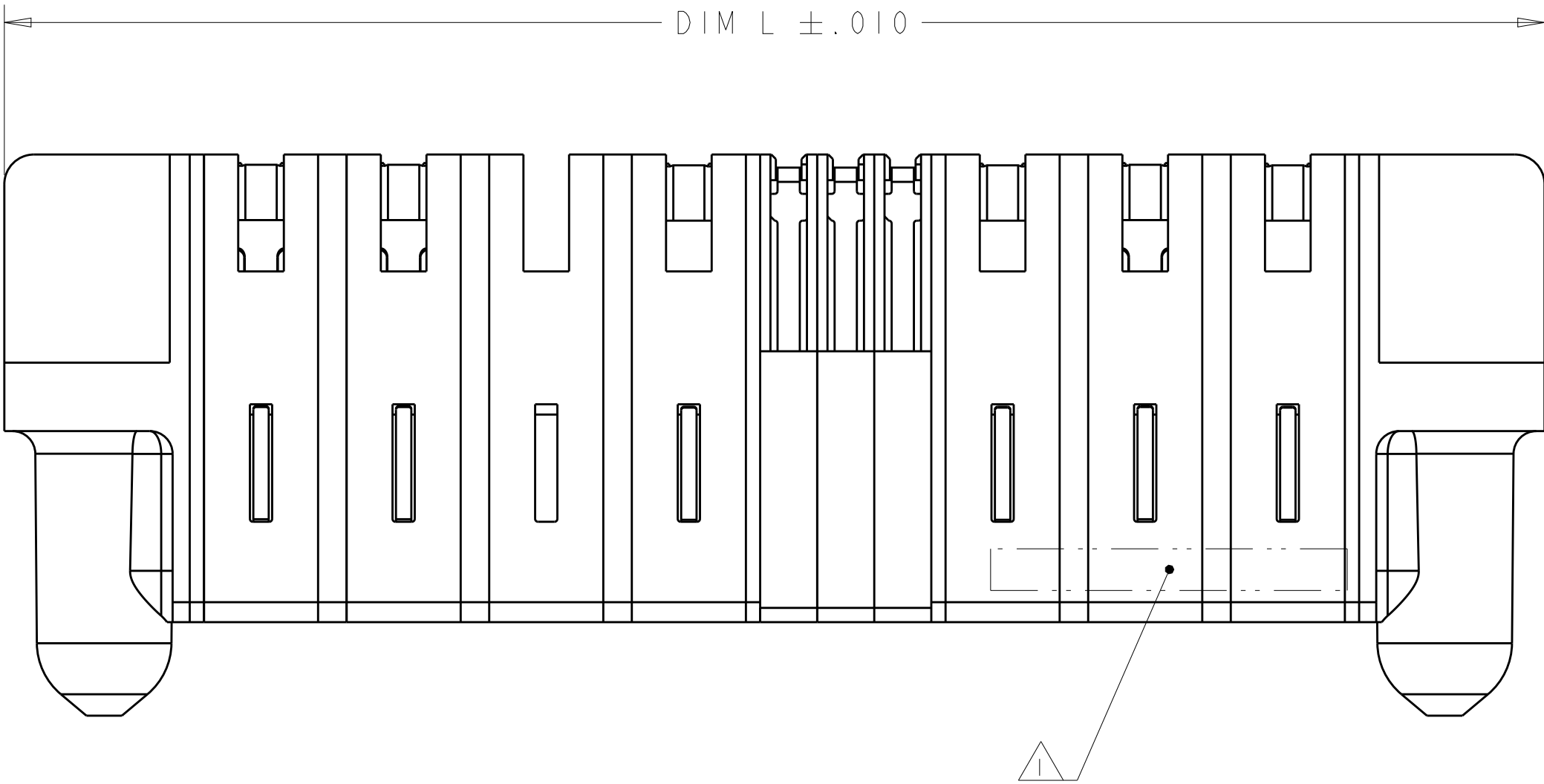


LOC		DIST		REVISIONS					
ES	00	P	LTR	DESCRIPTION		DATE	DWN	APVD	
		H2		REV PER ECR-12-010534		11JUN2012	CZ	SZ	
		H3		REV PER ECR-13-004638		20MAR2013	ML	SZ	



△ "AMP", PART NUMBER, AND DATE CODE TO BE MARKED IN AREA SHOWN

△ MATERIAL: HOUSING - GLASS FILLED HIGH TEMP THERMO PLASTIC, UV94 V-O
SIGNAL CONTACT - HIGH CONDUCTIVITY COPPER ALLOY
POWER CONTACT - HIGH CONDUCTIVITY COPPER ALLOY

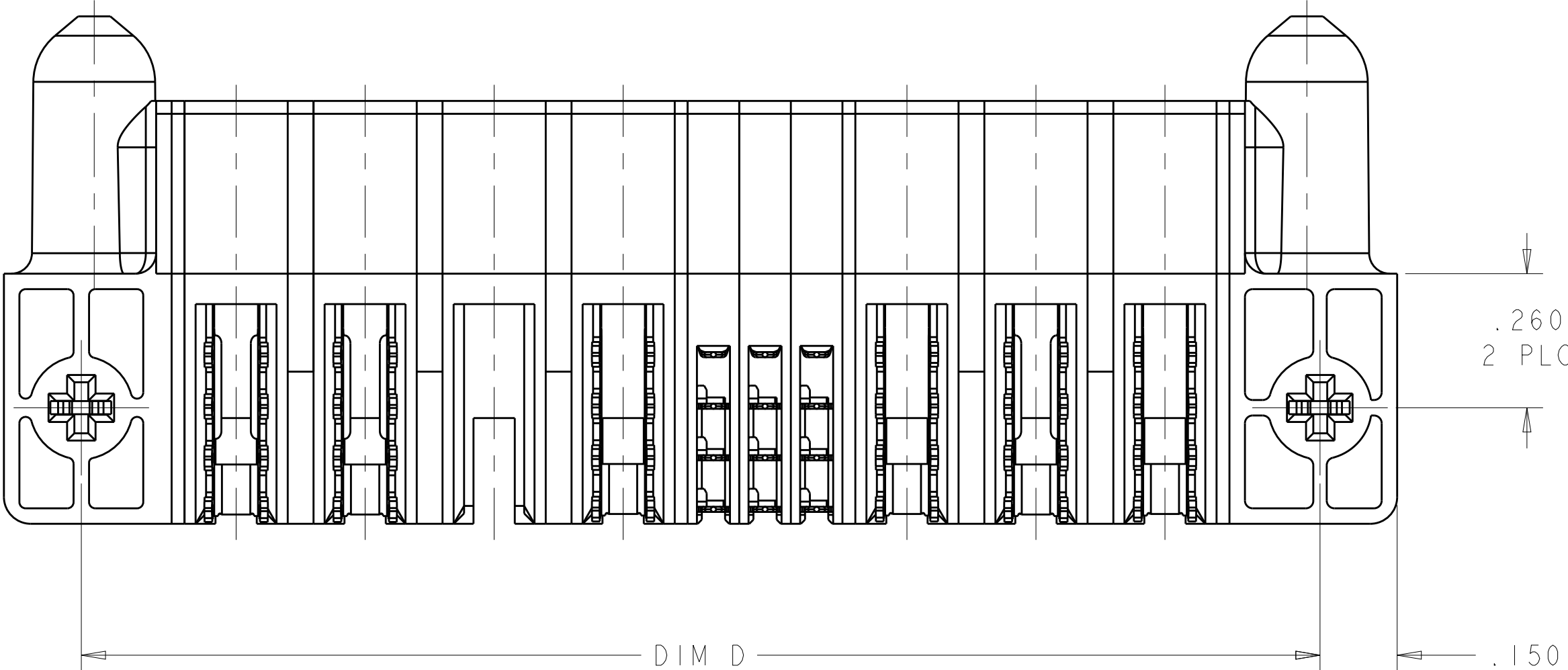
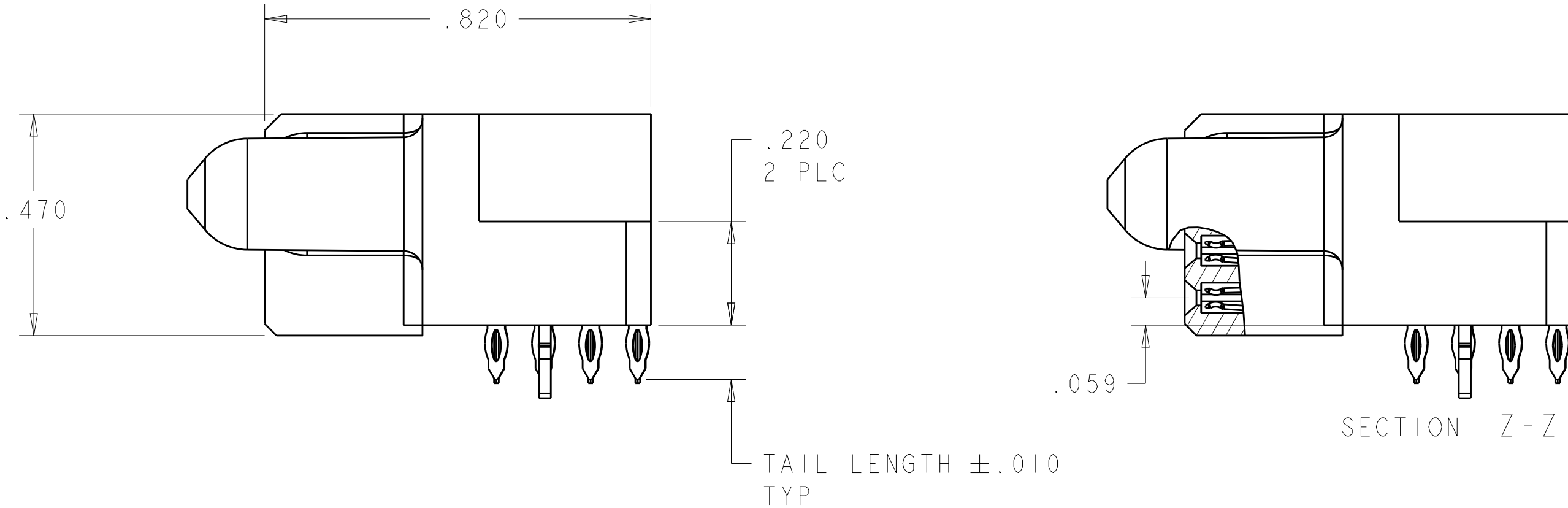
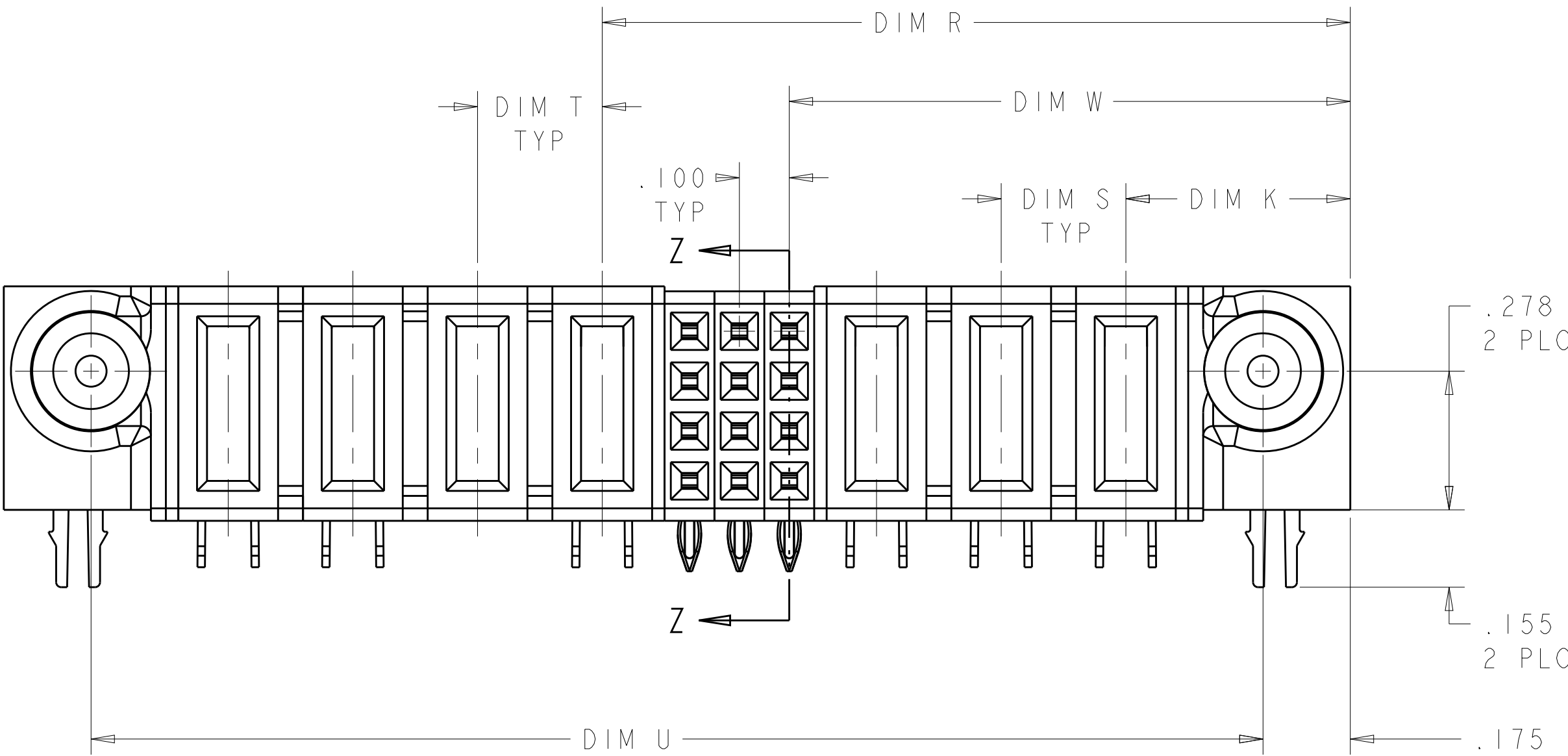
△ CONTACT PLATING: NOBLE METAL PLATING ON CONTACT FUNCTIONAL AREA
OF POWER AND SIGNAL CONTACTS

△ MECHANICAL CONNECTOR KEEP OUT ZONE

△ DATUM AND BASIC DIMENSIONS ESTABLISHED BY CUSTOMER

△ PCB - ALL HOLE DIAMETERS ARE FINISHED HOLE SIZES

△ PCB - .0453 ±.0010 DRILLED HOLE PLATED WITH .0003 MIN Sn
OVER .001-.003 PLATING TO ACHIEVE A .040 HOLE



.150	.119	3.700	.250	.250	2.850	1.375	3.750	-	4.050	.450	4P + 56S + 4P	I-6450560-9
.150	.119	2.900	.250	.250	2.050	1.375	2.950	-	3.250	.450	4P + 24S + 4P	I-6450560-7
NO	.119	5.100	.250	.250	3.250	2.375	5.150	-	5.450	.450	8P + 32S + 8P	I-6450560-6
.150	.119	2.850	.250	.250	2.500	1.875	2.900	-	3.200	.450	6P + 20S + 2P	I-6450560-5
.150	.119	2.000	.250	.250	1.650	.925	2.050	-	2.350	.450	2P + 24S + 2P	I-6450560-3
.150	.119	1.900	.250	.250	1.550	.875	1.950	-	2.250	.450	2P + 24S + 2P	I-6450560-2
.150	.165	2.300	.200	.200	1.600	1.225	2.350	-	2.650	.450	4P + 12S + 4P	I-6450560-1
NO	.165	3.800	.250	.250	3.450	.875	3.850	-	4.150	.450	2P + 100S + 2P	6450560-8
.150	.119	2.600	.250	.250	2.250	1.925	2.650	-	2.950	.450	6P + 8S + 2P	6450560-6
NO	.165	4.000	.200	.200	2.700	1.825	4.050	-	4.350	.450	7HDP + 32S + 7HDP	6450560-4
NO	.119	1.200	-	-	1.100	.625	1.250	-	1.550	.450	1P + 16S + 1P	6450560-3
NO	.119	3.600	.250	.250	2.500	1.625	3.650	-	3.950	.450	5P + 32S + 5P	6450560-2
NO	.119	2.350	.250	.250	1.500	1.125	2.400	-	2.700	.450	3P + 12S + 4P	6450560-1
MOUNTING HOLES	TAIL LENGTH	U	T	S	R	W	D	M	L	K	DESCRIPTION	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:
INCHES

MATERIAL

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC ±.01
1 PLC ±.01
2 PLC ±.01
3 PLC ±.005
4 PLC ±.002
ANGLES ±2°

FINISH

DWN R.GRZYBOWSKI 09MAR05
CHK M.PERCHEKKE 09MAR05
APVD M.PERCHEKKE

PRODUCT SPEC
108-1973
APPLICATION SPEC
114-13038

WEIGHT

Customer Drawing

NAME
RIGHT ANGLE RECEPTACLE ASSEMBLY
WITH GUIDES
MULTI-BEAM XL

SIZE
A1

CAGE CODE
00779

DRAWING NO
6450560

RESTRICTED TO

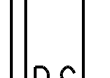
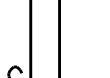
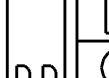
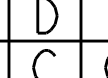
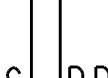
SHEET 1 OF 7

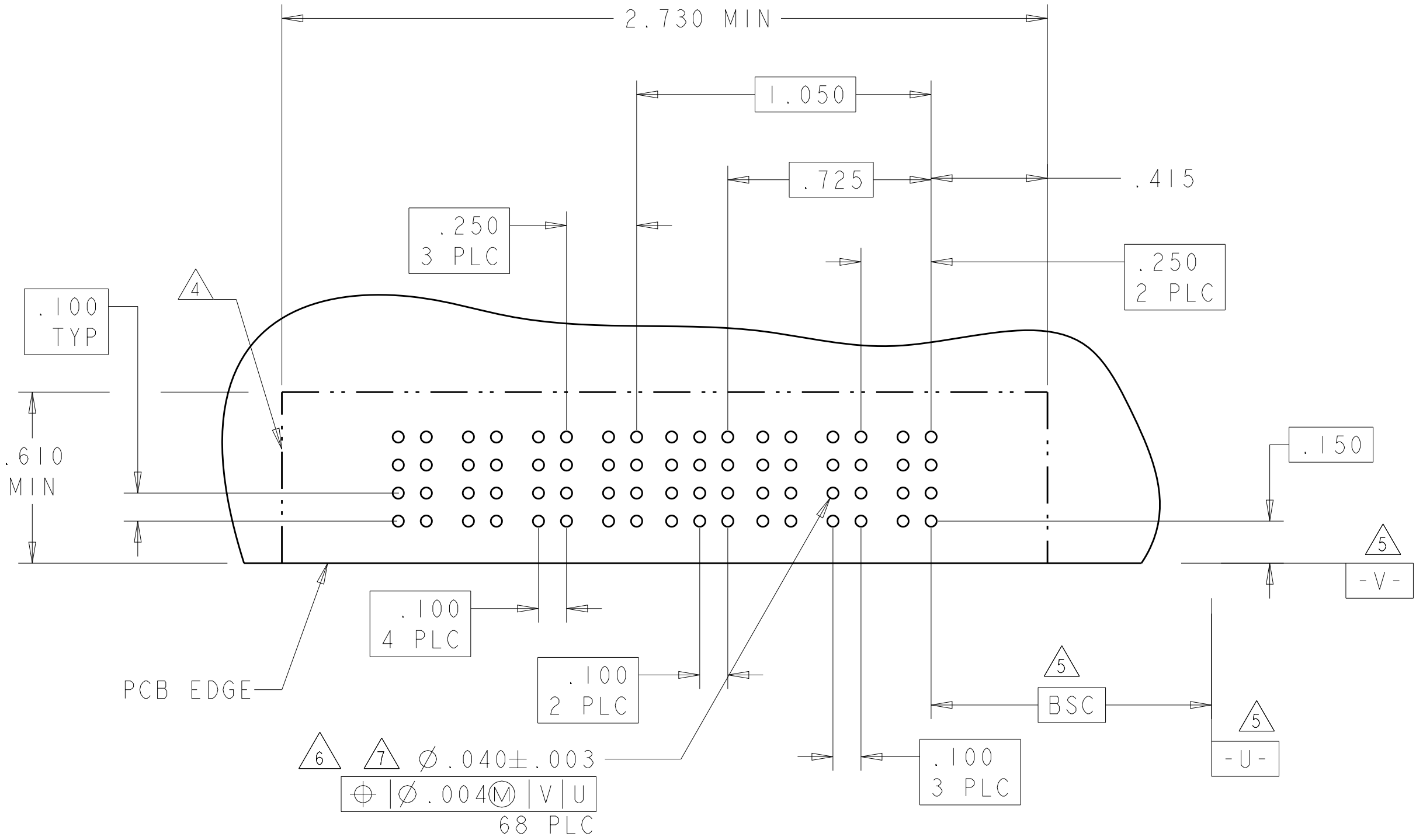
REV H3

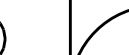
TE Connectivity

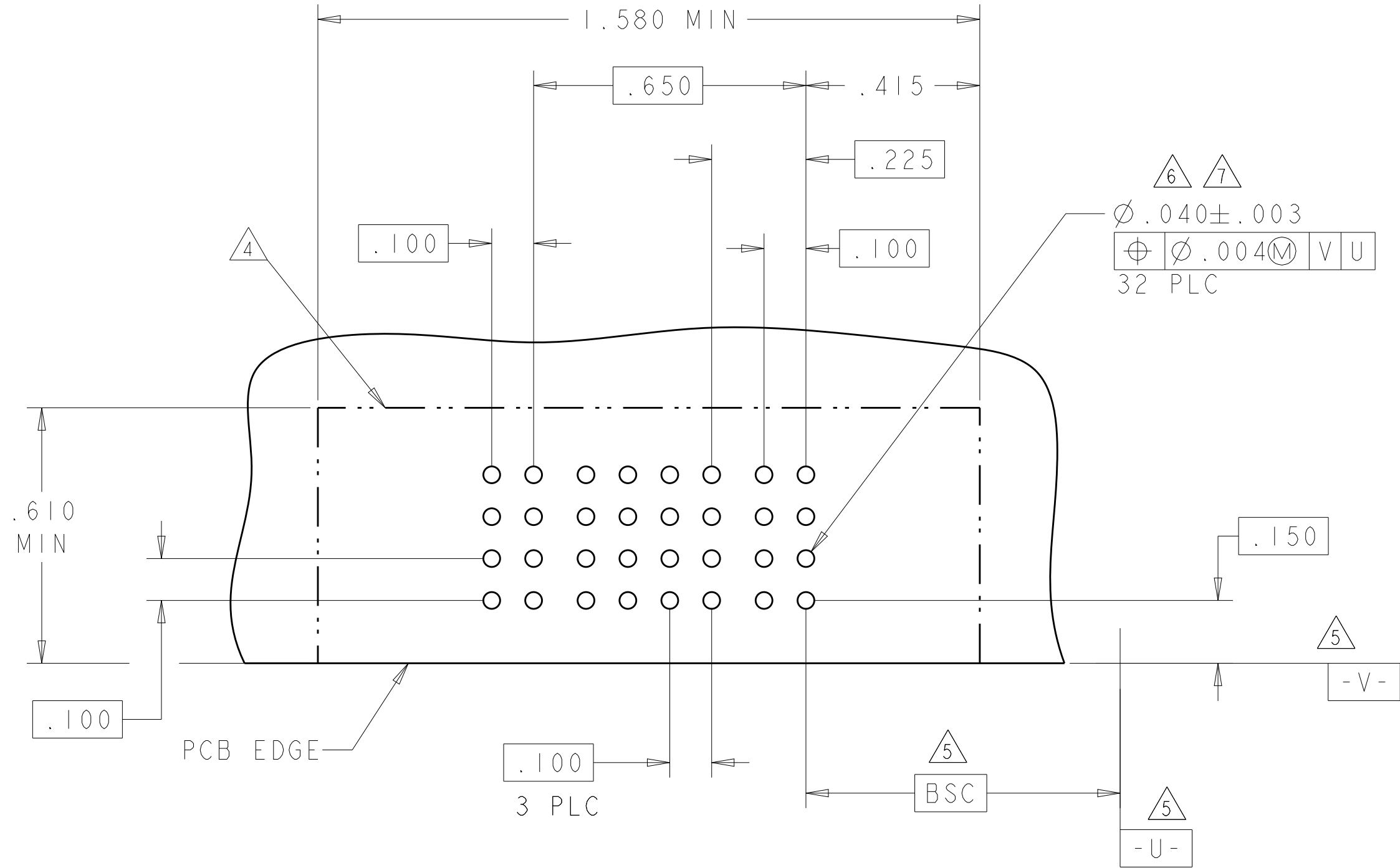
SCALE 4:1

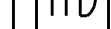
LOC		DIST		REVISONS			
ES	00	P	LTR	DESCRIPTION	DATE	DWN	APVD
		-		SEE SHEET 1	-	-	-

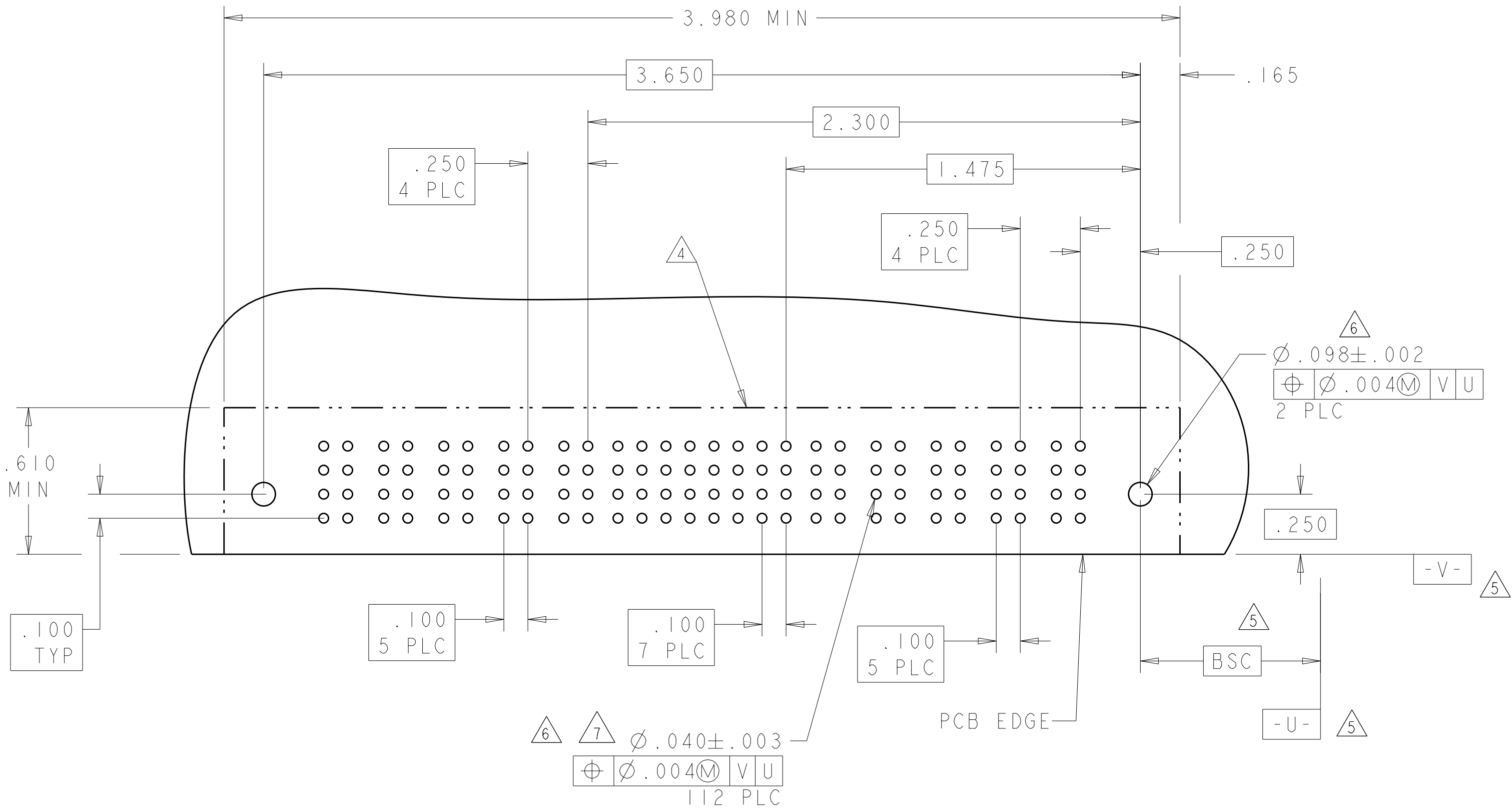
PART NUMBER	ROWS		POWER				SIGNAL			POWER			
			P7	P6	P5	P4	3	2	1	P3	P2	P1	
6450560-1	D C B A												
3P + 12S + 4P													



PART NUMBER	ROWS		POWER	SIGNAL				POWER	
			P2	4	3	2	1	P1	
6450560-3	D C B A		RP	D	D	D	D	RP	
				C	C	C	C		
				B	B	B	B		
				A	A	A	A		
1P + 16S + 1P									



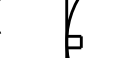
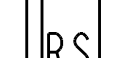
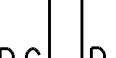
PART NUMBER	ROWS		POWER					SIGNAL							POWER						
			P10	P9	P8	P7	P6	8	7	6	5	4	3	2	1	P5	P4	P3	P2		P1
6450560-2	D						D	D	D	D	D	D	D	D							
	C						C	C	C	C	C	C	C								
	B						B	B	B	B	B	B	B								
	A						A	A	A	A	A	A	A								
5P + 32S + 5P																					

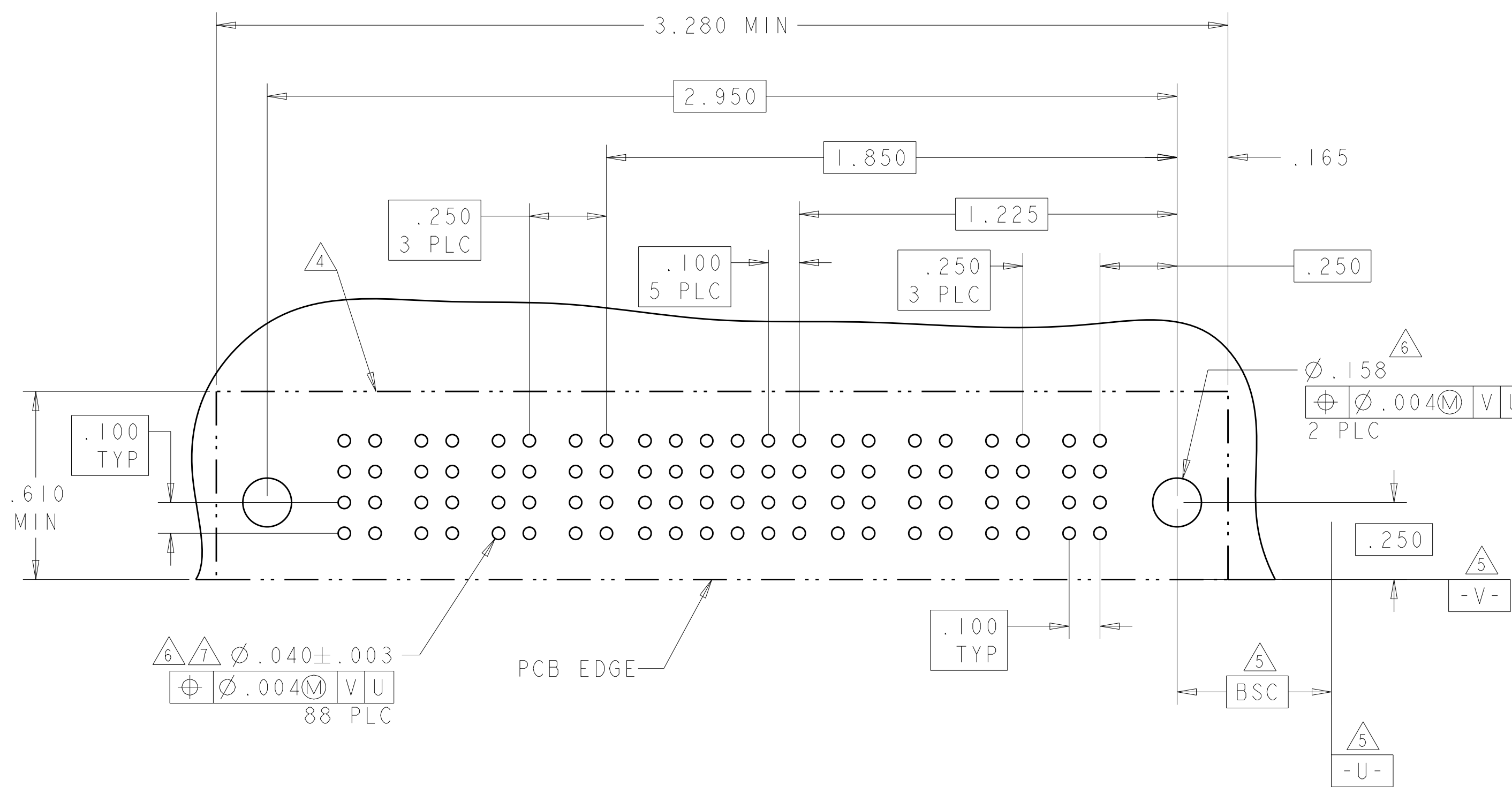


RK	PRESS FIT	MFBL
RL	PRESS FIT	STD
RP	PRESS FIT	MFBL
RS	PRESS FIT	STD
CODE	TAIL LENGTH	DESCRIPTION
POWER CONTACT		

DD	PRESS FIT	D
CC	PRESS FIT	C
BB	PRESS FIT	B
AA	PRESS FIT	A
D	PRESS FIT	D
C	PRESS FIT	C
B	PRESS FIT	B
A	PRESS FIT	A
CODE	TAIL LENGTH	ROW
SIGNAL CONTACT		

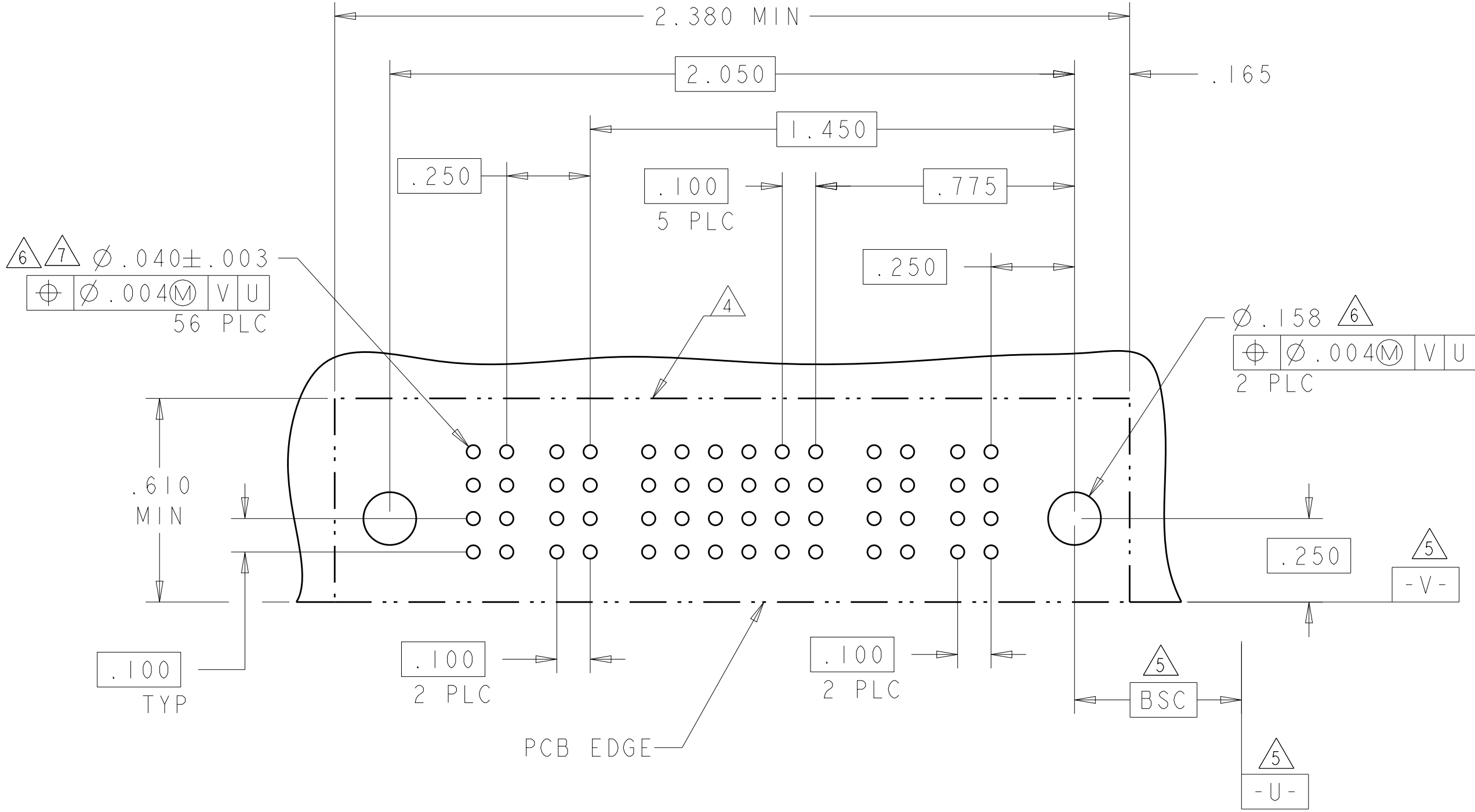
THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN R. GRZYBOWSKI CHK M. PERCHERKE APVD M. PERCHERKE	09MAR05 09MAR05
DIMENSIONS: INCHES		PRODUCT SPEC 108-1973	NAME
TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±.01 1 PLC ±.01 2 PLC ±.01 3 PLC ±.01 4 PLC ±.01 ANGLES ±.020 ± 2°		APPLICATION SPEC 114-13038	SIZE
MATERIAL		WEIGHT	CAGE CODE
			DRAWING NO
			RESTRICTED TO
			Customer Drawing
			SCALE 4:1
			SHEET 2 OF 7
			REV H3

PART NUMBER	ROWS		POWER				SIGNAL						POWER					
			P8	P7	P6	P5	6	5	4	3	2	1	P4	P3	P2	P1		
1-6450560-7	D			RS	RS	RS	RS	D	D	D	D	D	D	RS	RS	RS	RS	
	C							C	C	C	C	C						
	B							B	B	B	B	B						
	A							A	A	A	A	A						
4P + 24S + 4P																		

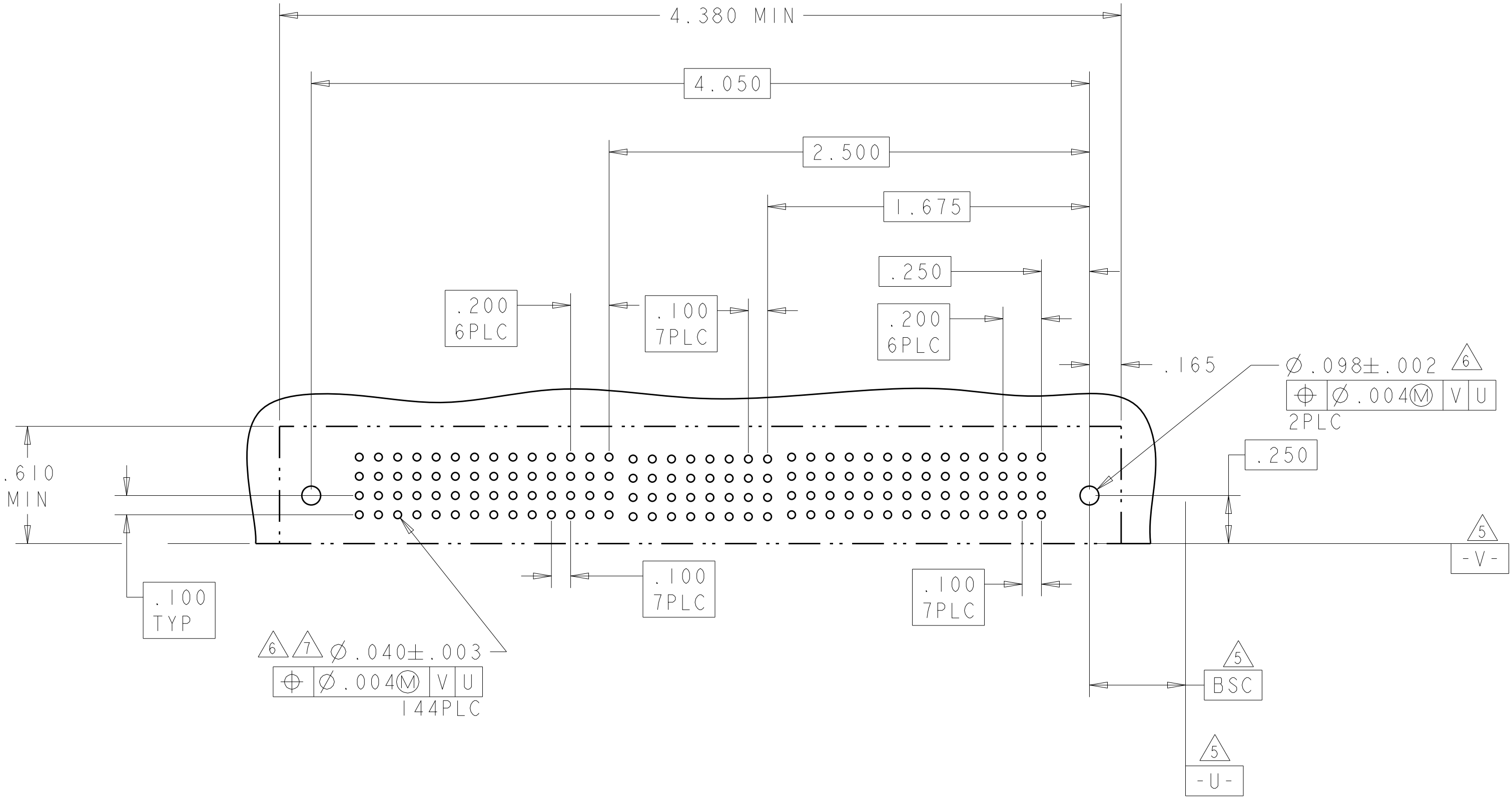
4805 (3/11)

LOC	DIST	REVISIONS					
ES	00	P	LTR	DESCRIPTION	DATE	DWN	APVD
		-		SEE SHEET 1	-	-	-

PART NUMBER	ROWS		POWER		SIGNAL						POWER		
			P4	P3	6	5	4	3	2	1	P2	P1	
1-6450560-3	D		RS	RS	D	D	D	D	D	D	RS	RS	
	C				C	C	C	C	C				
	B				B	B	B	B	B				
	A				A	A	A	A	A				
2P + 24S + 2P													



PART NUMBER	ROWS		POWER								SIGNAL								POWER								
			P14	P13	P12	P11	P10	P9	P8	8	7	6	5	4	3	2	1	P7	P6	P5	P4	P3	P2	P1			
6450560-4	D																										
C																											
B																											
A																											
7HDP + 32S + 7HDP																											



THIS DRAWING IS A CONTROLLED DOCUMENT.

DWN R.GRZYBOWSKI 09MAR05
CHK M.PERCHEKKE 09MAR05
APVD M.PERCHEKKE -

DIMENSIONS:
INCHES

TOLERANCES UNLESS OTHERWISE SPECIFIED:

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

MATERIAL

-

Customer Drawing

SCALE 4:1

SHEET 5 OF 7

REV H3

NAME

RIGHT ANGLE RECEPTACLE ASSEMBLY WITH GUIDES MULTI-BEAM XL

SIZE

A1

CAGE CODE

100779

DRAWING NO

6450560

RESTRICTED TO

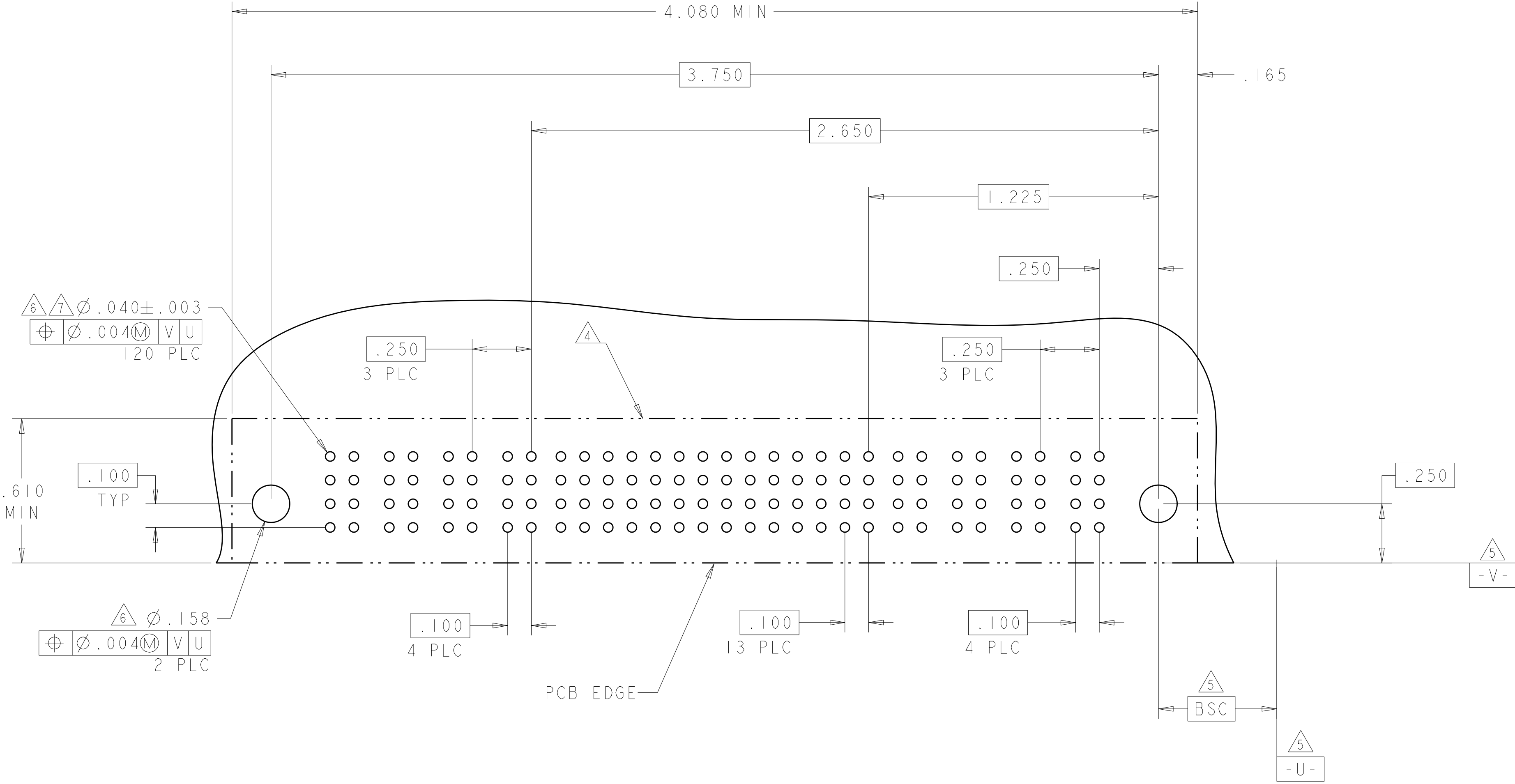
-

TE Connectivity

LOC	DIST	REVISIONS				
		P	LTR	DESCRIPTION	DATE	DWN
ES	00	-	-	SEE SHEET 1	-	-

(H1)

PART NUMBER	ROWS		POWER				SIGNAL																POWER				
			P8	P7	P6	P5	I4	I3	I2	I1	I0	9	8	7	6	5	4	3	2	1	P4	P3	P2	P1			
1-6450560-9	D		RS	RS	RS	RS	D	D	D	D	D	D	D	D	D	D	D	D	D	D	RS	RS	RS	RS			
	C						C	C	C	C	C	C	C	C	C	C	C	C	C	C						C	
	B						B	B	B	B	B	B	B	B	B	B	B	B	B	B						B	
	A						A	A	A	A	A	A	A	A	A	A	A	A	A	A						A	
4P + 56S + 4P																											



THIS DRAWING IS A CONTROLLED DOCUMENT.

DWN
R.GRZYBOWSKI
CHK
M.PERCHERKE
APVD
M.PERCHERKE

09MAR05
09MAR05

DIMENSIONS:
INCHES

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

TOLERANCES UNLESS
OTHERWISE SPECIFIED:

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

09MAR05
09MAR05

NAME
RIGHT ANGLE RECEPTACLE ASSEMBLY
WITH GUIDES
MULTI-BEAM XL

SIZE
A100779

CAGE CODE
C=6450560

DRAWING NO
Customer Drawing

RESTRICTED TO
-

SCALE
4:1

SHEET
6

OF
7

REV
H3

TE Connectivity

4805 (3/11)

Top view drawing of a PCB showing dimensions and tolerances. The drawing includes a grid of holes and various dimension lines with numerical values and tolerances. Key features include:

- Overall dimensions: 5.480 MIN (total width), 5.150 (width of the main body), 3.050 (width of the central section), 2.225 (width of the left section), and .250 (width of the right section).
- Dimensional tolerances: $\pm .002$, $\pm .003$, $\pm .004$, $\pm .010$, $\pm .015$, $\pm .020$, $\pm .030$, $\pm .040$, $\pm .050$, $\pm .060$, $\pm .070$, $\pm .080$, $\pm .090$, $\pm .100$, $\pm .110$, $\pm .120$, $\pm .130$, $\pm .140$, $\pm .150$, $\pm .160$, $\pm .170$, $\pm .180$, $\pm .190$, $\pm .200$, $\pm .210$, $\pm .220$, $\pm .230$, $\pm .240$, $\pm .250$, $\pm .260$, $\pm .270$, $\pm .280$, $\pm .290$, $\pm .300$, $\pm .310$, $\pm .320$, $\pm .330$, $\pm .340$, $\pm .350$, $\pm .360$, $\pm .370$, $\pm .380$, $\pm .390$, $\pm .400$, $\pm .410$, $\pm .420$, $\pm .430$, $\pm .440$, $\pm .450$, $\pm .460$, $\pm .470$, $\pm .480$, $\pm .490$, $\pm .500$, $\pm .510$, $\pm .520$, $\pm .530$, $\pm .540$, $\pm .550$, $\pm .560$, $\pm .570$, $\pm .580$, $\pm .590$, $\pm .600$, $\pm .610$, $\pm .620$, $\pm .630$, $\pm .640$, $\pm .650$, $\pm .660$, $\pm .670$, $\pm .680$, $\pm .690$, $\pm .700$, $\pm .710$, $\pm .720$, $\pm .730$, $\pm .740$, $\pm .750$, $\pm .760$, $\pm .770$, $\pm .780$, $\pm .790$, $\pm .800$, $\pm .810$, $\pm .820$, $\pm .830$, $\pm .840$, $\pm .850$, $\pm .860$, $\pm .870$, $\pm .880$, $\pm .890$, $\pm .900$, $\pm .910$, $\pm .920$, $\pm .930$, $\pm .940$, $\pm .950$, $\pm .960$, $\pm .970$, $\pm .980$, $\pm .990$, ± 1.000 , ± 1.010 , ± 1.020 , ± 1.030 , ± 1.040 , ± 1.050 , ± 1.060 , ± 1.070 , ± 1.080 , ± 1.090 , ± 1.100 , ± 1.110 , ± 1.120 , ± 1.130 , ± 1.140 , ± 1.150 , ± 1.160 , ± 1.170 , ± 1.180 , ± 1.190 , ± 1.200 , ± 1.210 , ± 1.220 , ± 1.230 , ± 1.240 , ± 1.250 , ± 1.260 , ± 1.270 , ± 1.280 , ± 1.290 , ± 1.300 , ± 1.310 , ± 1.320 , ± 1.330 , ± 1.340 , ± 1.350 , ± 1.360 , ± 1.370 , ± 1.380 , ± 1.390 , ± 1.400 , ± 1.410 , ± 1.420 , ± 1.430 , ± 1.440 , ± 1.450 , ± 1.460 , ± 1.470 , ± 1.480 , ± 1.490 , ± 1.500 , ± 1.510 , ± 1.520 , ± 1.530 , ± 1.540 , ± 1.550 , ± 1.560 , ± 1.570 , ± 1.580 , ± 1.590 , ± 1.600 , ± 1.610 , ± 1.620 , ± 1.630 , ± 1.640 , ± 1.650 , ± 1.660 , ± 1.670 , ± 1.680 , ± 1.690 , ± 1.700 , ± 1.710 , ± 1.720 , ± 1.730 , ± 1.740 , ± 1.750 , ± 1.760 , ± 1.770 , ± 1.780 , ± 1.790 , ± 1.800 , ± 1.810 , ± 1.820 , ± 1.830 , ± 1.840 , ± 1.850 , ± 1.860 , ± 1.870 , ± 1.880 , ± 1.890 , ± 1.900 , ± 1.910 , ± 1.920 , ± 1.930 , ± 1.940 , ± 1.950 , ± 1.960 , ± 1.970 , ± 1.980 , ± 1.990 , ± 2.000 , ± 2.010 , ± 2.020 , ± 2.030 , ± 2.040 , ± 2.050 , ± 2.060 , ± 2.070 , ± 2.080 , ± 2.090 , ± 2.100 , ± 2.110 , ± 2.120 , ± 2.130 , ± 2.140 , ± 2.150 , ± 2.160 , ± 2.170 , ± 2.180 , ± 2.190 , ± 2.200 , ± 2.210 , ± 2.220 , ± 2.230 , ± 2.240 , ± 2.250 , ± 2.260 , ± 2.270 , ± 2.280 , ± 2.290 , ± 2.300 , ± 2.310 , ± 2.320 , ± 2.330 , ± 2.340 , ± 2.350 , ± 2.360 , ± 2.370 , ± 2.380 , ± 2.390 , ± 2.400 , ± 2.410 , ± 2.420 , ± 2.430 , ± 2.440 , ± 2.450 , ± 2.460 , ± 2.470 , ± 2.480 , ± 2.490 , ± 2.500 , ± 2.510 , ± 2.520 , ± 2.530 , ± 2.540 , ± 2.550 , ± 2.560 , ± 2.570 , ± 2.580 , ± 2.590 , ± 2.600 , ± 2.610 , ± 2.620 , ± 2.630 , ± 2.640 , ± 2.650 , ± 2.660 , ± 2.670 , ± 2.680 , ± 2.690 , ± 2.700 , ± 2.710 , ± 2.720 , ± 2.730 , ± 2.740 , ± 2.750 , ± 2.760 , ± 2.770 , ± 2.780 , ± 2.790 , ± 2.800 , ± 2.810 , ± 2.820 , ± 2.830 , ± 2.840 , ± 2.850 , ± 2.860 , ± 2.870 , ± 2.880 , ± 2.890 , ± 2.900 , ± 2.910 , ± 2.920 , ± 2.930 , ± 2.940 , ± 2.950 , ± 2.960 , ± 2.970 , ± 2.980 , ± 2.990 , ± 3.000 , ± 3.010 , ± 3.020 , ± 3.030 , ± 3.040 , ± 3.050 , ± 3.060 , ± 3.070 , ± 3.080 , ± 3.090 , ± 3.100 , ± 3.110 , ± 3.120 , ± 3.130 , ± 3.140 , ± 3.150 , ± 3.160 , ± 3

4805 (3/11)