
| 5P + 44S + IP | | HD | | | | | | | | | | | | | | | | HD |




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 R.GRZYBOWSKI 02FEB05
CHK M.PERCHERKE 02FEB05
APVD M.PERCHERKE 02FEB05
PRODUCT SPEC 108-1973
APPLICATION SPEC 114-13038
WEIGHT -

TE Connectivity

NAME RIGHT ANGLE HEADER W/GUIDES ASSEMBLY MULTI-BEAM XL
-

| SIZE | CAGE CODE | DRAWING NO | RESTRICTED TO |
|---|---|---|---|
| A1 | 00779 | C-6450120 | - |

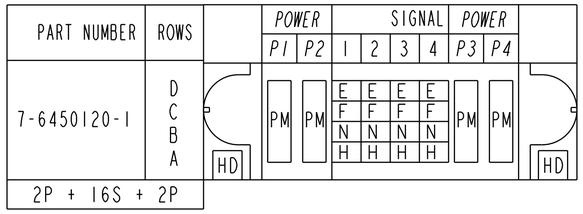
CUSTOMER DRAWING | SCALE 4:1 | SHEET 23 OF 24 | REV M2

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

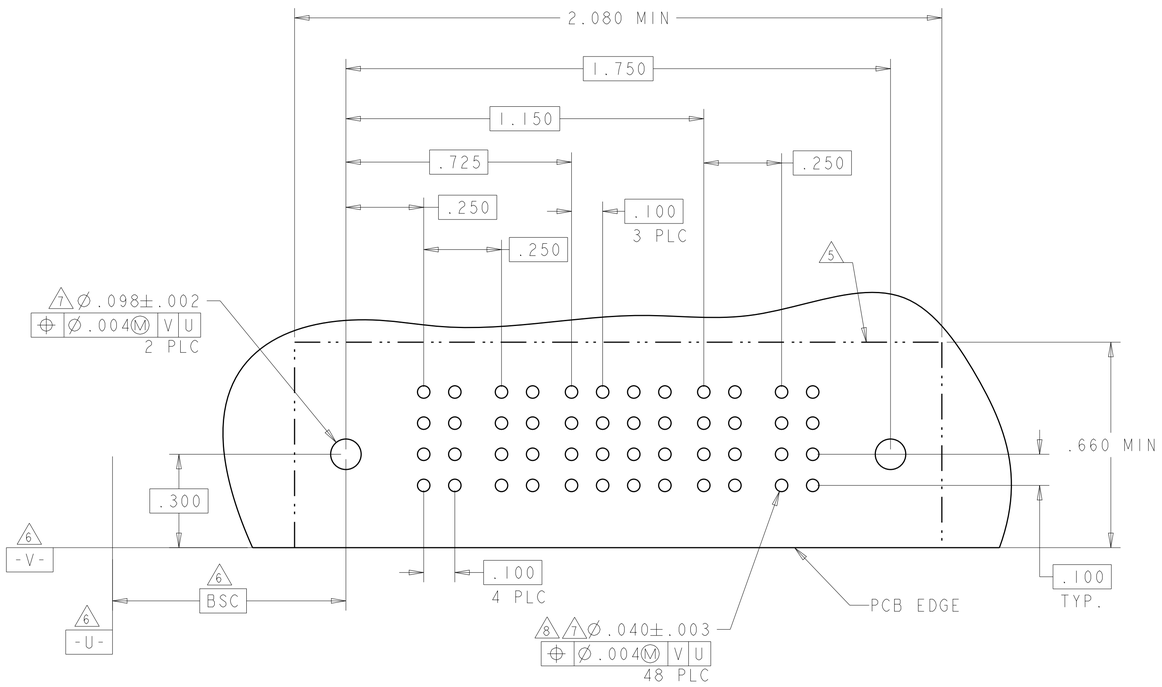
REVISIONS

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

| PART NUMBER | ROWS |
|---|---|
| 7-6450120-1 | D C B A |
| 2P + 16S + 2P | |




M2




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 R.GRZYBOWSKI | 02FEB05 |
| CHK M.PERCHERKE | 02FEB05 |
| APVD M.PERCHERKE | 02FEB05 |
| PRODUCT SPEC 108-1973 | |
| APPLICATION SPEC 114-13038 | |
| WEIGHT - | |

TE Connectivity

NAME RIGHT ANGLE HEADER W/GUIDES ASSEMBLY MULTI-BEAM XL -

| SIZE | CAGE CODE | DRAWING NO | RESTRICTED TO |
|---|---|---|---|
| A1 | 00779 | C-6450120 | - |

CUSTOMER DRAWING | SCALE 4:1 | SHEET 24 OF 24 | REV M2