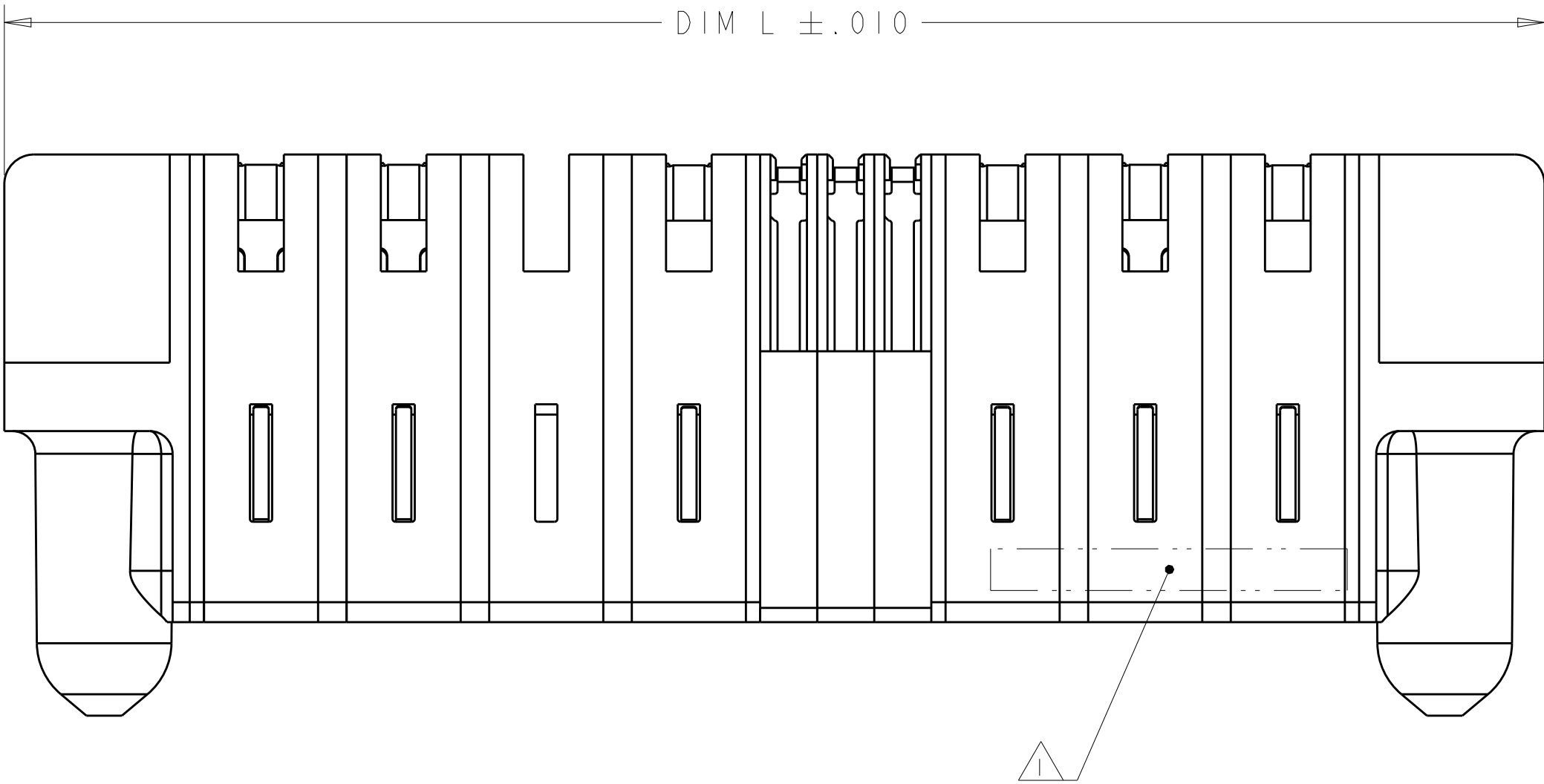


LOC		DIST		REVISIONS					
ES	00	P	LYR	DESCRIPTION		DATE	DWN	APVD	
		H2		REV PER ECR-12-010534		11JUN2012	CZ	SZ	
		H3		REV PER ECR-13-004638		20MAR2013	ML	SZ	



△ "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

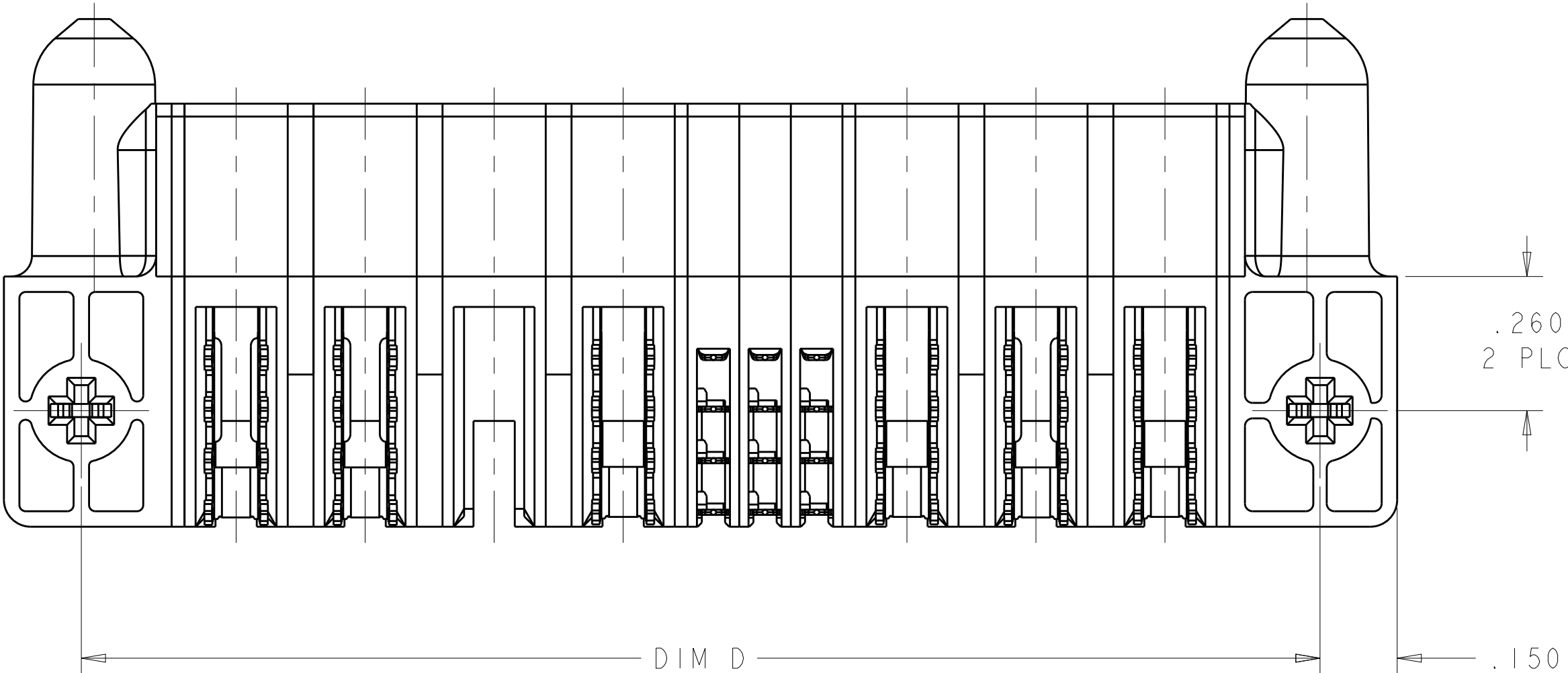
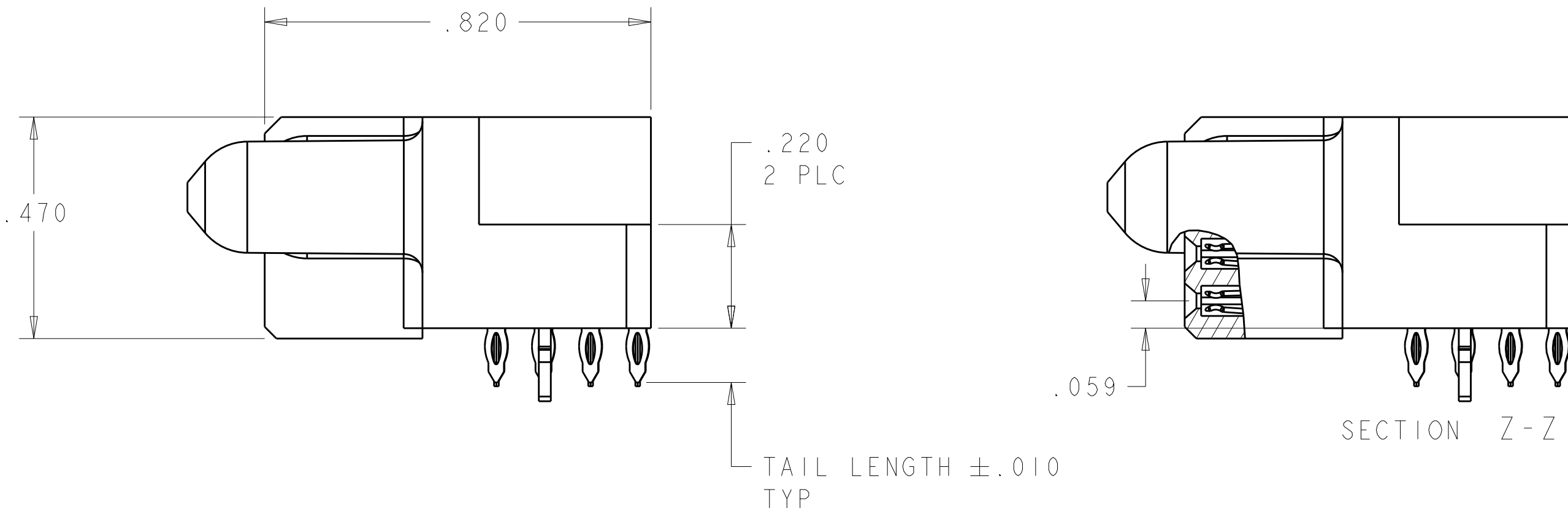
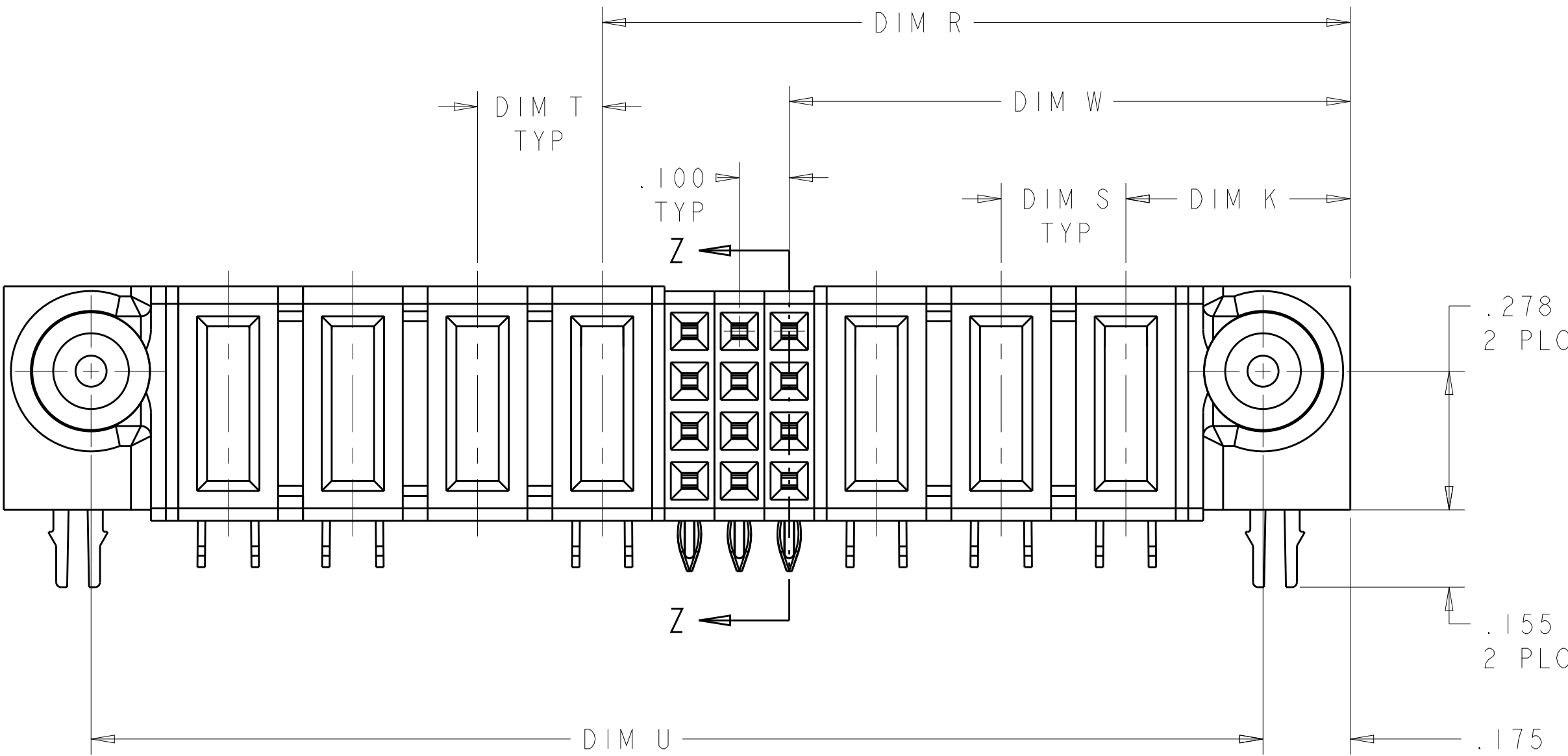
△ CONTACT PLATING: NOBLE METAL PLATING ON CONTACT FUNCTIONAL AREA
OF POWER AND SIGNAL CONTACTS

△ 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 ±.0020
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

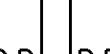
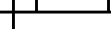
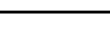
RESTRICTED TO
-

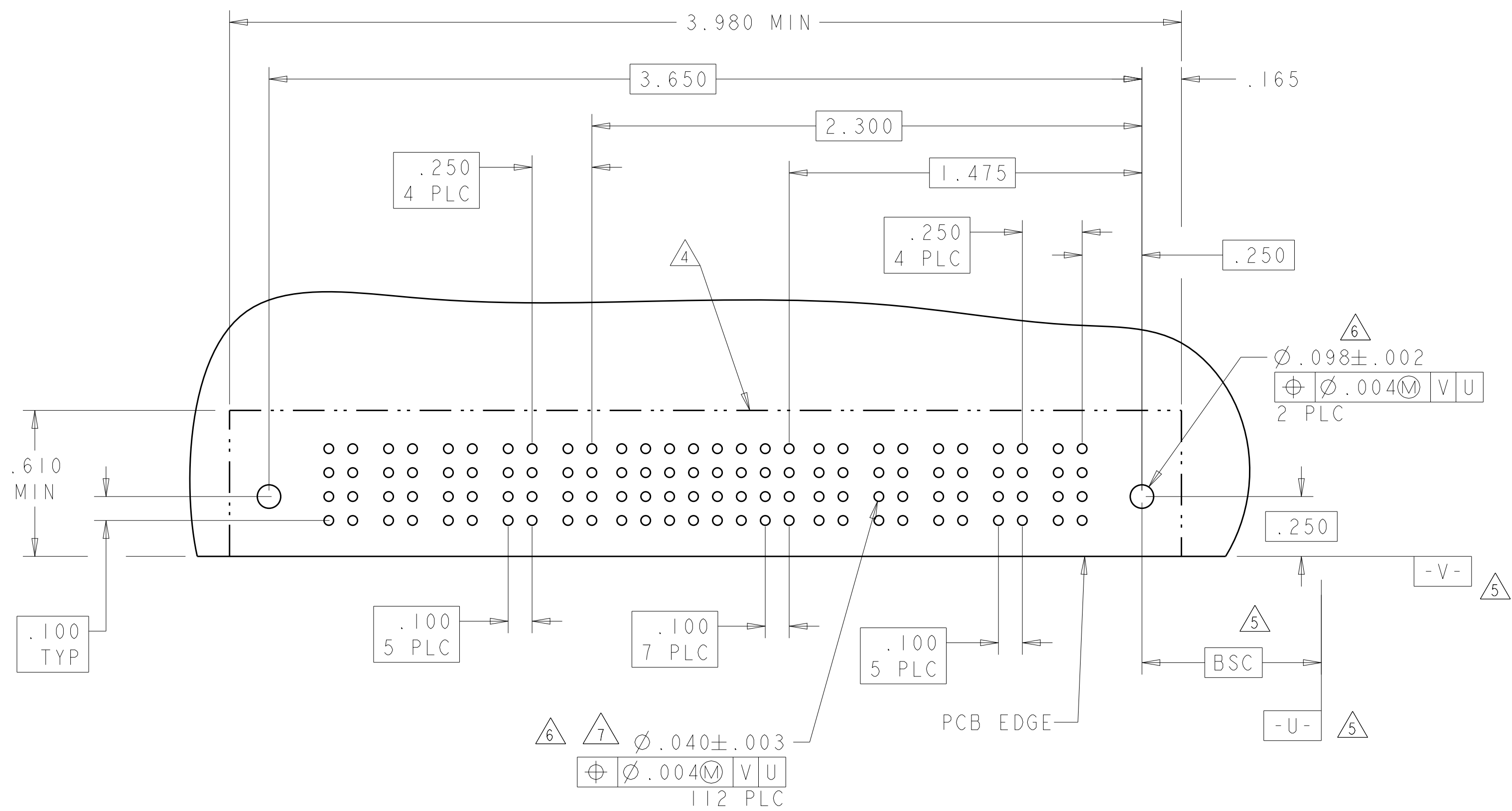
SCALE
4:1

SHEET
1

OF
7

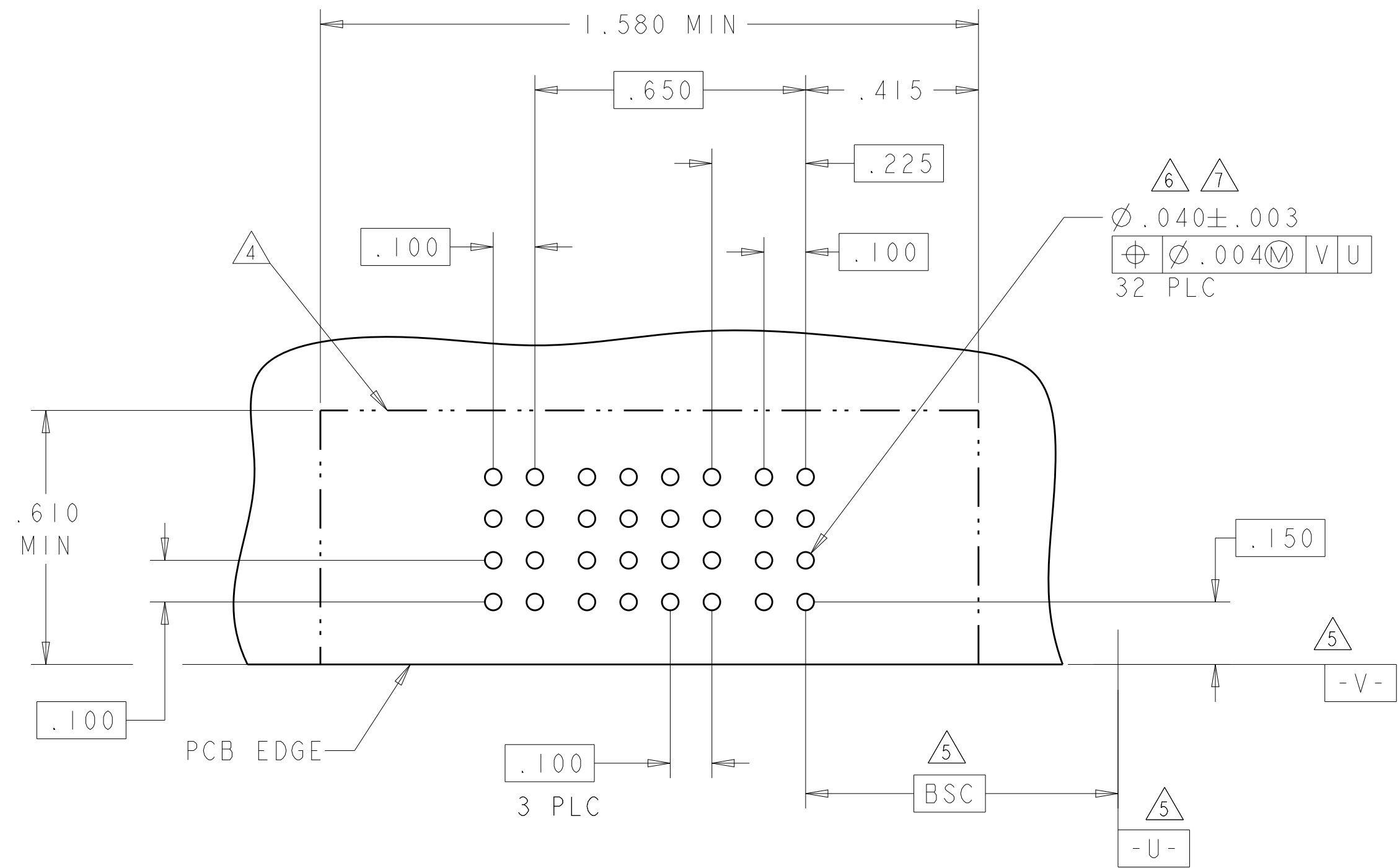
REV
H3

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		RP	RP	RP	RP	RP	D	D	D	D	D	D	D	D	RP	RP	RP	RP	RP	
	C							C	C	C	C	C	C	C	C						
	B							B	B	B	B	B	B	B	B						
	A							A	A	A	A	A	A	A	A						
5P + 32S + 5P																					



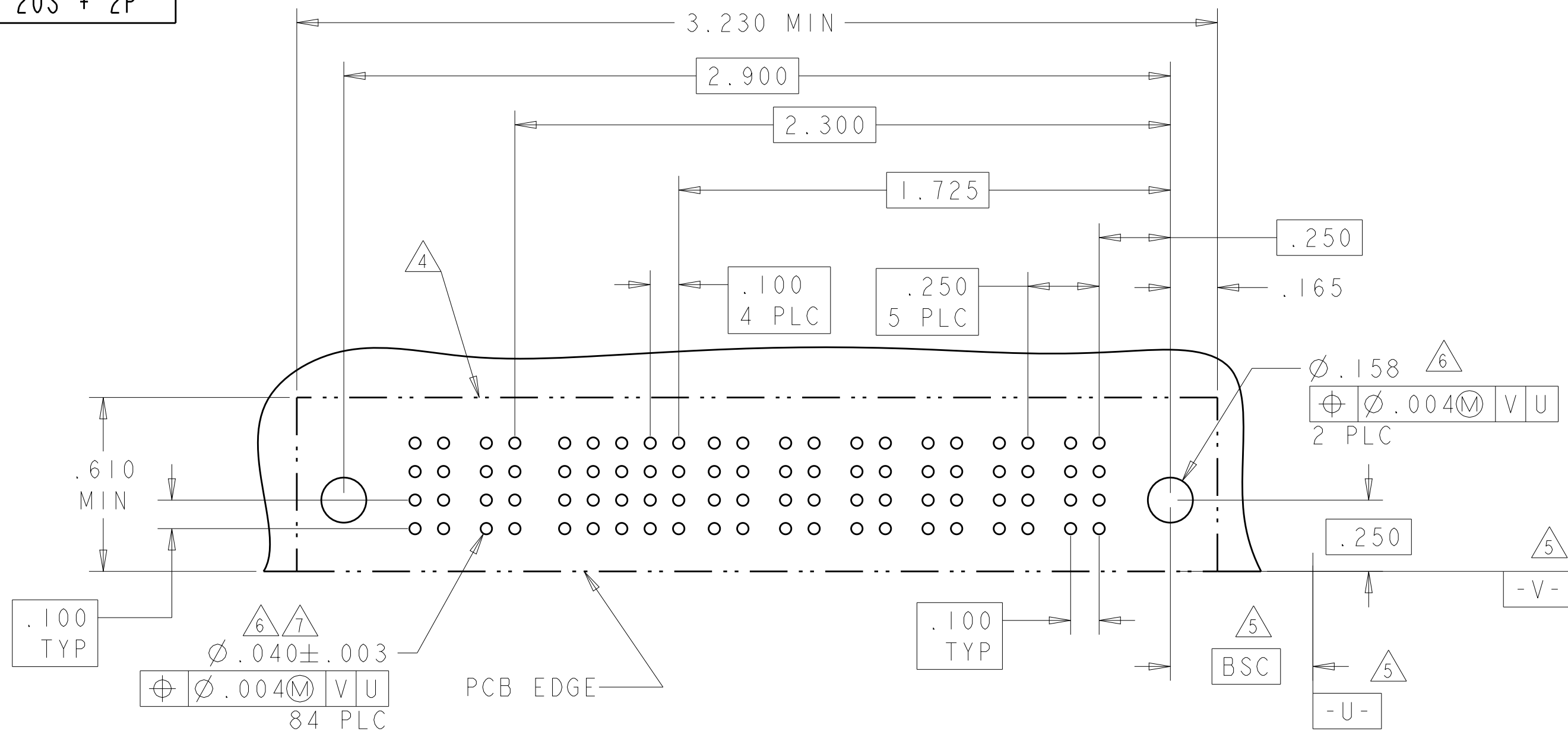
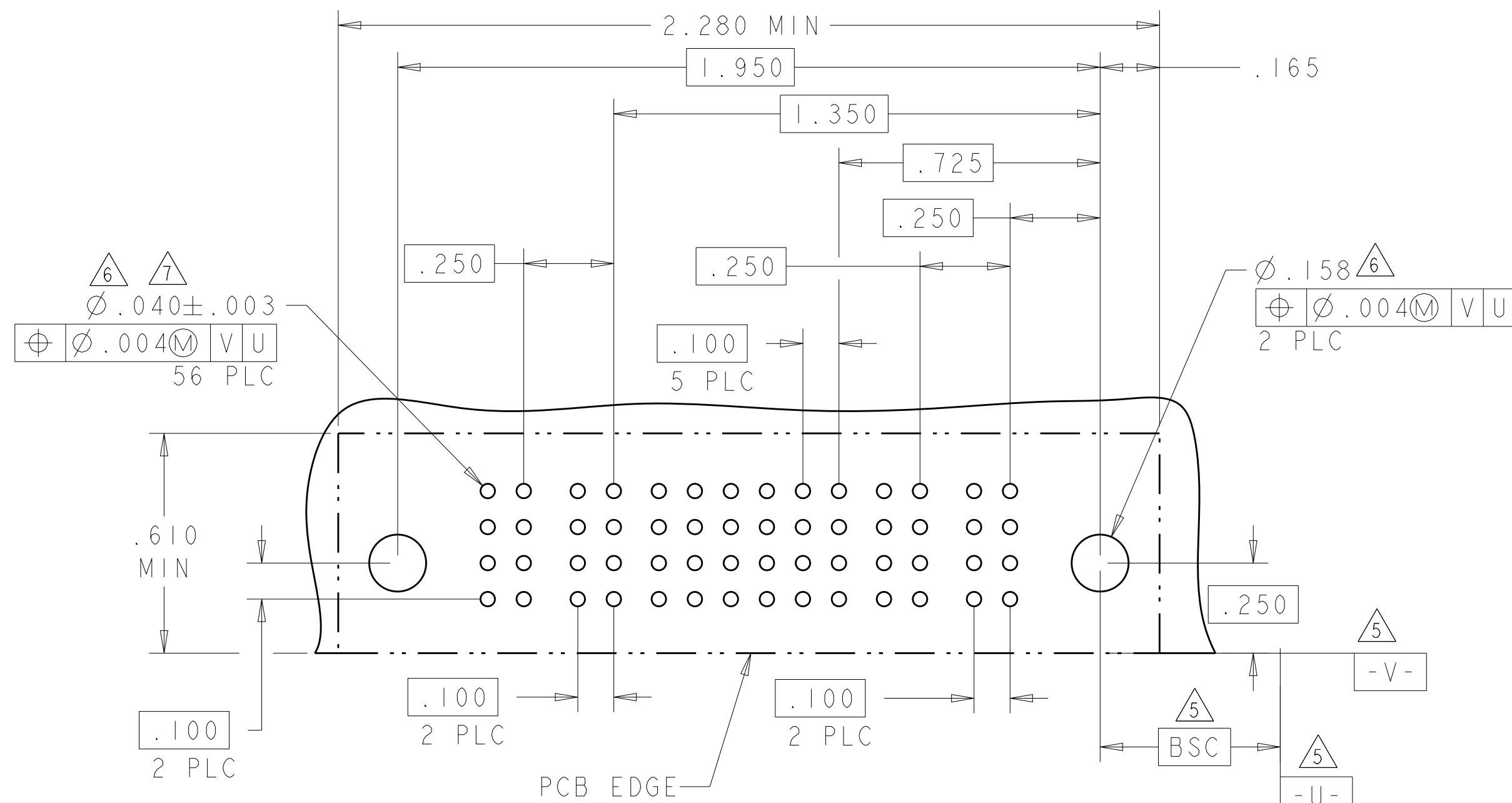
RK	PRESS FIT	MFBL
RL	PRESS FIT	STD
RP	PRESS FIT	MFBL
RS	PRESS FIT	STD
CODE	TAIL LENGTH	DESCRIPTION
POWER CONTACT		

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		

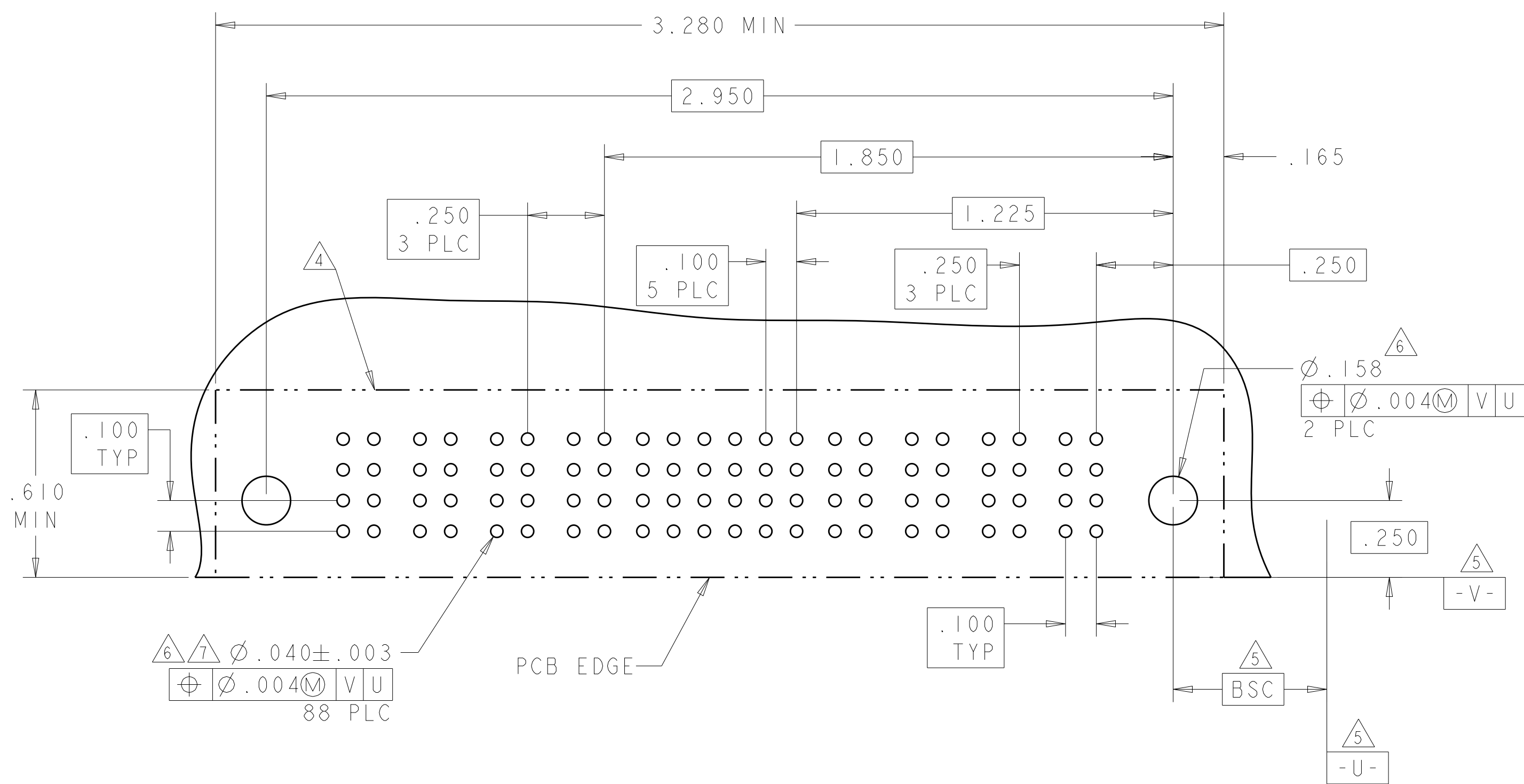


THIS DRAWING IS A CONTROLLED DOCUMENT.		OWN: GRZYBOWSKI 09MAR05 CHK: M. PERCHERKE 09MAR05		 TE Connectivity	
DIMENSIONS: INCHES		TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±. 1 PLC ±. 2 PLC ±.01 3 PLC ±.005 4 PLC ±.0020 ANGLES ± 2°		NAME: RIGHT ANGLE RECEPTACLE ASSEMBLY WITH GUIDES MULTI-BEAM XL	
		PRODUCT SPEC: 108-1973 APPLICATION SPEC: 114-13038 WEIGHT: -		SIZE: CAGE CODE: DRAWING NO: A100779 © 6450560 RESTRICTED TO: -	
MATERIAL: - FINISH: -		Customer Drawing		SCALE: 4:1 SHEET 2 OF 7 REV: H3	

PART NUMBER	ROWS		POWER		SIGNAL						POWER						
			P8	P7	5	4	3	2	1	P6	P5	P4	P3	P2	P1		
1-6450560-5	D			RP	RP	D	D	D	D	D							
	C					C	C	C	C								
	B					B	B	B	B								
	A					A	A	A	A								
6P + 20S + 2P		 ————— 3.230 MIN —————															

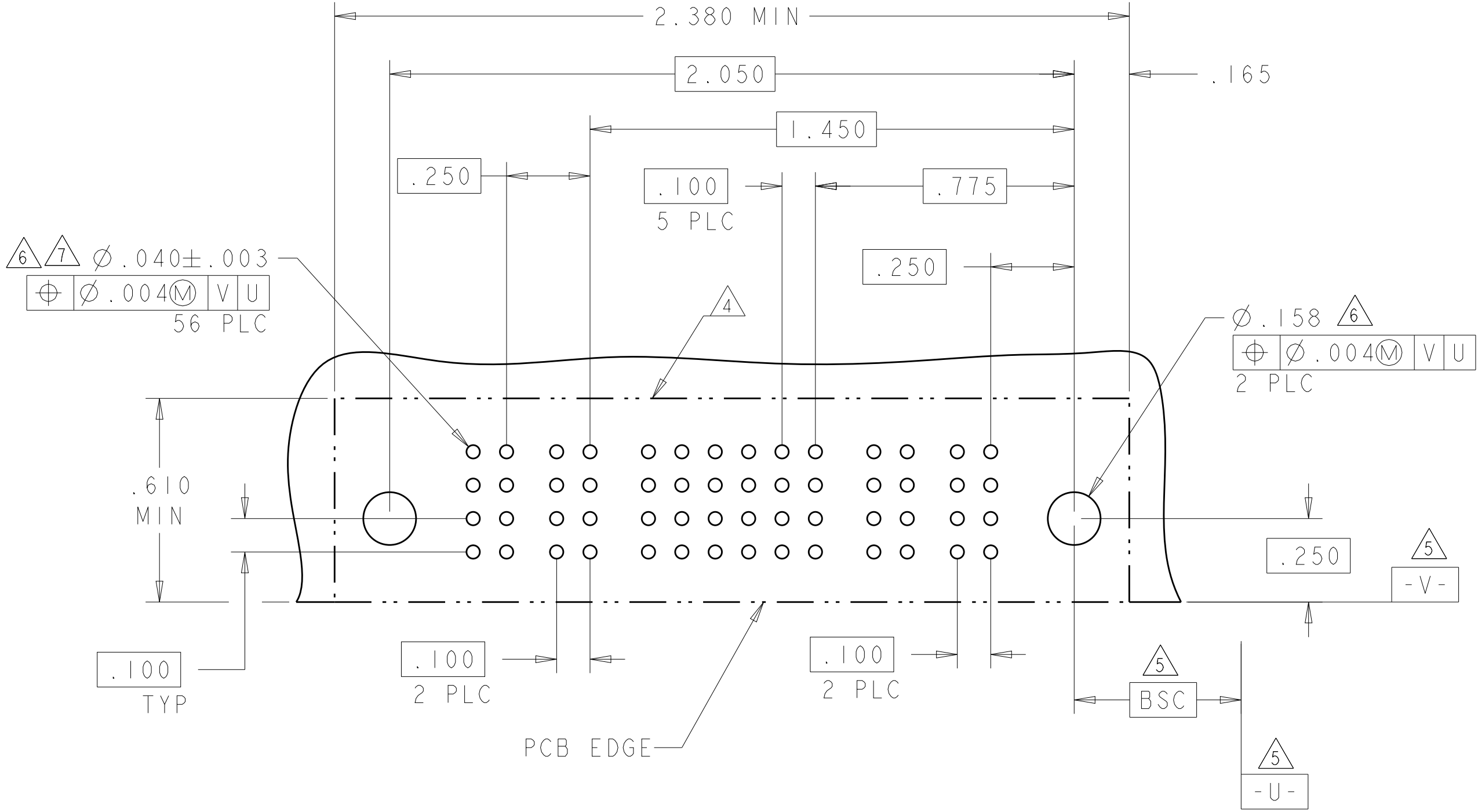
[illegible]4805 (3/11)

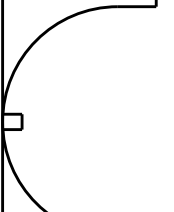
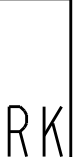
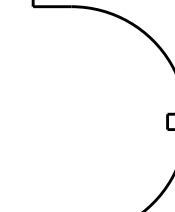
PART NUMBER	ROWS		POWER				SIGNAL						POWER					
			P8	P7	P6	P5	6	5	4	3	2	1	P4	P3	P2	P1		
1-6450560-7	D			RS	RS	RS	RS	D	D	D	D	D	D	RS	RS	RS	RS	
	C							C	C	C	C	C						
	B							B	B	B	B	B						
	A							A	A	A	A	A						
4P + 24S + 4P																		

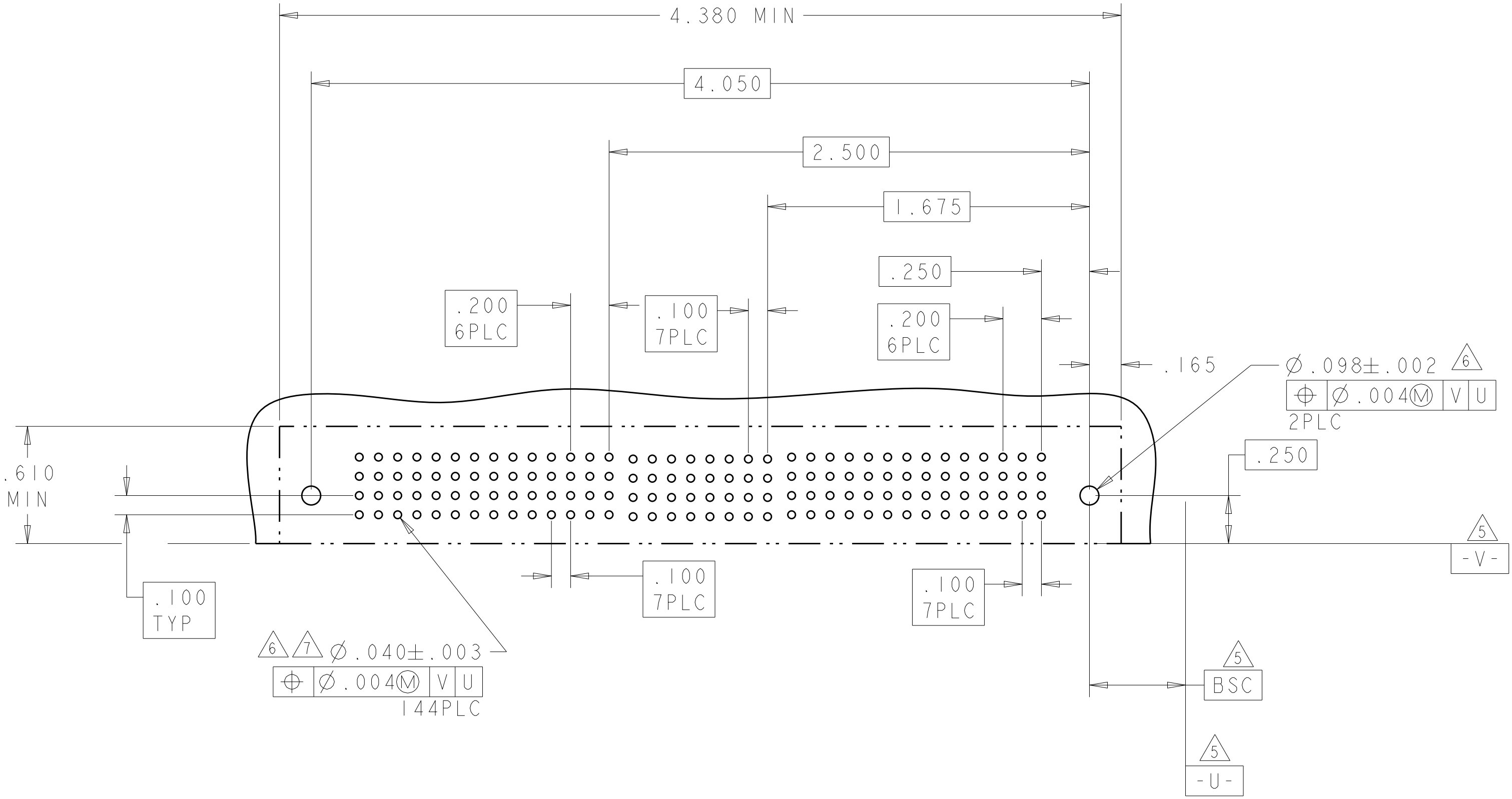
4805 (3/11)

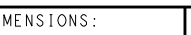
LOC	DIST	REVISIONS					
ES	00	P	LTR	DESCRIPTION	DATE	DWN	APVD
		-	-	SEE SHEET 1	-	-	-

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																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
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7HDP + 32S + 7HDP																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								

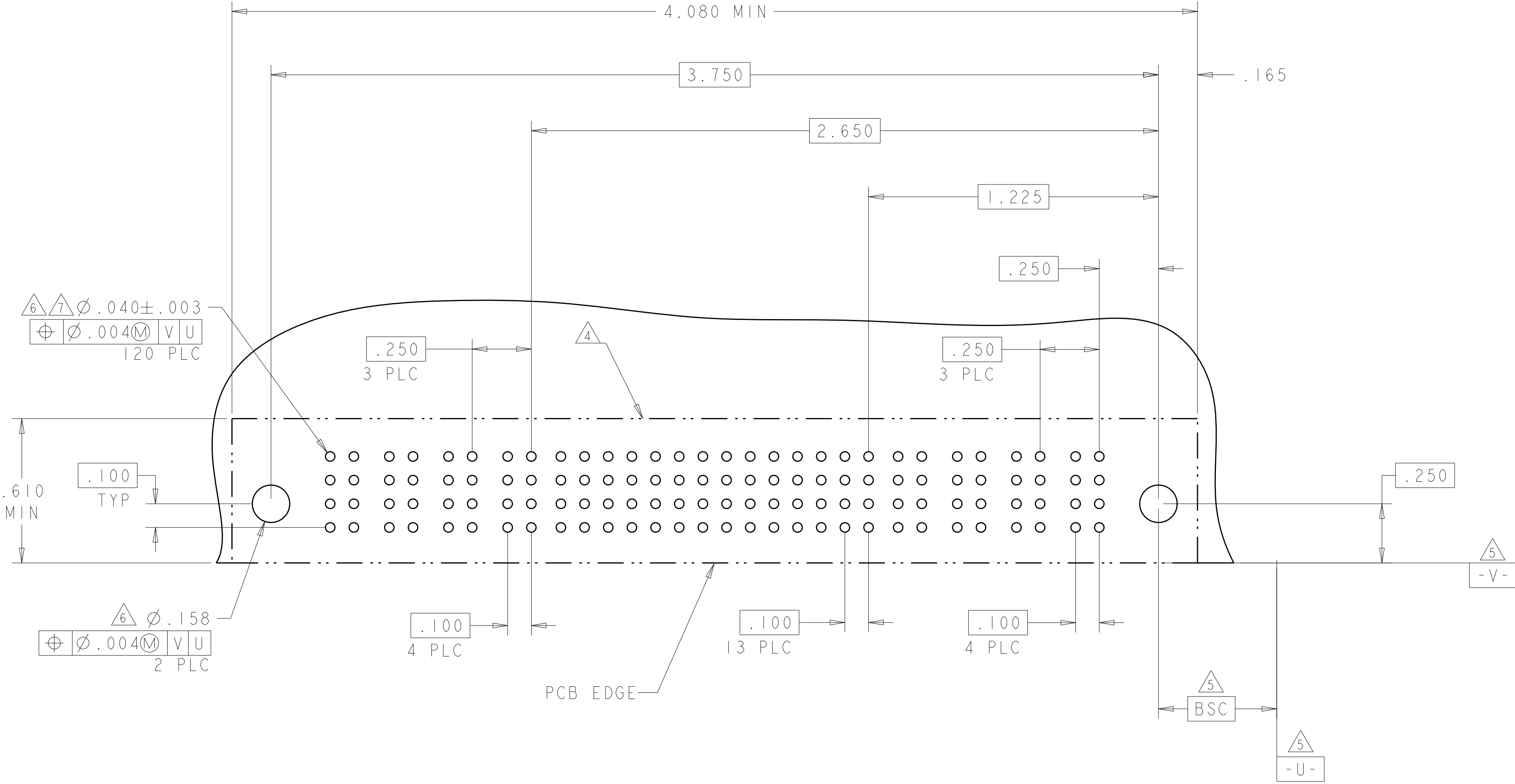


THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN R. GRZYBOWSKI 09MAR05			TE Connectivity							
		CHK M. PERCHERKE 09MAR05										
DIMENSIONS:		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME	RIGHT ANGLE RECEPTACLE ASSEMBLY WITH GUIDES MULTI-BEAM XL							
INCHES												
		0.190 ± 0.1		PRODUCT SPEC	SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO				
		0.190 ± 0.1										
		0.005 ± 0.005										
		0.0020 ± 0.0020										
ANGLES		FINISH		APPLICATION SPEC		114-13038		A100779	C=6450560	-		
MATERIAL		WEIGHT		Customer Drawing		SCALE 4:1					SHEET 5 OF 7	REV H3

LOC	DIST	REVISIONS					
ES	00	P	LTR	DESCRIPTION	DATE	DWN	APVD
		-	-	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	B
	A						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.PERCHEKKE
APVD
M.PERCHEKKE

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

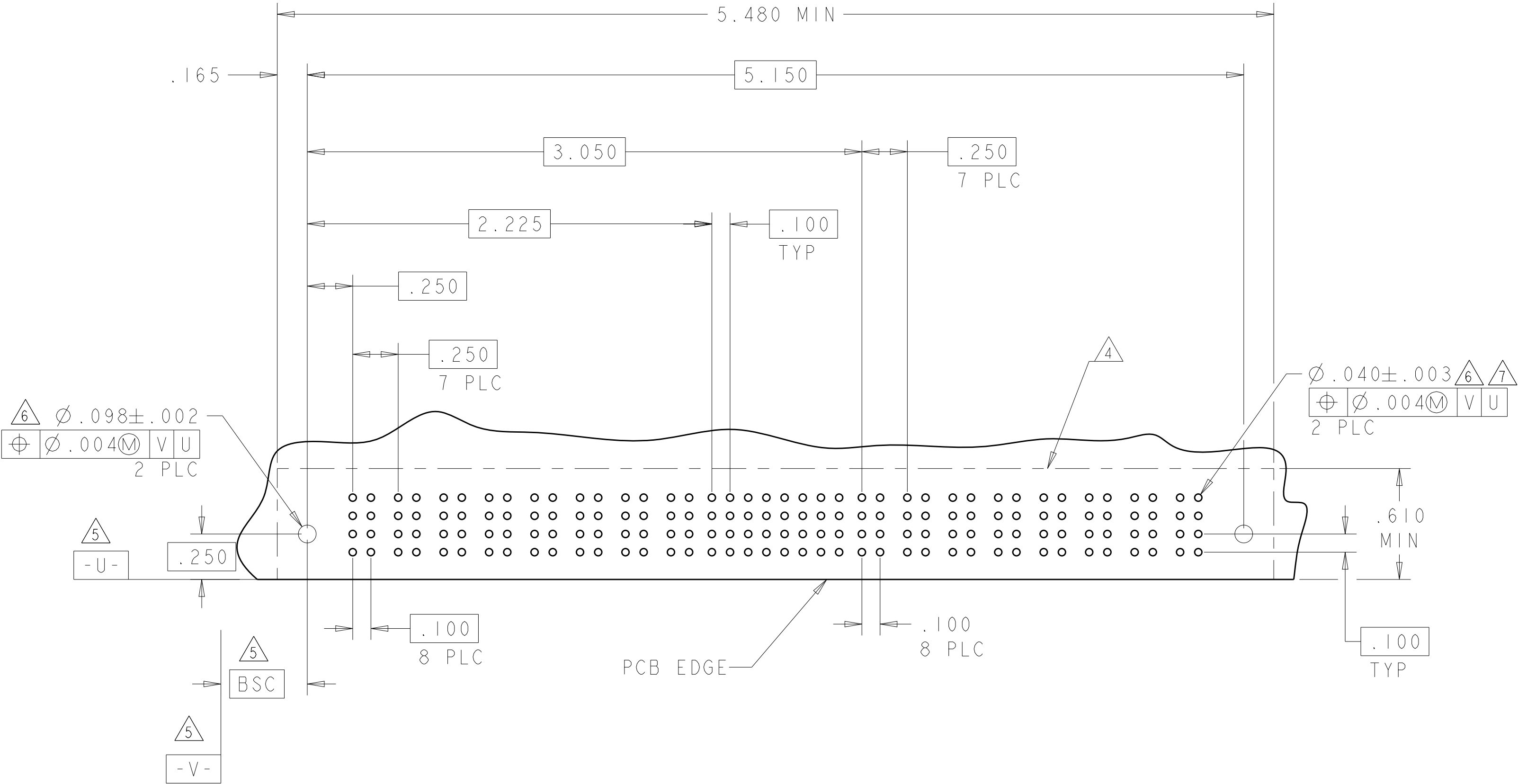
REV
H3

TE Connectivity

4805 (3/11)

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

PART NUMBER	ROWS		POWER								SIGNAL								POWER									
			P16	P15	P14	P13	P12	P11	P10	P9	8	7	6	5	4	3	2	1	P8	P7	P6	P5	P4	P3	P2	P1		
I-6450560-6	D C B A		RS	RS	RS	RS	RS	RS	RS	RS	D	D	D	D	D	D	D	D	RS	RS	RS	RS	RS	RS	RS	RS		
											C	C	C	C	C	C	C	C										C
											B	B	B	B	B	B	B	B										B
											A	A	A	A	A	A	A	A										A
8P + 32S + 8P																												



THIS DRAWING IS A CONTROLLED DOCUMENT.

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

09MAR05
09MAR05
-

DIMENSIONS:
INCHES

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

TOLERANCES UNLESS OTHERWISE SPECIFIED:

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

Customer Drawing

NAME
RIGHT ANGLE RECEPTACLE ASSEMBLY
WITH GUIDES
MULTI-BEAM XL

SIZE
A1

CAGE CODE
100779

DRAWING NO.
C=6450560

RESTRICTED TO
-

SCALE
4:1

SHEET
7

OF
7

REV
H3

TE Connectivity

Customer Drawing

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[TE Connectivity:](#)

[1-6450560-1](#)