



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



Contact us

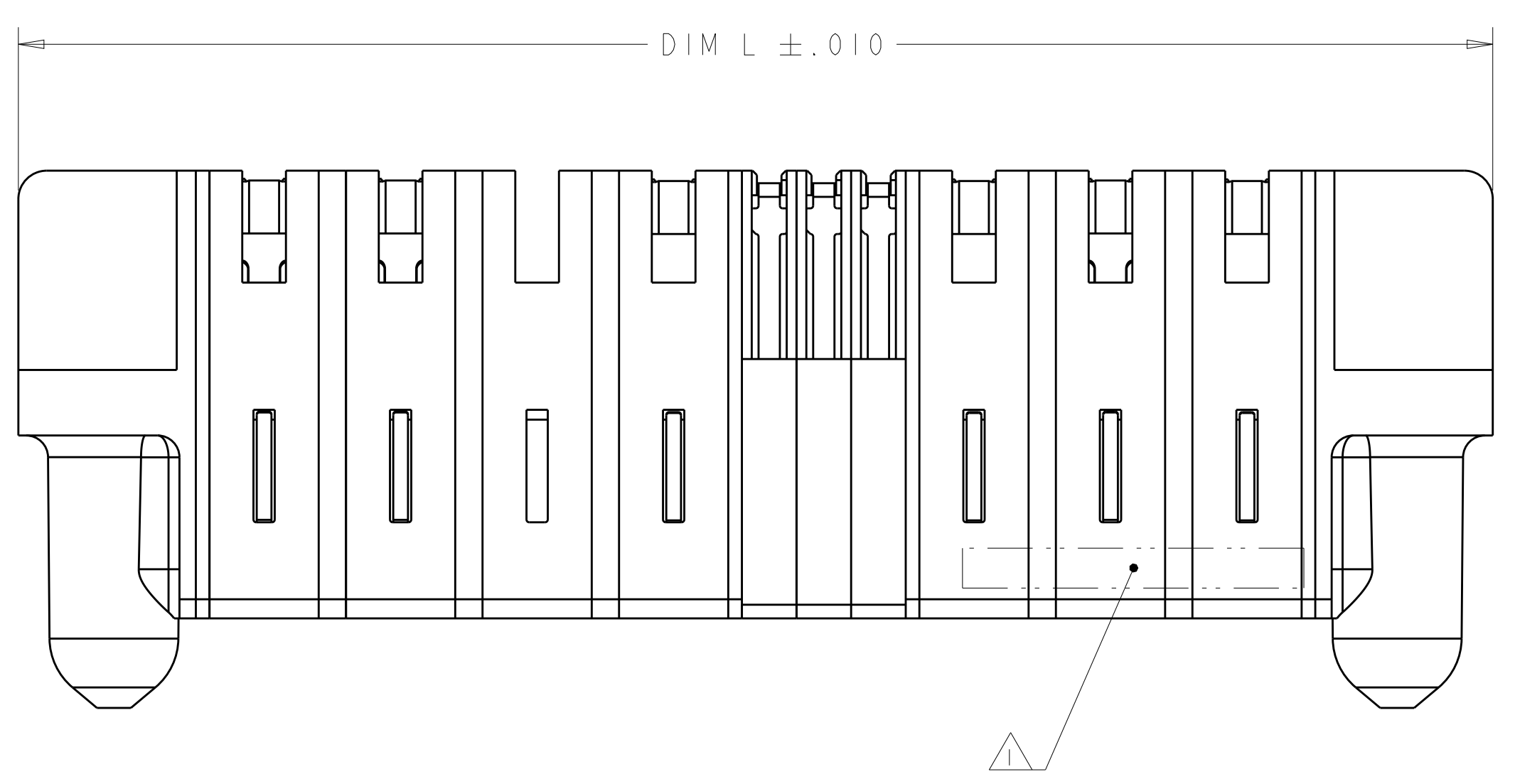
Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

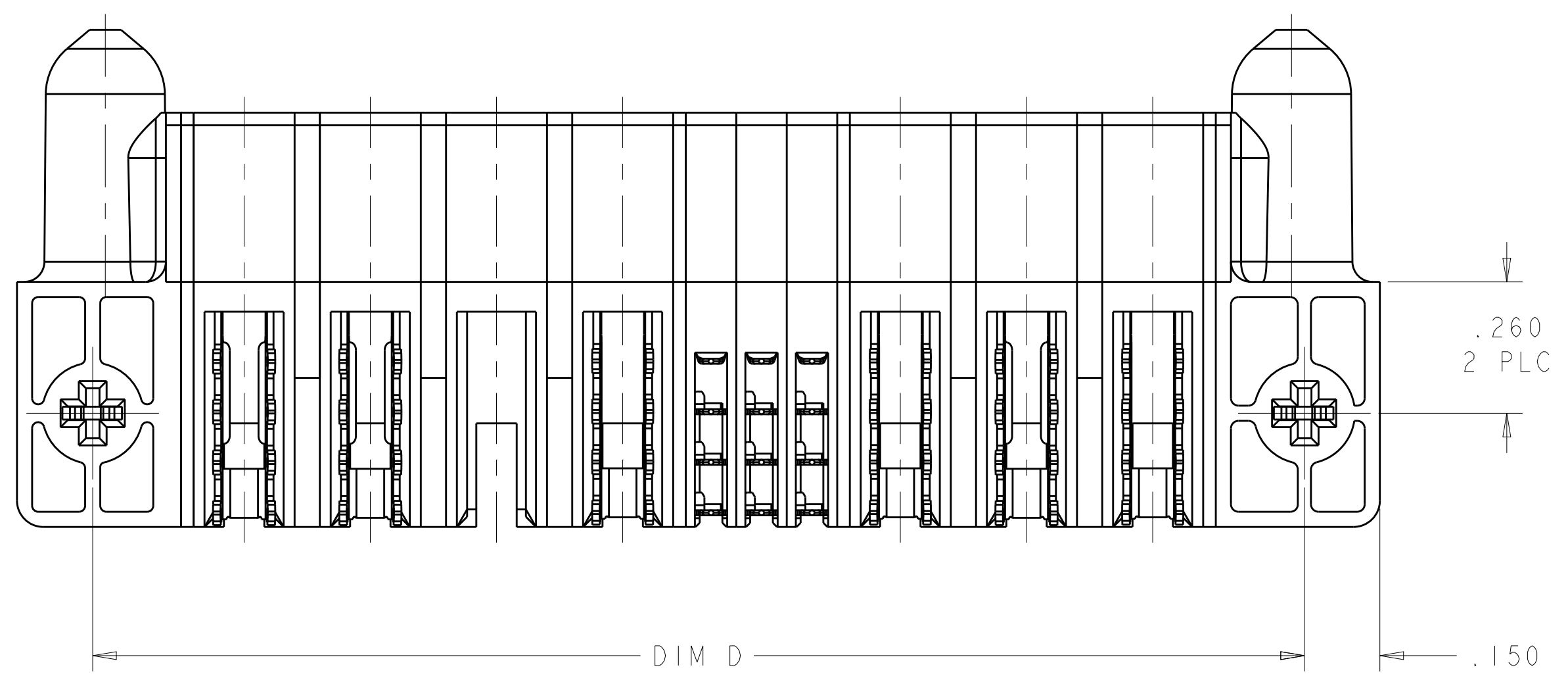
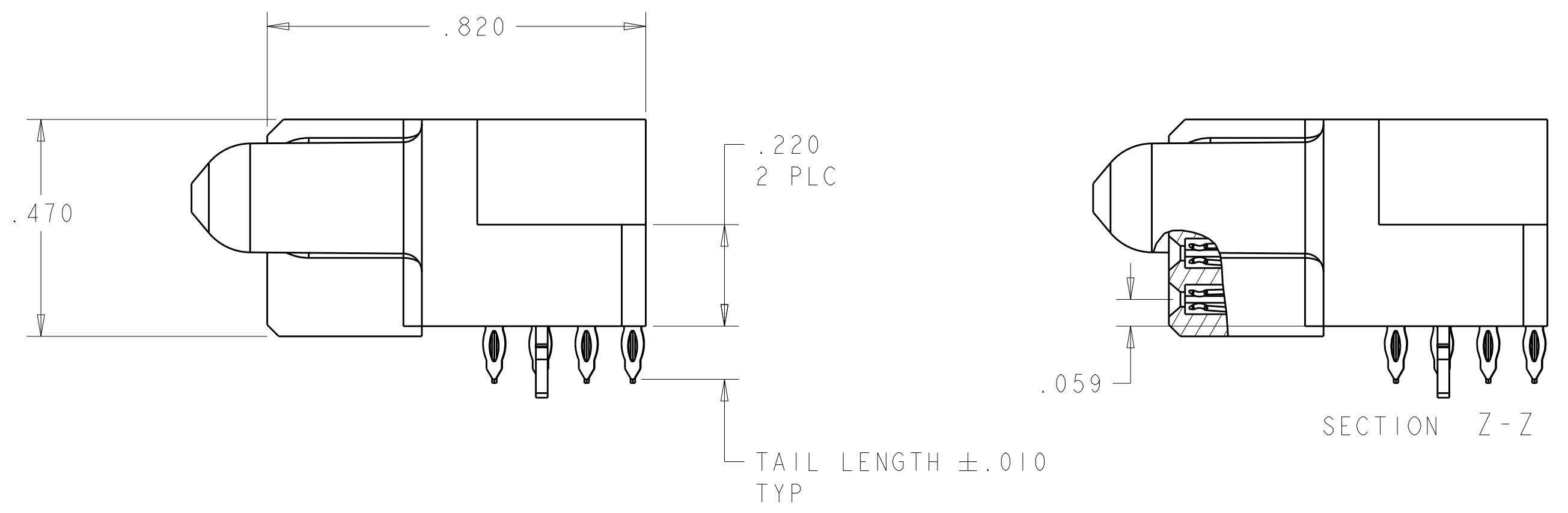
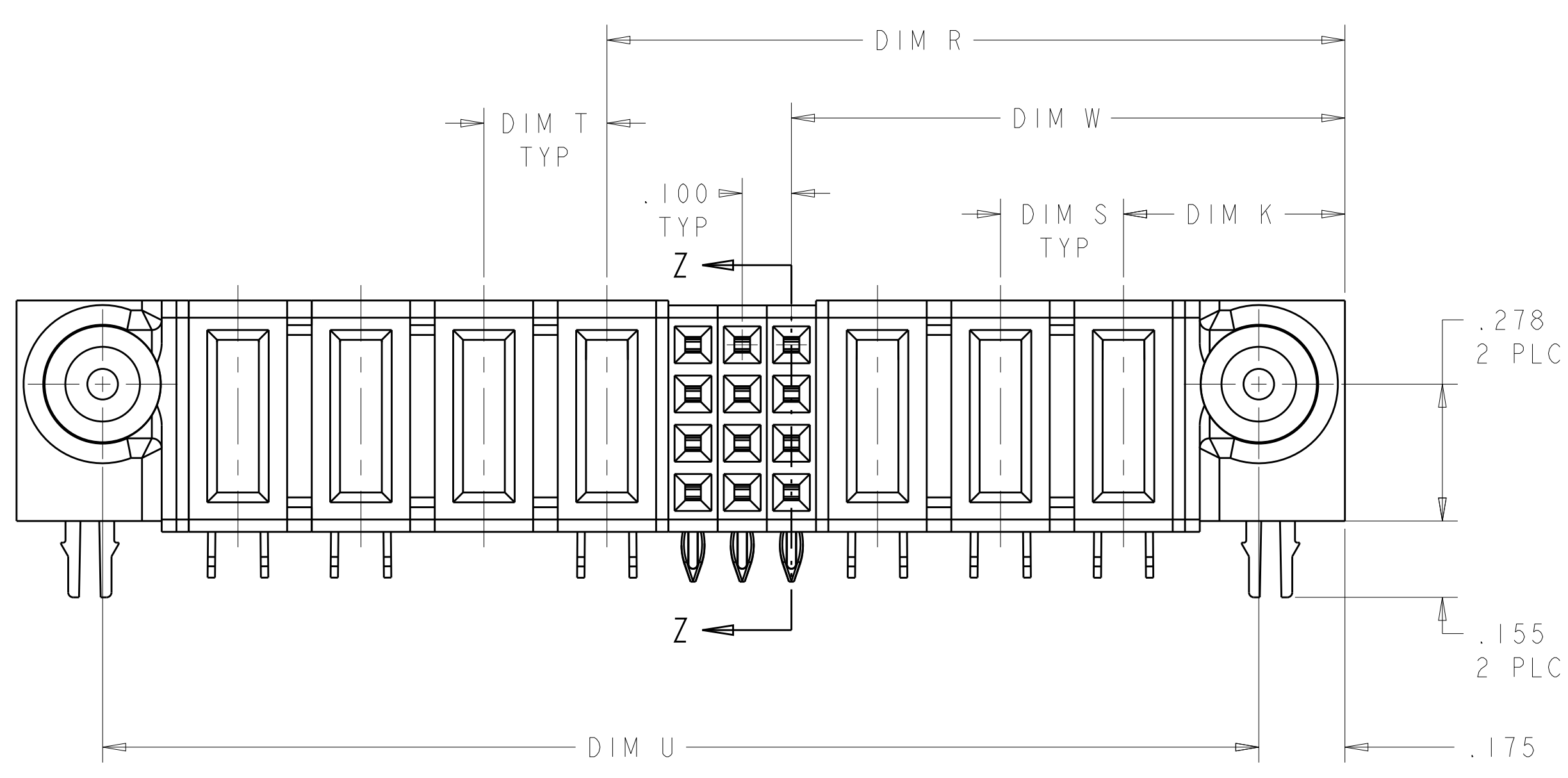
Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



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



- ① "AMP", PART NUMBER, AND DATE CODE TO BE MARKED IN AREA SHOWN
- ② MATERIAL: HOUSING - GLASS FILLED HIGH TEMP THERMO PLASTIC, UV94 V-0
 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 - .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	1-6450560-9
.150	.119	2.900	.250	.250	2.050	1.375	2.950	-	3.250	.450	4P + 24S + 4P	1-6450560-7
NO	.119	5.100	.250	.250	3.250	2.375	5.150	-	5.450	.450	8P + 32S + 8P	1-6450560-6
.150	.119	2.850	.250	.250	2.500	1.875	2.900	-	3.200	.450	6P + 20S + 2P	1-6450560-5
.150	.119	2.000	.250	.250	1.650	.925	2.050	-	2.350	.450	2P + 24S + 2P	1-6450560-3
.150	.119	1.900	.250	.250	1.550	.875	1.950	-	2.250	.450	2P + 24S + 2P	1-6450560-2
.150	.165	2.300	.200	.200	1.600	1.225	2.350	-	2.650	.450	4P + 12S + 4P	1-6450560-1
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. DWN: R. GRZYBOWSKI 09MAR05
 CHK: M. PERCHERKE 09MAR05
 APVD: M. PERCHERKE

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

MATERIAL: FINISH:

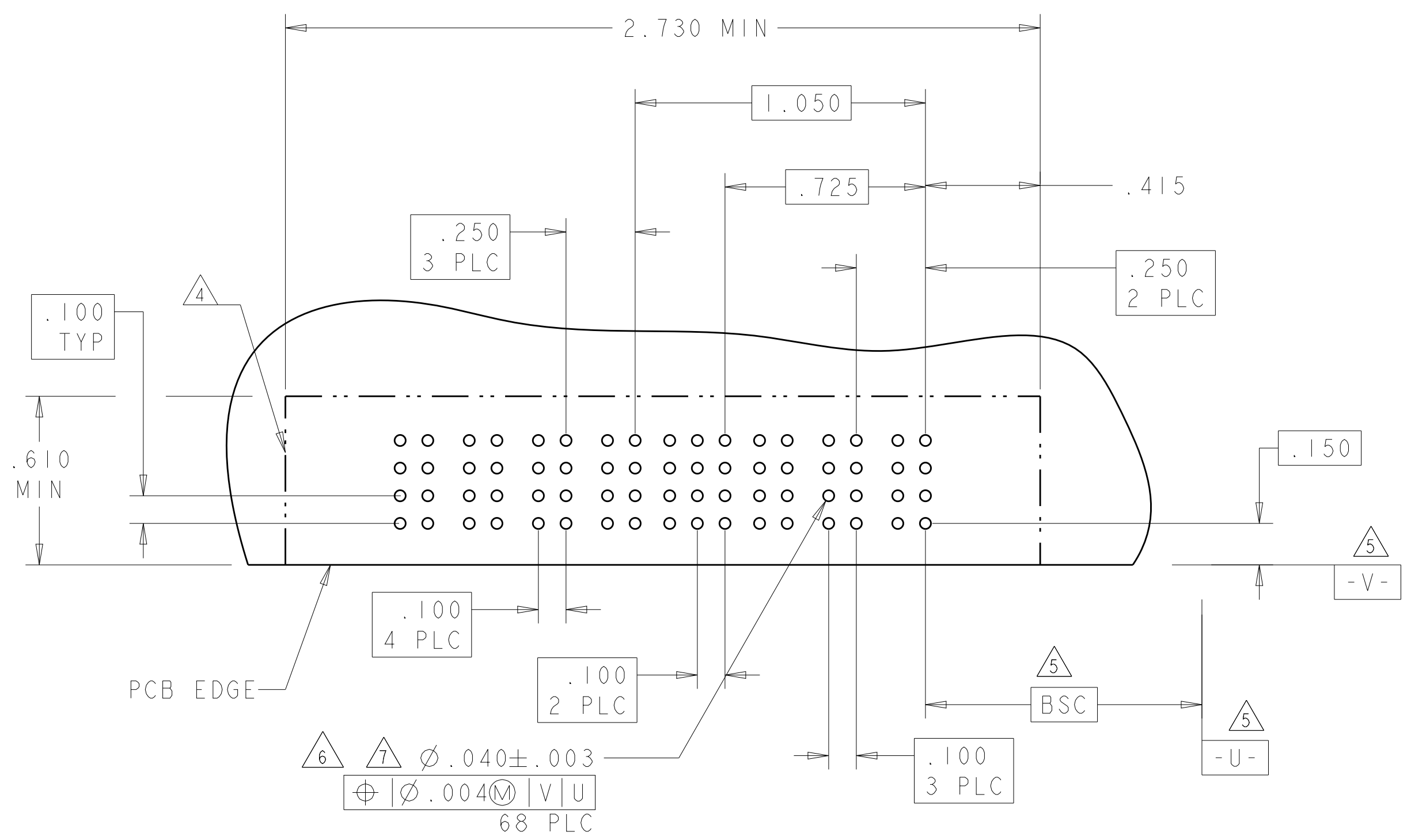
NAME: RIGHT ANGLE RECEPTACLE ASSEMBLY WITH GUIDES MULTI-BEAM XL
 PRODUCT SPEC: 108-1973
 APPLICATION SPEC: 114-13038
 SIZE: A100779
 CAGE CODE: 6450560
 DRAWING NO: 114-13038
 WEIGHT: -
 Customer Drawing

TE Connectivity
 SCALE: 4:1
 SHEET 1 OF 7
 REV: H3

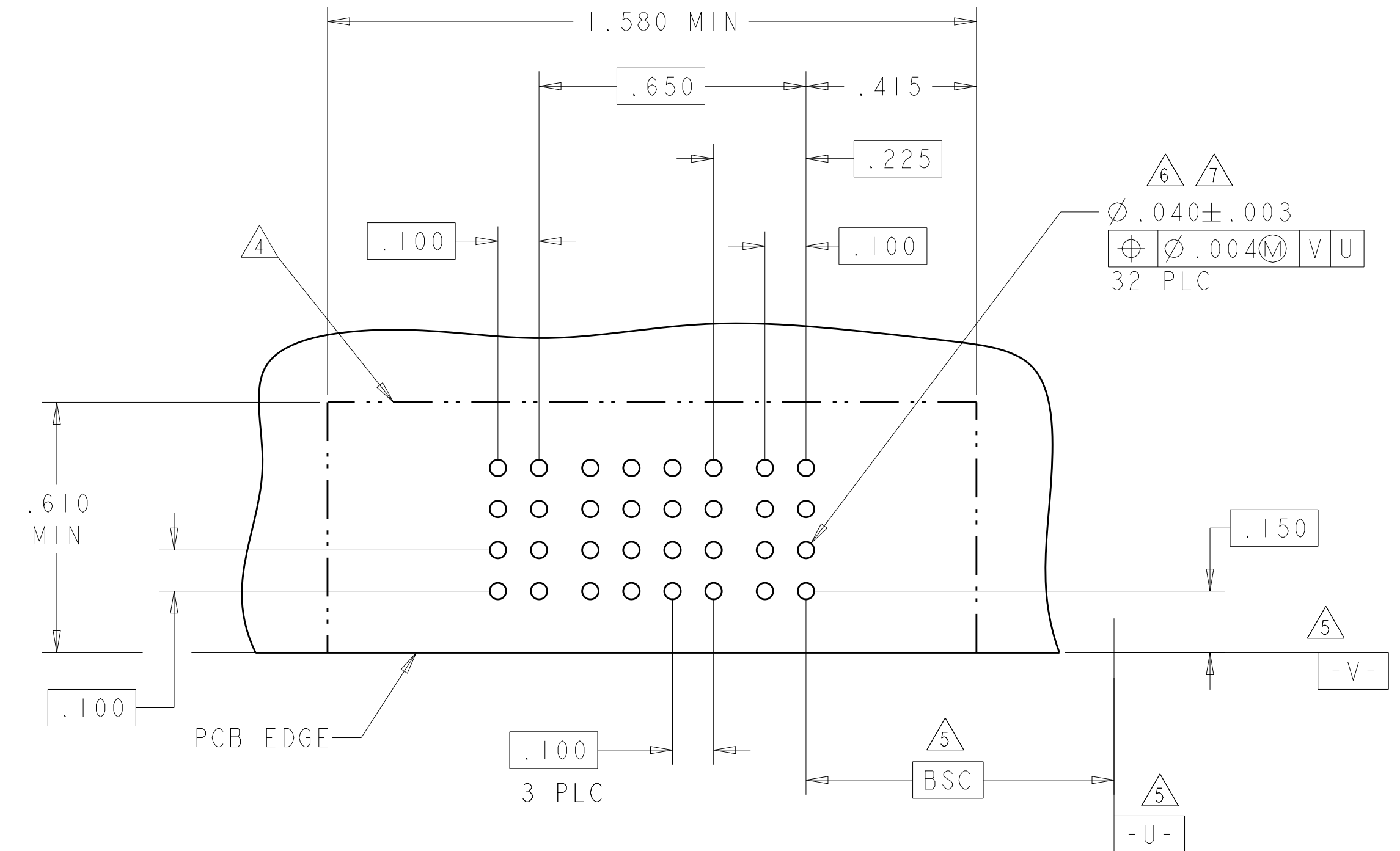
LOC	DIST	REV	DATE	BY	APPV
ES	00				

REVISIONS		
NO.	DESCRIPTION	DATE
1	SEE SHEET 1	

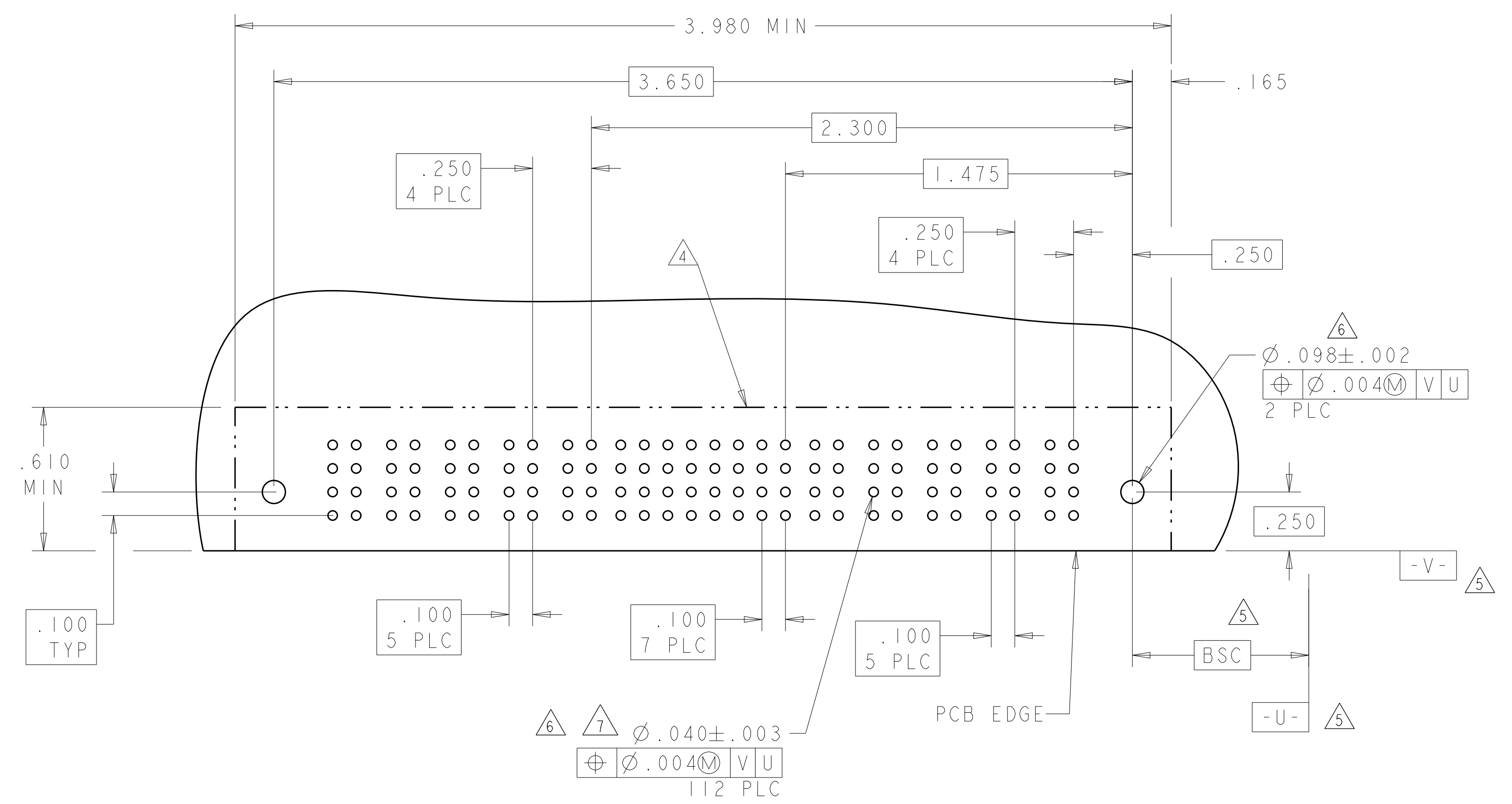
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		P7	P6	P5	P4	3	2	1	P3	P2	P1
6450560-1	D C B A	RS	RS	RP	D	D	D	RP	RS	RP	
					C	C	C				
					B	B	B				
					A	A	A				
3P + 12S + 4P											



PART NUMBER	ROWS	POWER		SIGNAL				POWER
		P2	P1	4	3	2	1	P1
6450560-3	D C B A	RP	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 C B A	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					
							B	B	B	B	B	B	B	B					
							A	A	A	A	A	A	A	A					
5P + 32S + 5P																			



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

CODE	TAIL LENGTH	ROW
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

THIS DRAWING IS A CONTROLLED DOCUMENT.

OWN: R. GRZYBOWSKI 09MAR05
 CHK: M. PERCHERKE 09MAR05
 APVD: M. PERCHERKE

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

MATERIAL: . . . FINISH: . . .

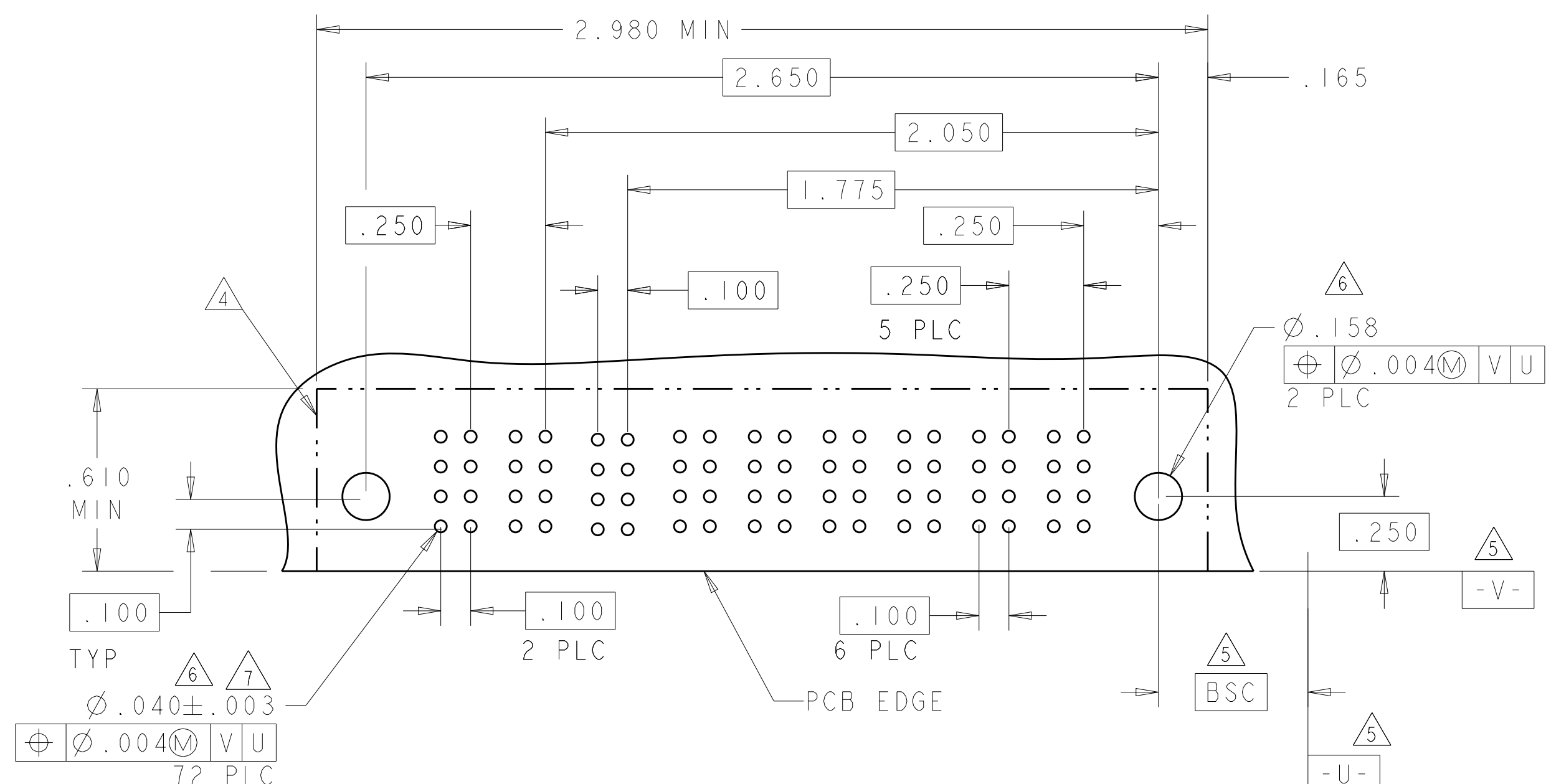
NAME: RIGHT ANGLE RECEPTACLE ASSEMBLY WITH GUIDES MULTI-BEAM XL
 PRODUCT SPEC: 108-1973
 APPLICATION SPEC: 114-13038
 WEIGHT: . . .

SIZE: A100779 C=6450560
 SCALE: 4:1 SHEET 2 OF 7 REV: H3

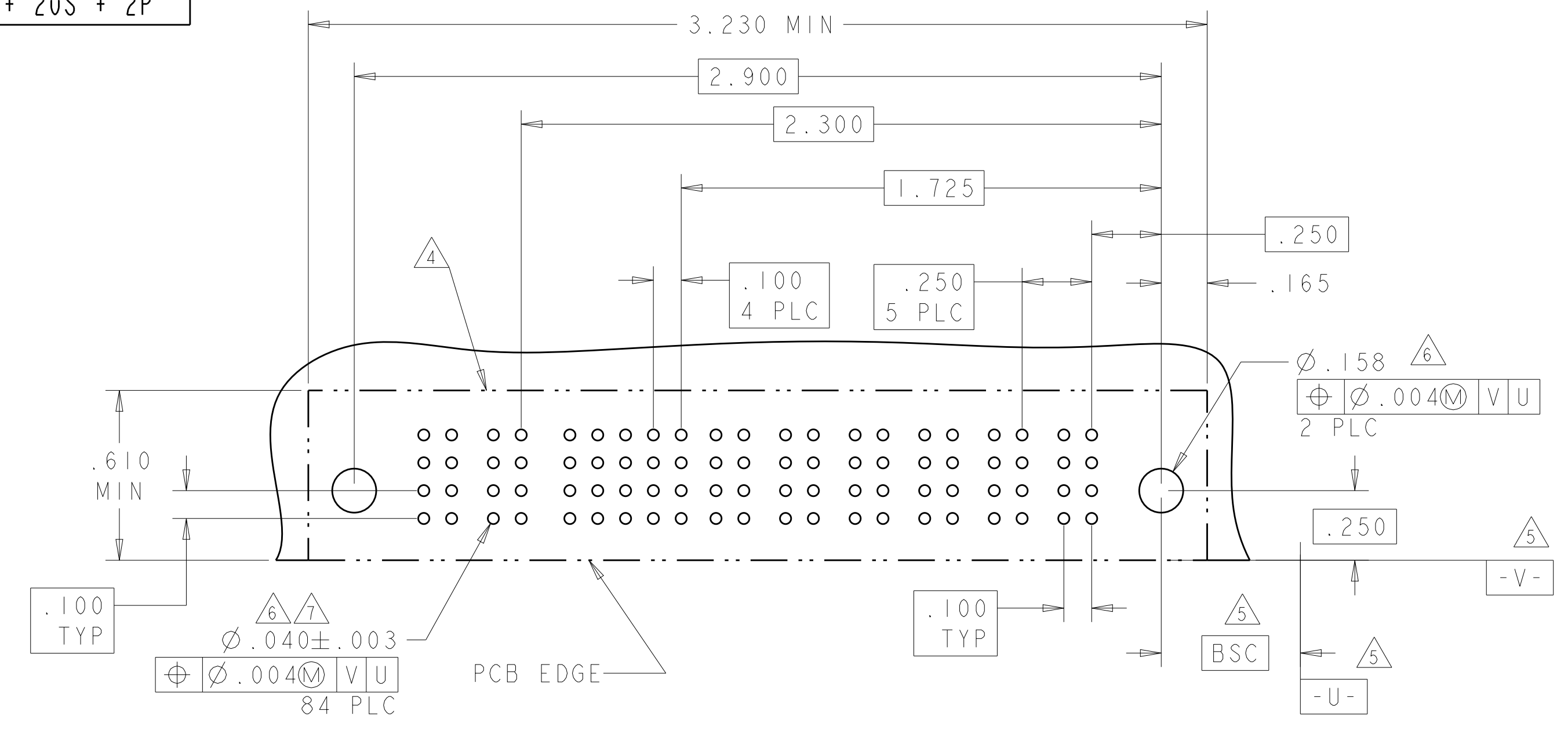
Customer Drawing

LOC		DIST		REVISONS		
P	LTN	DATE	OWN	APVD	DESCRIPTION	
-	-	-	-	-	SEE SHEET 1	

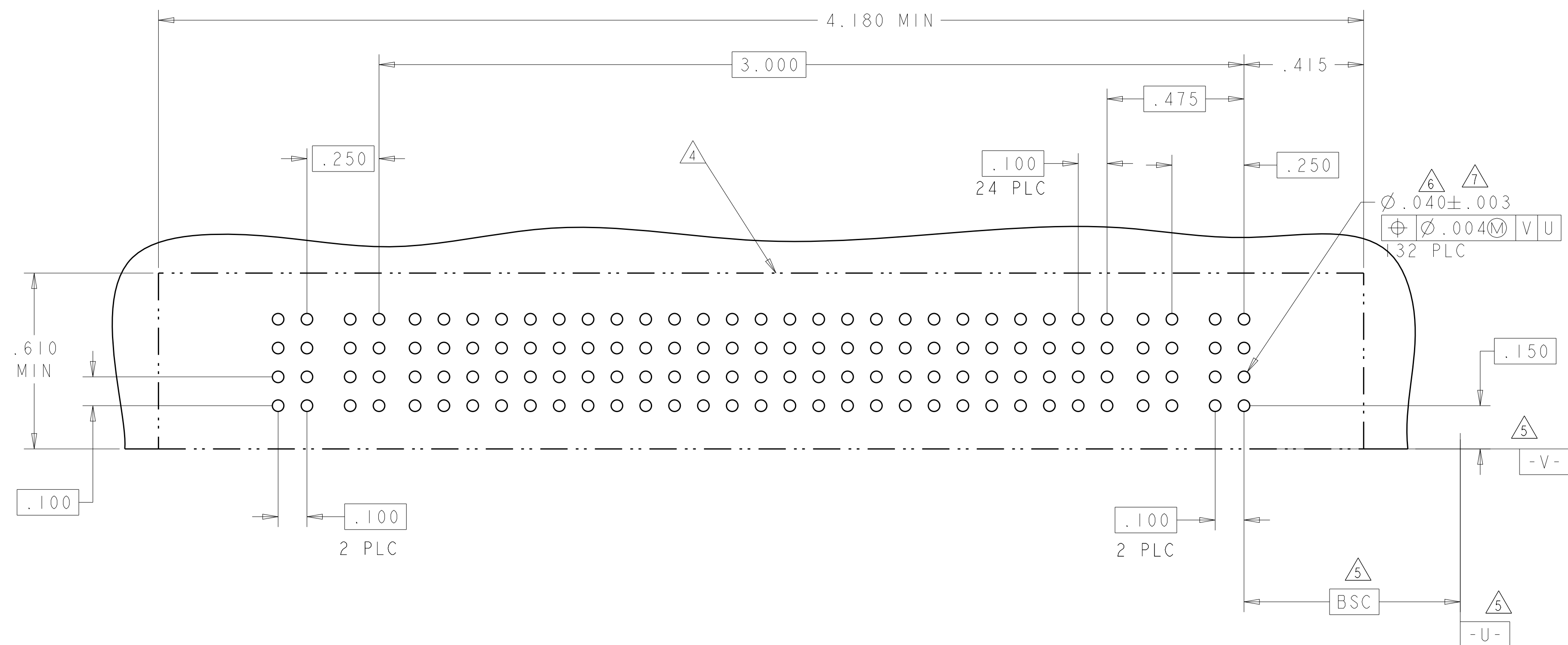
PART NUMBER	ROWS	POWER		SIGNAL						POWER				
		P8	P7	2	1	P6	P5	P4	P3	P2	P1			
6450560-6	D C B A	RP	RP	D	D	RP	RP	RP	RP	RP	RP	RP	RP	RP
				C	C									
				B	B									
				A	A									
6P + 8S + 2P														



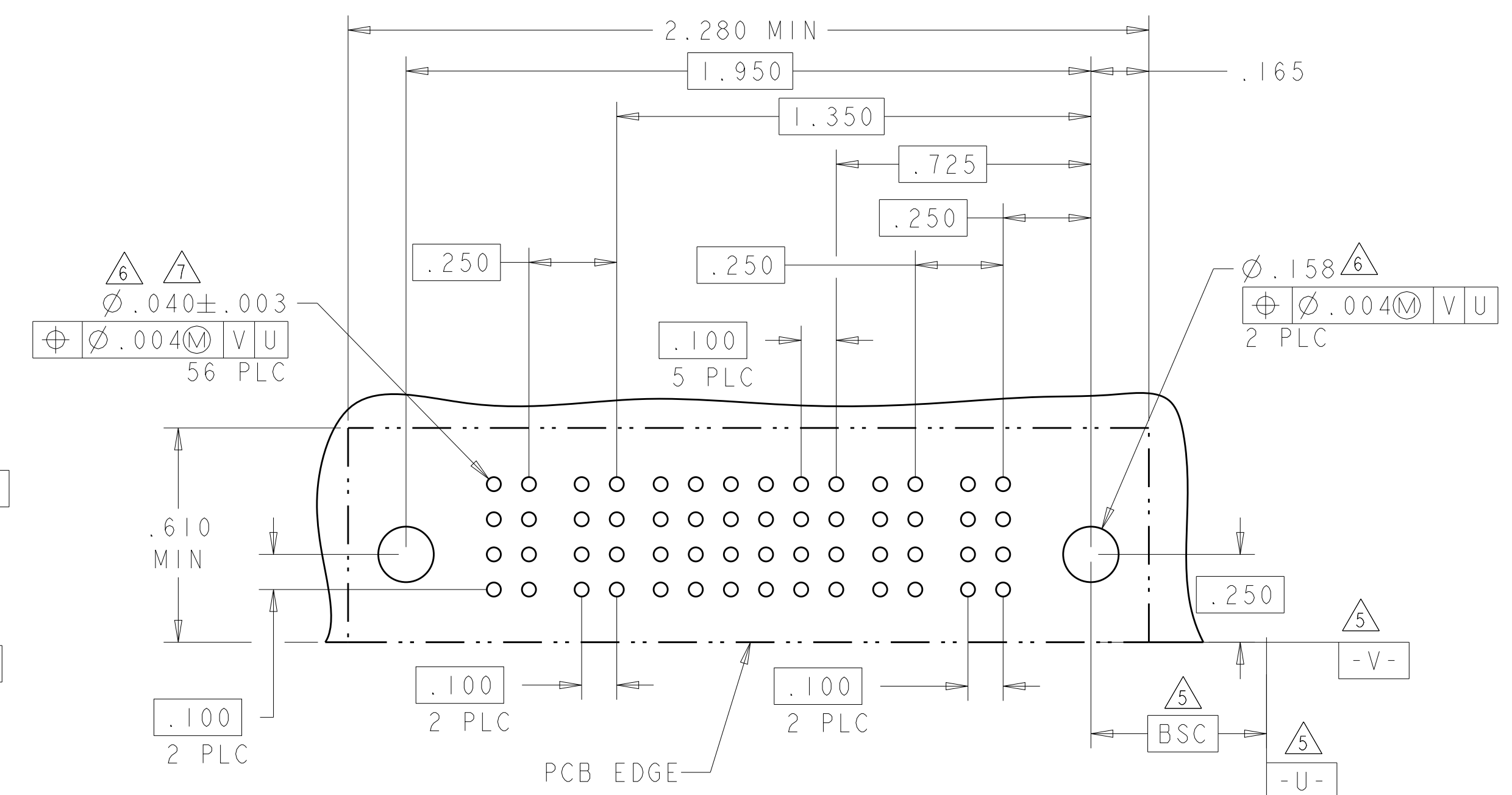
PART NUMBER	ROWS	POWER		SIGNAL					POWER					
		P8	P7	5	4	3	2	1	P6	P5	P4	P3	P2	P1
1-6450560-5	D C B A	RP	RP	D	D	D	D	D	RP	RP	RP	RP	RP	RP
				C	C	C	C	C						
				B	B	B	B	B						
				A	A	A	A	A						
6P + 20S + 2P														



PART NUMBER	ROWS	POWER		SIGNAL																POWER															
		P4	P3	25	24	23	22	21	20	19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	P2	P1					
6450560-8	D C B A	RL	RL	DD	DD	DD	DD	DD	DD	DD	DD	DD	DD	DD	DD	DD	DD	DD	DD	DD	DD	DD	DD	DD	DD	DD	DD	DD	DD	DD	DD	DD			
				CC	CC	CC	CC	CC	CC	CC	CC	CC	CC	CC	CC	CC	CC	CC	CC	CC	CC	CC	CC	CC	CC	CC	CC	CC	CC	CC	CC	CC	CC	CC	
				BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB
				AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA
2P + 100S + 2P																																			



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



THIS DRAWING IS A CONTROLLED DOCUMENT.

OWN: B. GRZYBOWSKI 09MAR05
CHK: M. PERCHERKE 09MAR05
APVD: M. PERCHERKE

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

NAME: RIGHT ANGLE RECEPTACLE ASSEMBLY WITH GUIDES MULTI-BEAM XL
SIZE: A100779
CAGE CODE: 6450560
Customer Drawing

TE Connectivity

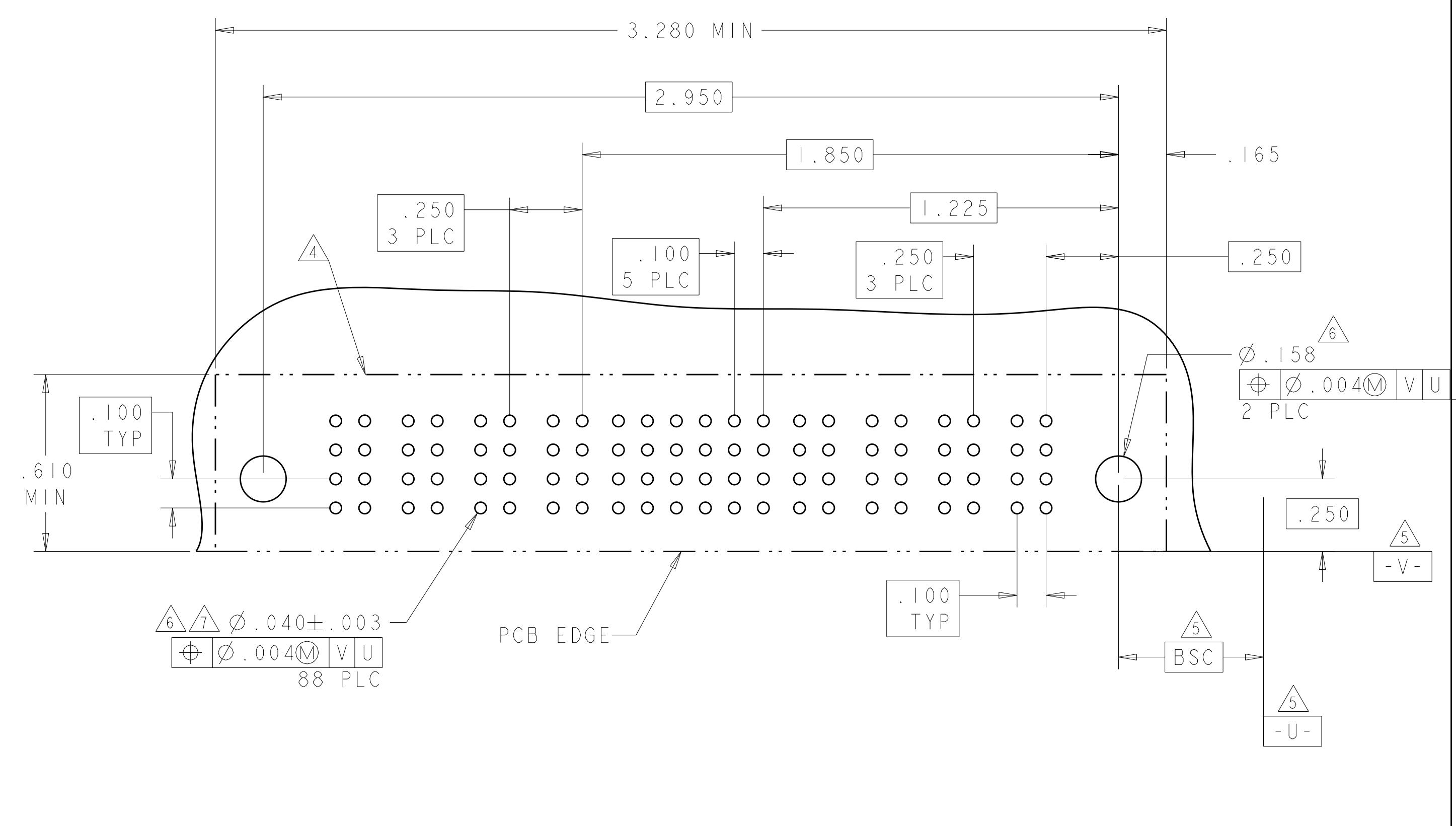
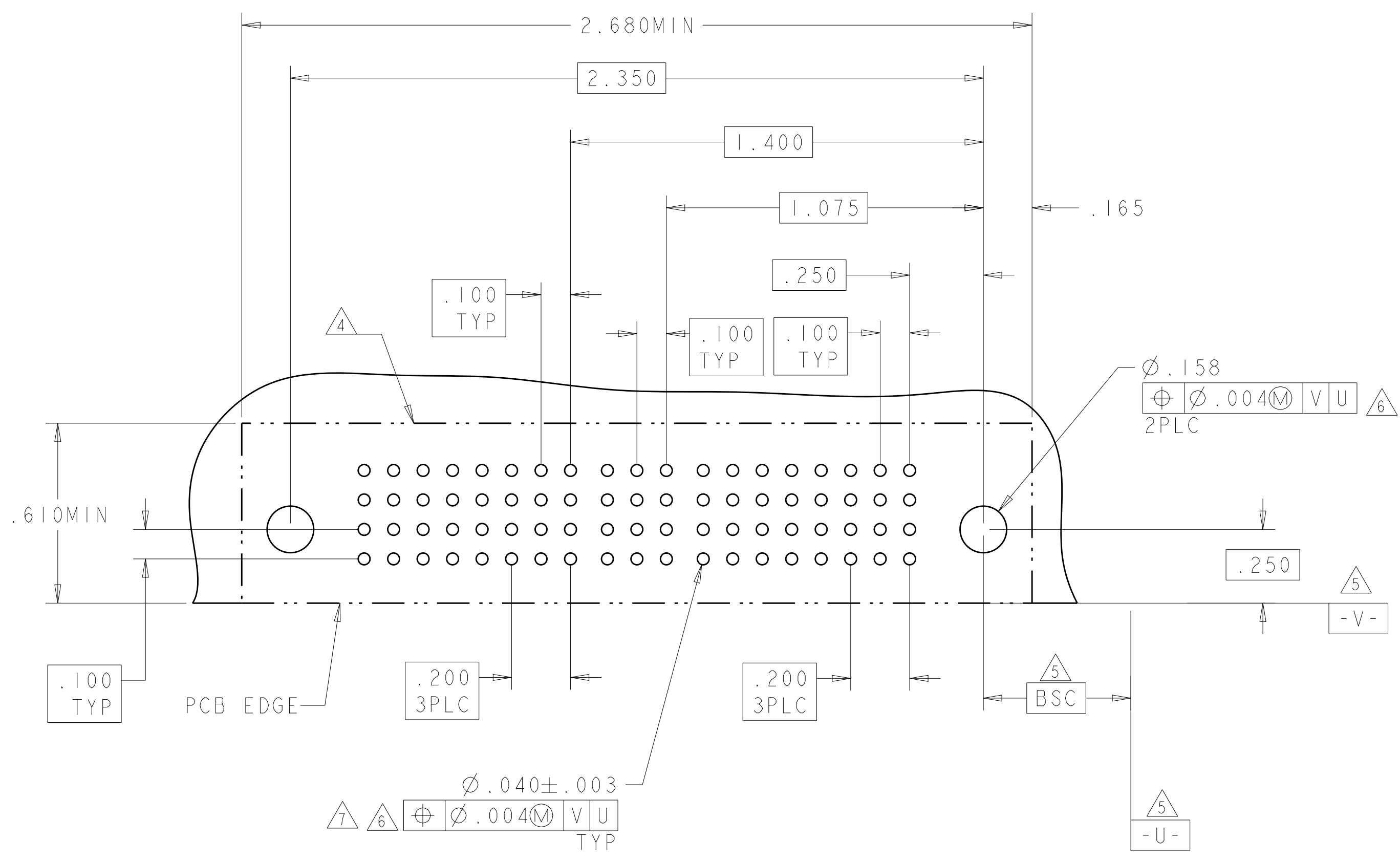
RESTRICTED TO

SCALE: 4:1 SHEET 3 OF 7 REV: H3

LOC	DIST	REV	DATE	BY	APPV
ES	00				
REVISIONS					
DESCRIPTION					
SEE SHEET 1					

PART NUMBER	ROWS	POWER				SIGNAL			POWER			
		P8	P7	P6	P5	3	2	1	P4	P3	P2	P1
I-6450560-1	D C B A	RL	RL	RL	RL	DD	DD	DD	RL	RL	RL	RL
						CC	CC	CC				
						BB	BB	BB				
						AA	AA	AA				
4P + 12S + 4P												

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



THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: INCHES 	TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±. 1 PLC ±.01 2 PLC ±.005 3 PLC ±.005 4 PLC ±.0020 ANGLES ±.0020	DWN: R. GRZYBOWSKI 09MAR05 CHK: M. PERCHERKE 09MAR05 APVD: M. PERCHERKE NAME: RIGHT ANGLE RECEPTACLE ASSEMBLY WITH GUIDES MULTI-BEAM XL PRODUCT SPEC: 108-1973 APPLICATION SPEC: 114-13038 WEIGHT: - SCALE: 4:1	SIZE: A1 CAGE CODE: 6450560 SHEET: 4 OF 7 REV: H3
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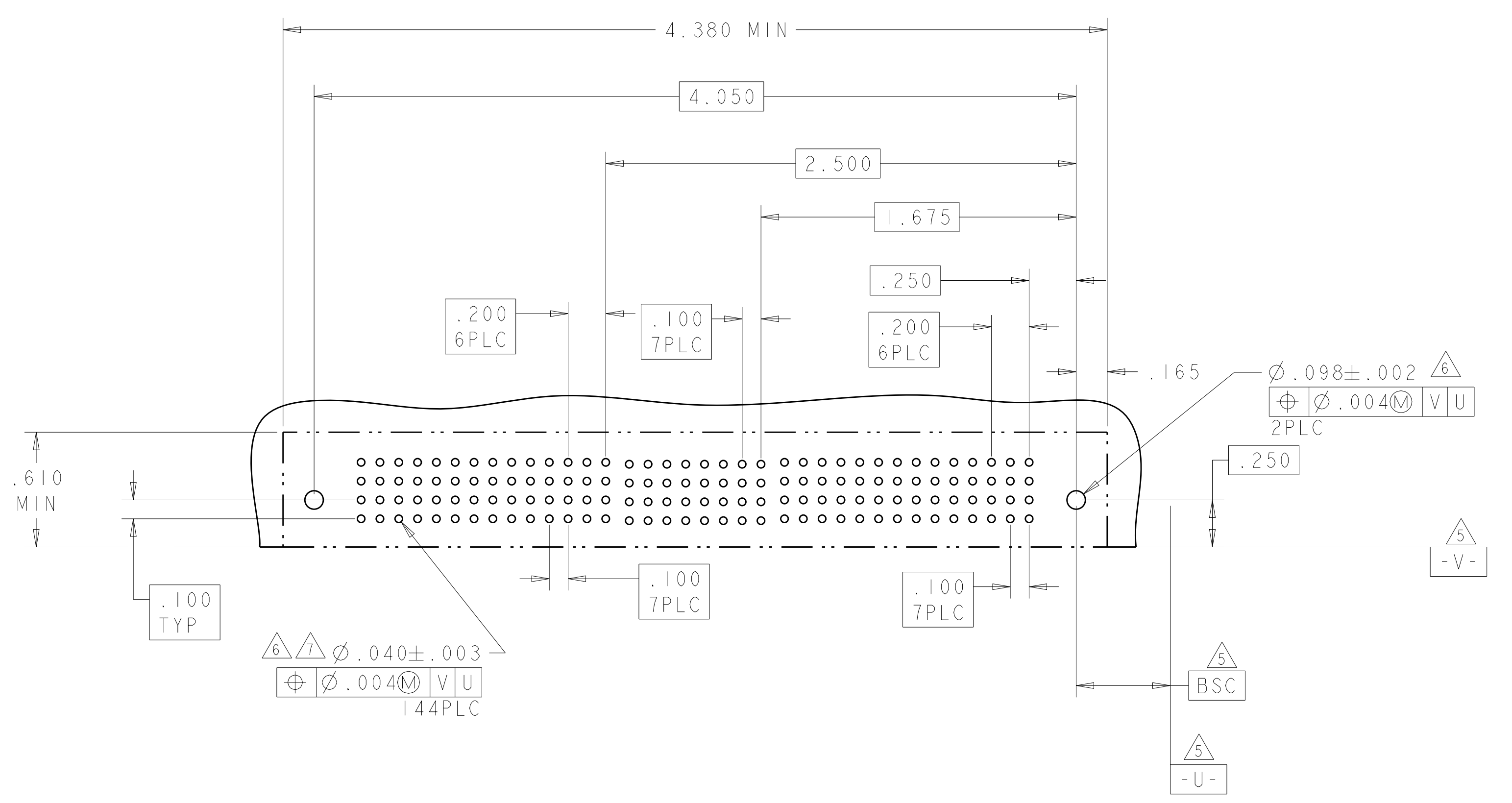
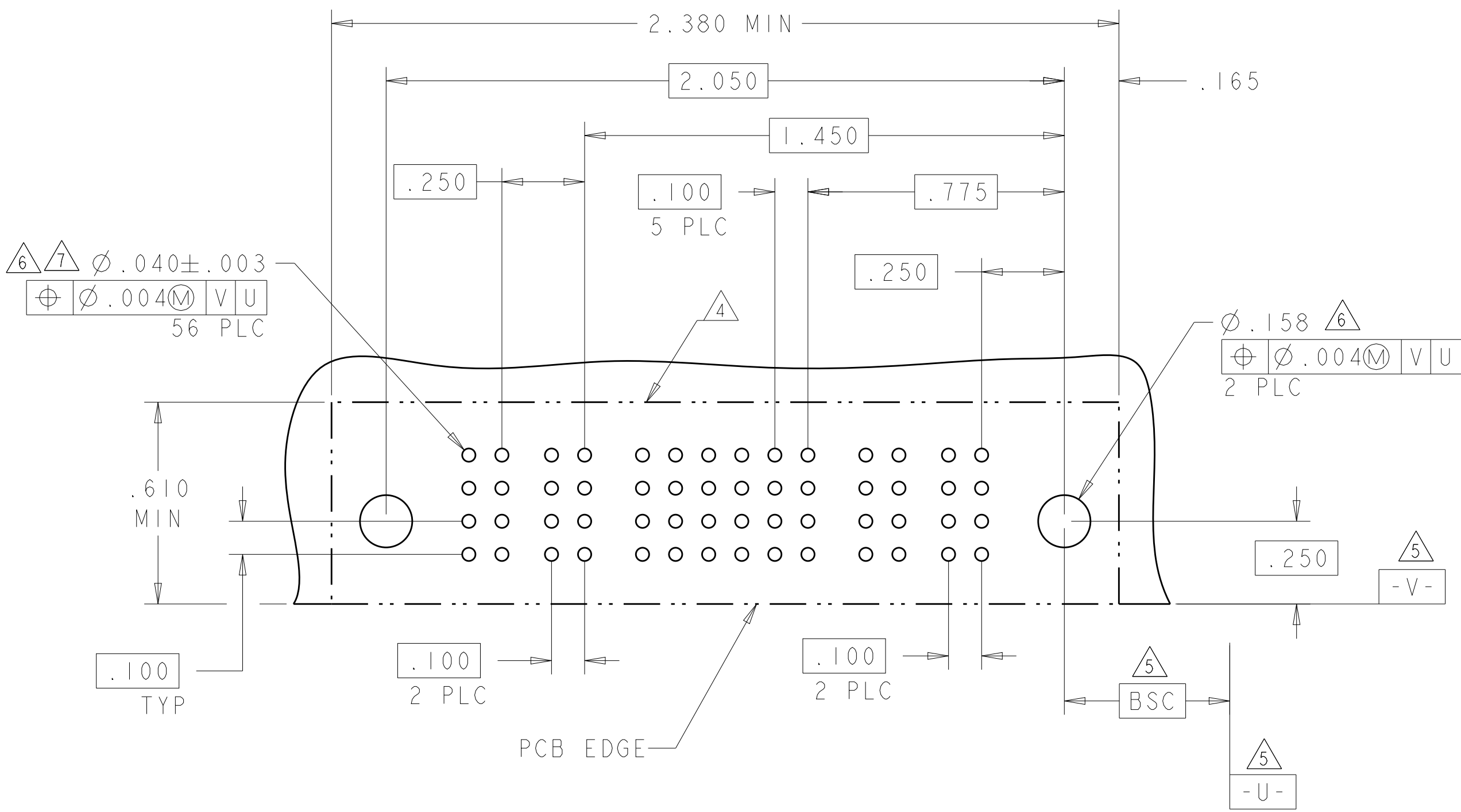
Customer Drawing

LOC	DIST	REV	DATE	BY	APPV
ES	00				

REVISIONS			
NO.	DESCRIPTION	DATE	BY
-	SEE SHEET 1	-	-

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

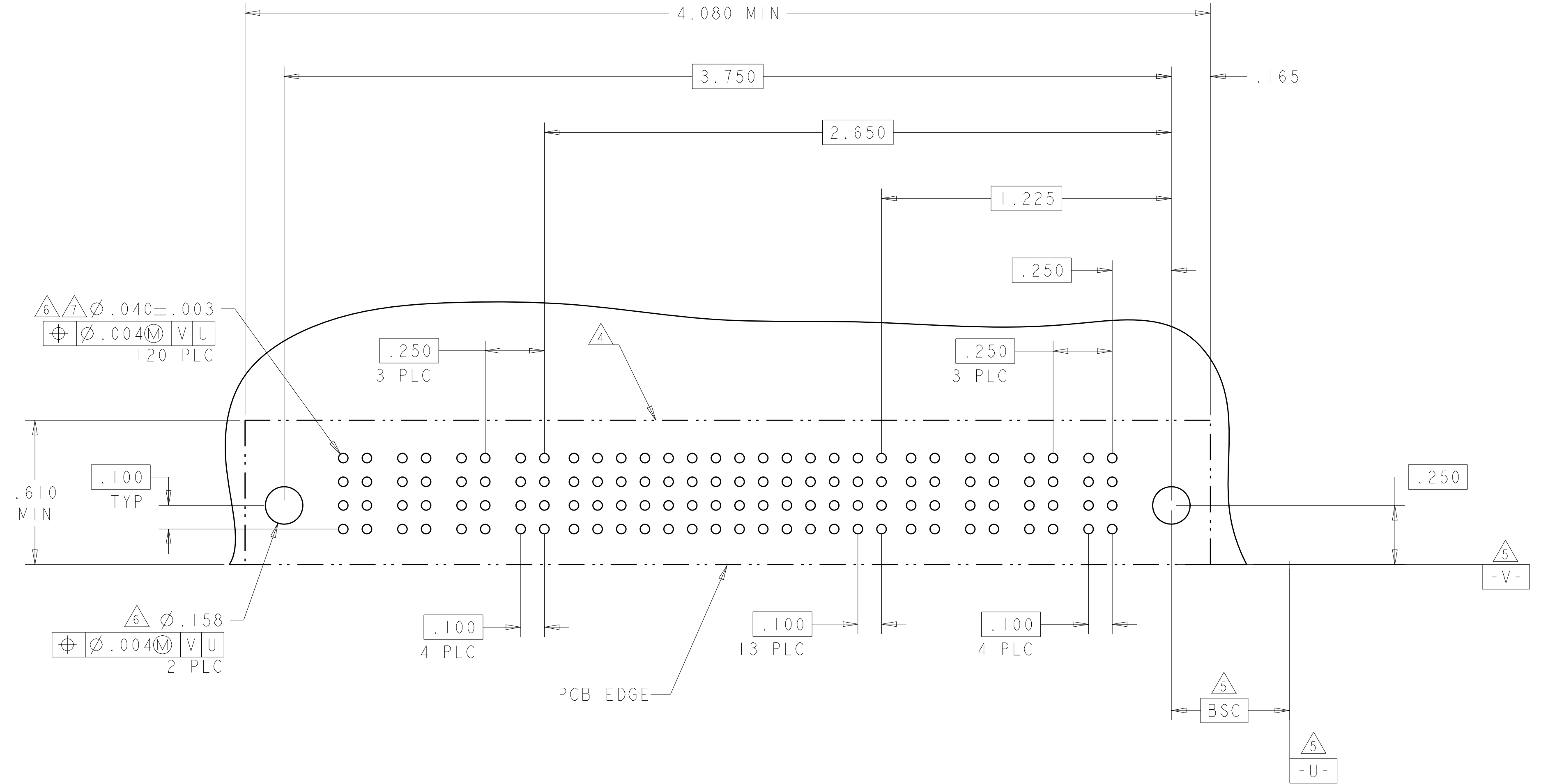
PART NUMBER	ROWS	POWER							SIGNAL								POWER								
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6450560-4	D C B A	RK	RK	RK	RK	RK	RK	RK	DD	DD	DD	DD	DD	DD	DD	RK	RK	RK	RK	RK	RK	RK	RK		
									CC	CC	CC	CC	CC	CC	CC									CC	
									BB	BB	BB	BB	BB	BB	BB									BB	
7HDP + 32S + 7HDP																									



THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:	TOLERANCES UNLESS OTHERWISE SPECIFIED:	OWN: R. GRZYBOWSKI 09MAR05	CHK: M. PERCHERKE 09MAR05		TE Connectivity
INCHES	0 PLC ± .01 1 PLC ± .01 2 PLC ± .01 3 PLC ± .005 4 PLC ± .002	APVD: M. PERCHERKE	NAME: RIGHT ANGLE RECEPTACLE ASSEMBLY WITH GUIDES MULTI-BEAM XL		
MATERIAL:	FINISH:	PRODUCT SPEC: 108-1973	APPLICATION SPEC: 114-13038	SIZE: A1	CAGE CODE: 6450560
		WEIGHT:	Customer Drawing	SCALE: 4:1	SHEET 5 OF 7

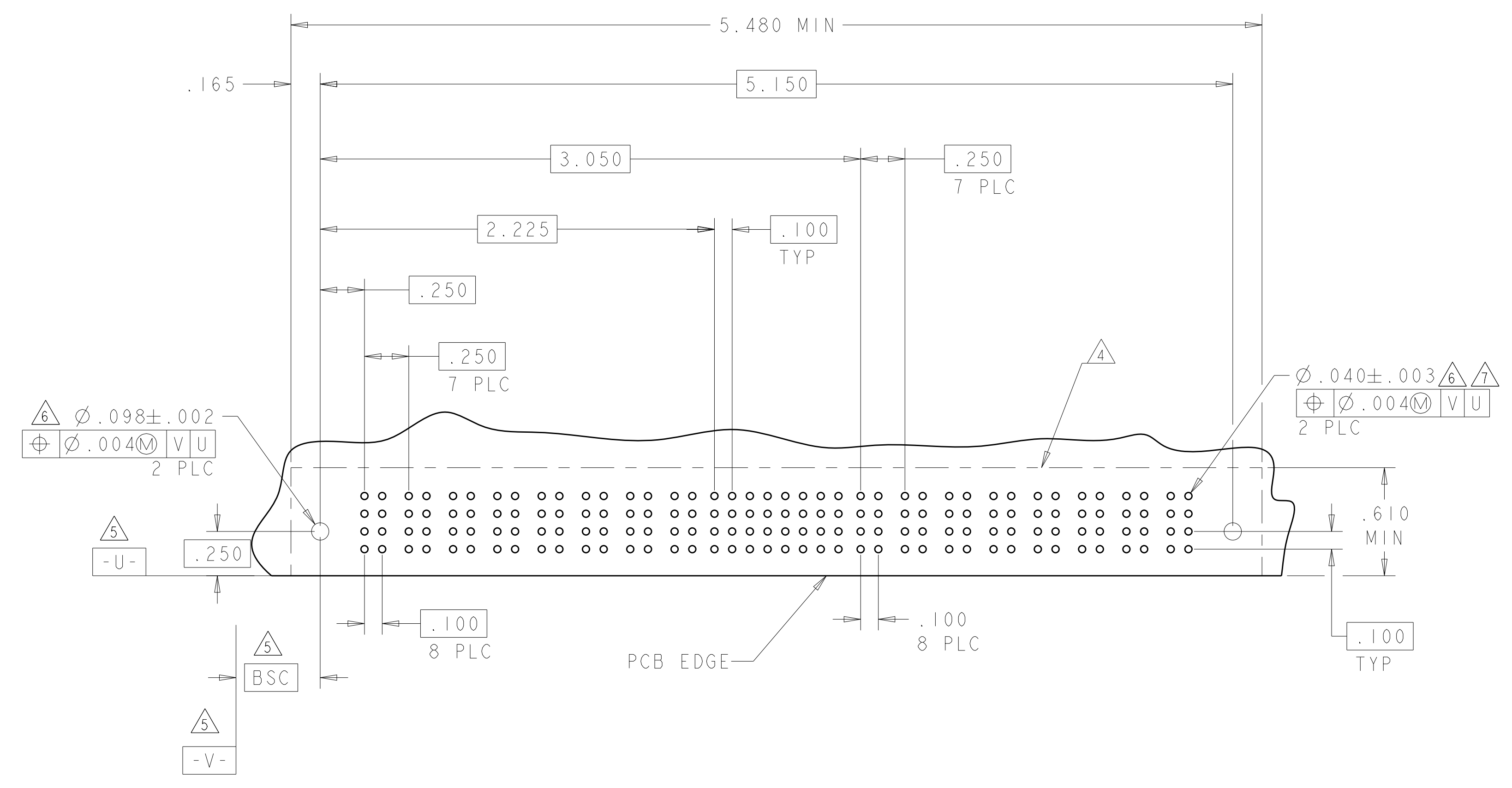
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1-6450560-9	D	RS	RS	RS	RS	D	D	D	D	D	D	D	D	D	D	D	D	D	D	RS	RS	RS	RS			
	C					C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	RS	RS	RS	RS	
	B					B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	RS	RS	RS	RS
	A					A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	RS	RS	RS	RS
4P + 56S + 4P																										



THIS DRAWING IS A CONTROLLED DOCUMENT.		DMN R. GRZYBOWSKI 09MAR05		TE Connectivity	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		CHK M. PERCHERKE 09MAR05			
DIMENSIONS: INCHES	0 PLC ± .01	1 PLC ± .01	2 PLC ± .01	3 PLC ± .005	4 PLC ± .002
	ANGLES	FINISH		MATERIAL	WEIGHT
	APPLIC	SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
Customer Drawing		A100779	C=6450560		SCALE 4:1 SHEET 6 OF 7 REV H3

LOC	DIST	REVISIONS					
		P	LTN	DESCRIPTION	DATE	DMN	APVD
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								
										B	B	B	B	B	B	B	B								
								A	A	A	A	A	A	A	A										
8P + 32S + 8P		HD		HD		HD		HD		HD		HD		HD		HD		HD		HD		HD		HD	



THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN: R. GRZYBOWSKI 09MAR05	TE Connectivity
DIMENSIONS: INCHES		CHK: M. PERCHERKE 09MAR05	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD: M. PERCHERKE	NAME: RIGHT ANGLE RECEPTACLE ASSEMBLY WITH GUIDES MULTI-BEAM XL
0 PLC ±.01		PRODUCT SPEC	SIZE: 108-1973
1 PLC ±.01		APPLICATION SPEC	RESTRICTED TO: A100779C=6450560
2 PLC ±.005		FINISH	SCALE: 4:1
3 PLC ±.0020		WEIGHT	SHEET 7 OF 7
ANGLES ±.0020		Customer Drawing	REV: H3