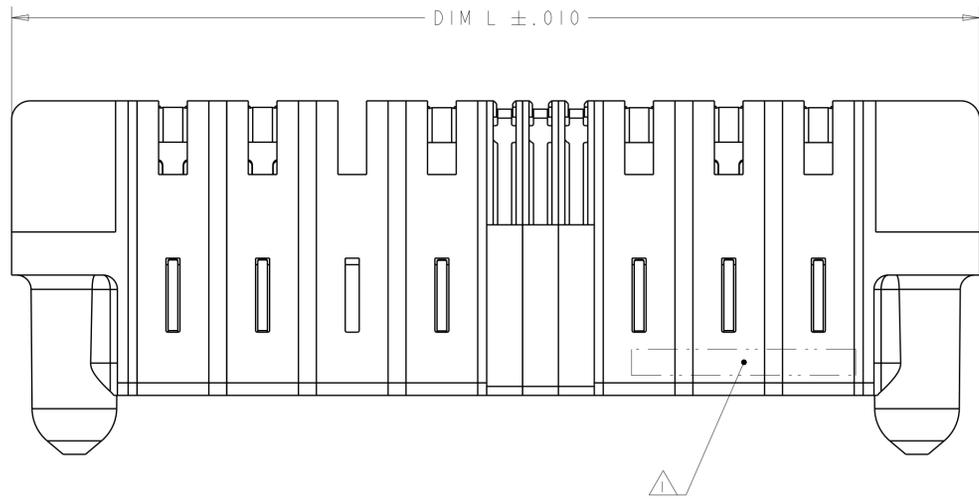
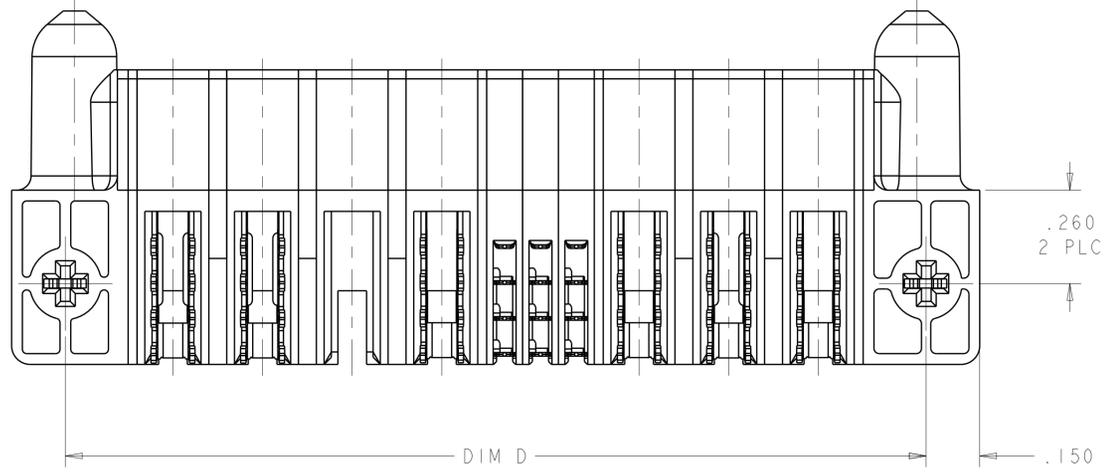
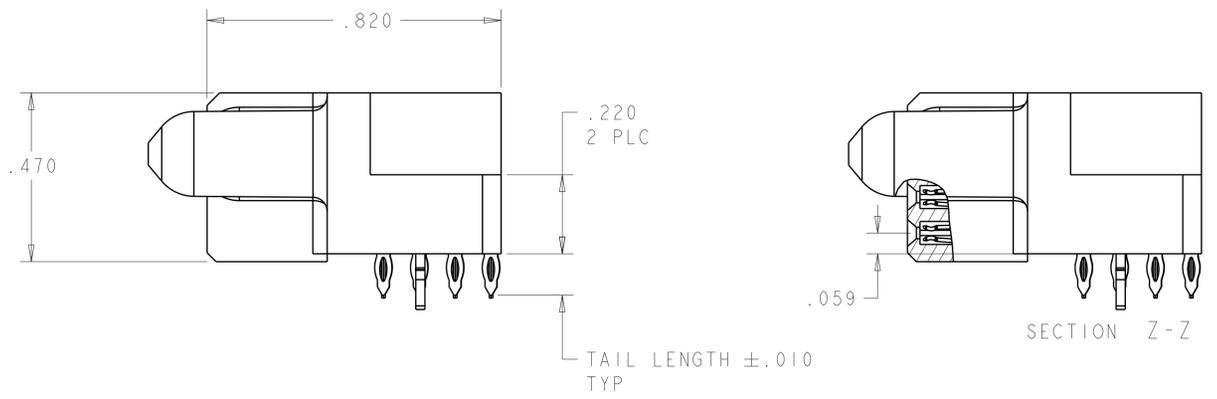
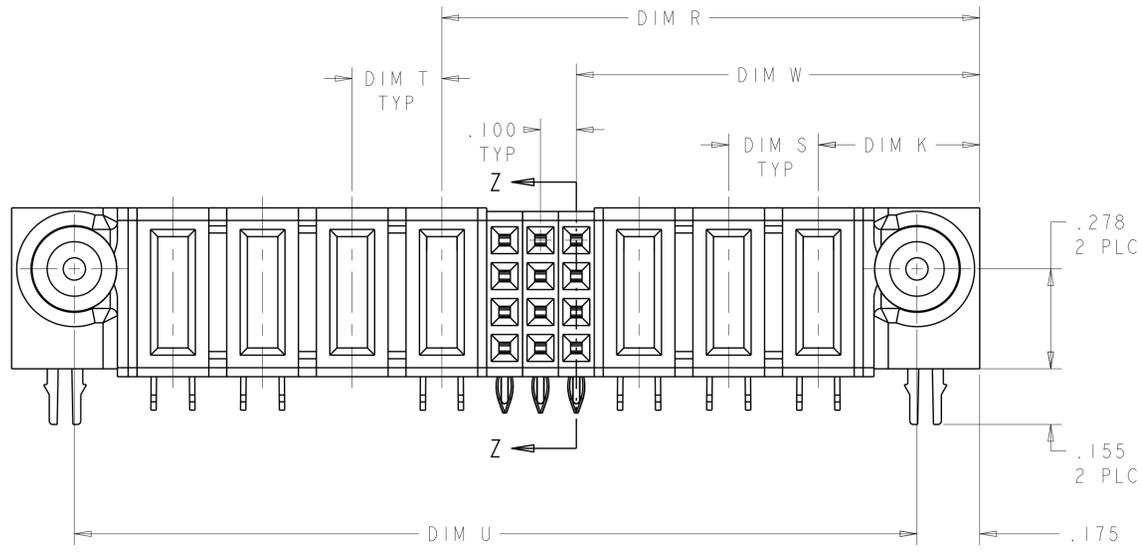


LOC		DIST		REVISIONS			
ES	00	P	LTN	DESCRIPTION	DATE	DMN	APVD
		H2		REV PER ECR-12-010534	11JUN2012	CZ	SZ
		H3		REV PER ECR-13-004638	20MAR2013	ML	SZ



- 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



①	U	T	S	R	W	D	M	L	K	DESCRIPTION	PART NUMBER		
	.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													

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 ±.002
 ANGLES ±.2°

MATERIAL: FINISH: ② ③

Customer Drawing

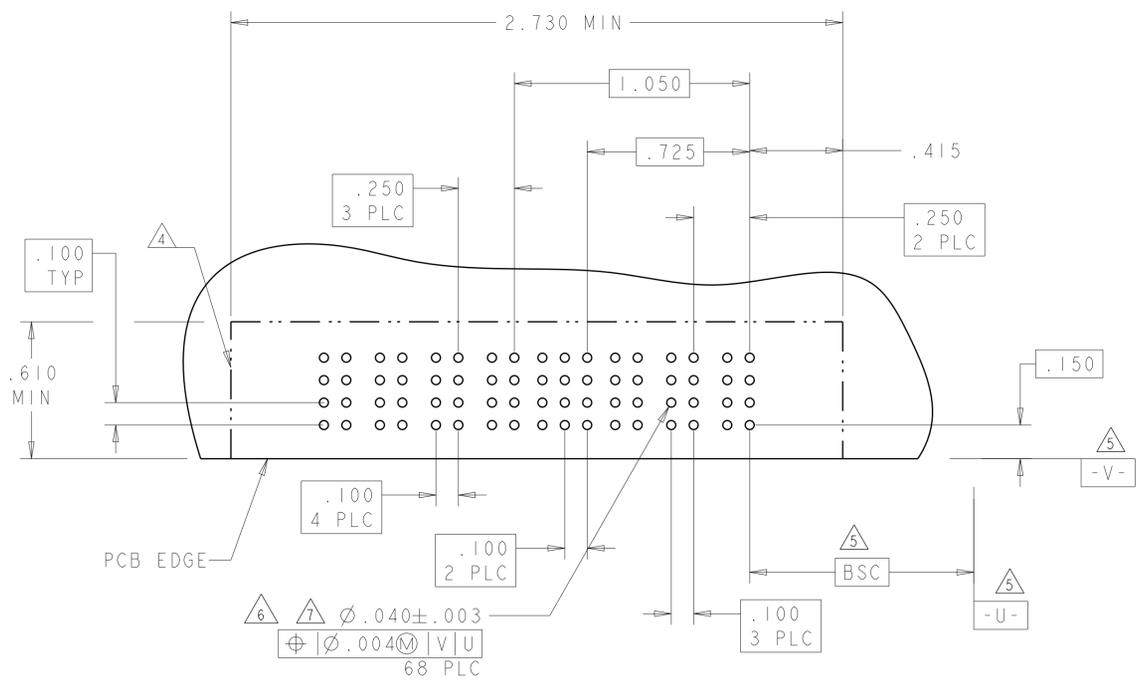
NAME: RIGHT ANGLE RECEPTACLE ASSEMBLY WITH GUIDES MULTI-BEAM XL
 PRODUCT SPEC: 108-1973
 APPLICATION SPEC: 114-13038

SIZE: A1 00779 C=6450560
 SCALE: 4:1 SHEET 1 OF 7 REV: H3

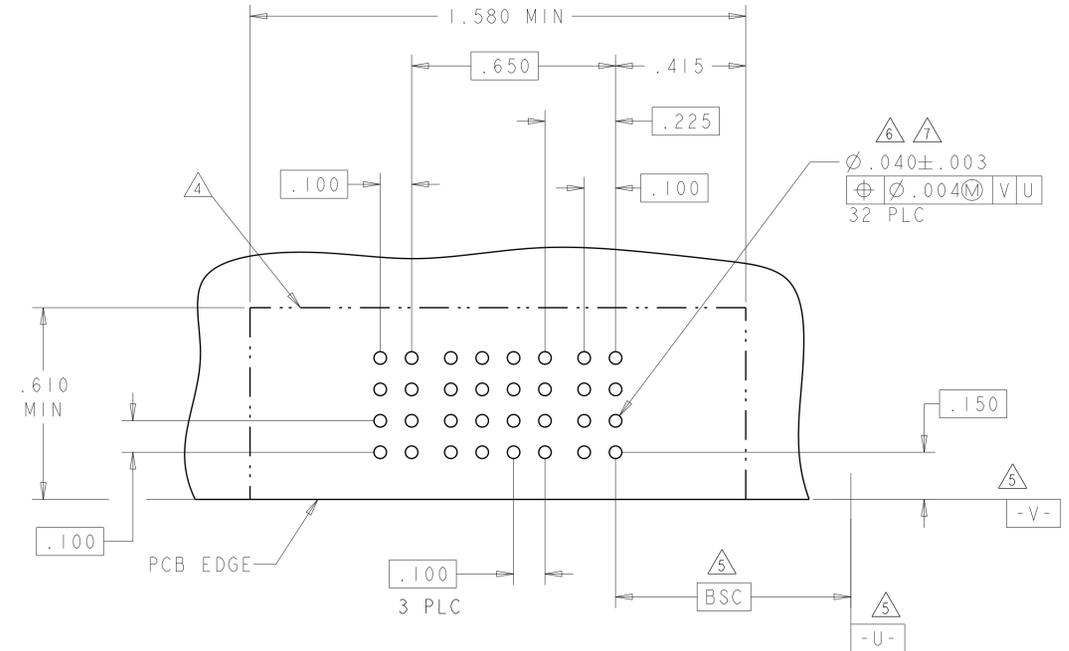
LOC	DIST	REV	DATE	BY	APPV
ES	00				

REVISIONS		DATE	BY	APPV
1	SEE SHEET 1			

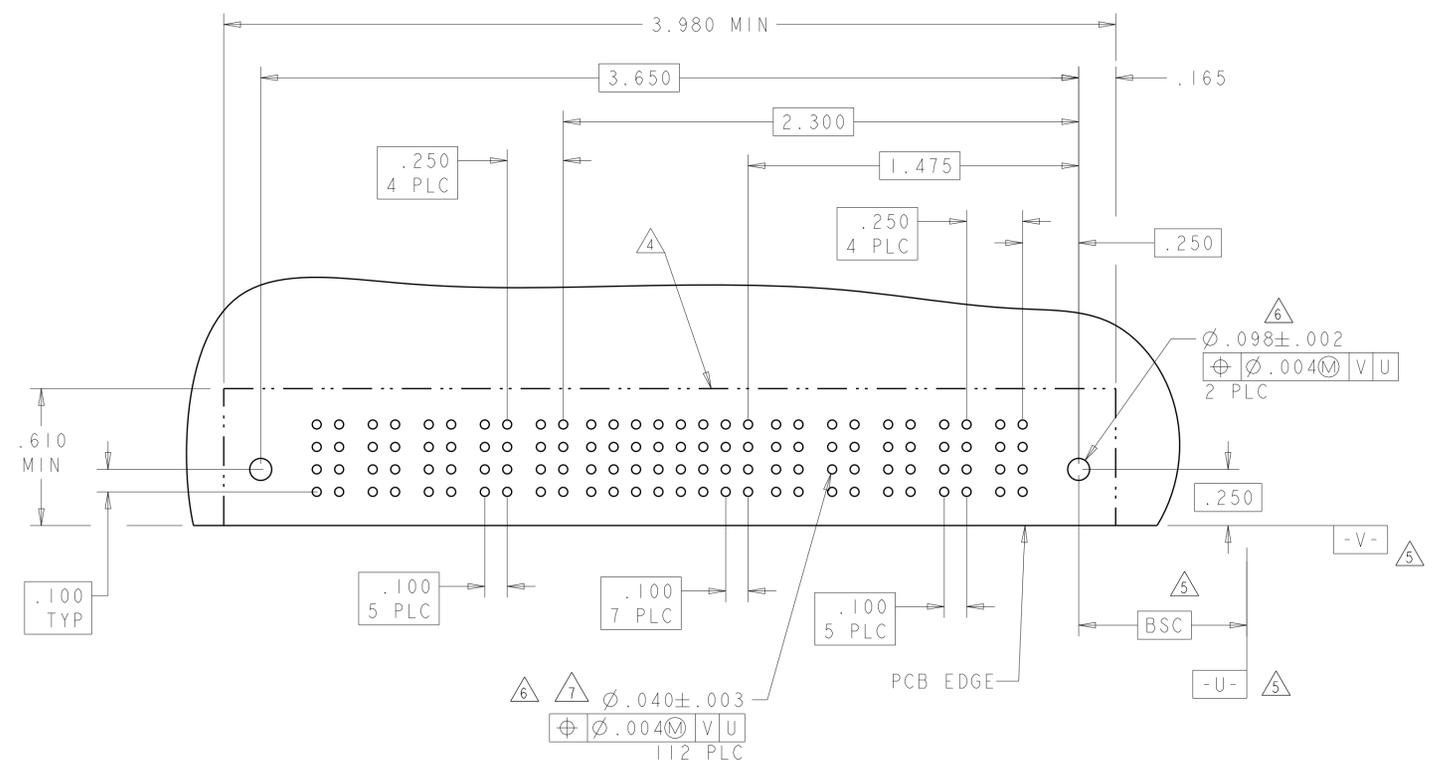
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		P7	P6	P5	P4	3	2	1	P3	P2	P1
6450560-1	D C B A	RS	RS		RP	D	D	D	RP	RS	RP
						C	C	C			
						B	B	B			
						A	A	A			
3P + 12S + 4P											



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

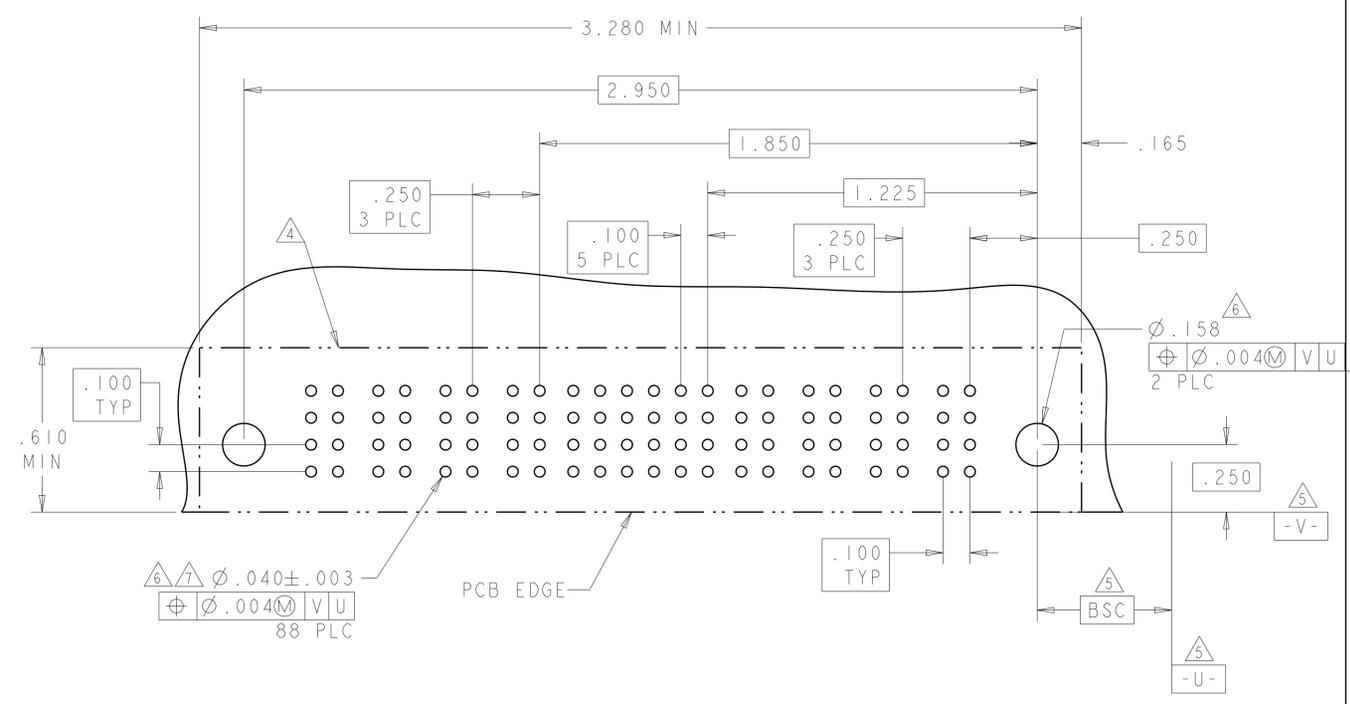
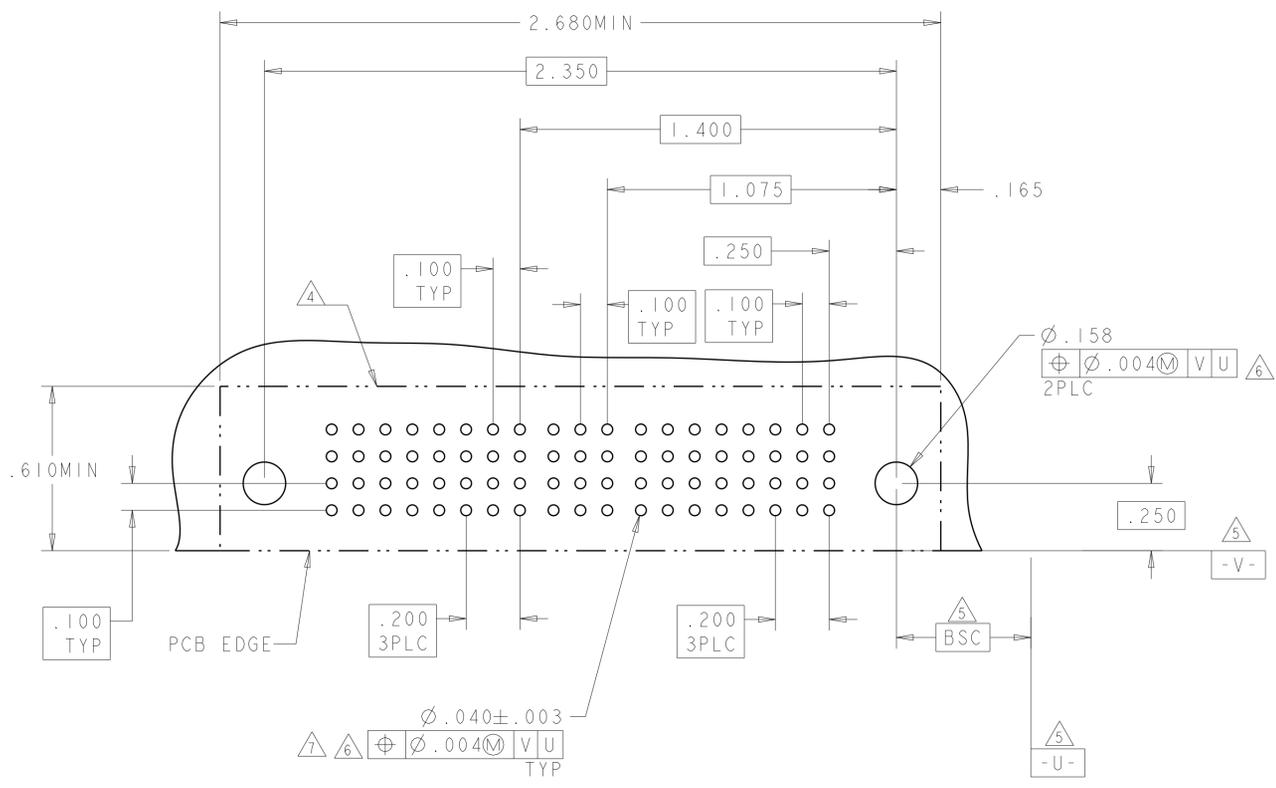
THIS DRAWING IS A CONTROLLED DOCUMENT. OWN: R. GRZYBOWSKI, 09MAR05. CHK: M. PERCHERKE, 09MAR05. APVD: M. PERCHERKE. NAME: RIGHT ANGLE RECEPTACLE ASSEMBLY WITH GUIDES MULTI-BEAM XL. PRODUCT SPEC: 108-1973. APPLICATION SPEC: 114-13038. WEIGHT: -. SCALE: 4:1. SHEET: 2 OF 7. REV: H3.

STE TE Connectivity

LOC		DIST		REVISONS			
ES	00	P	LTN	DESCRIPTION	DATE	DWN	APVD
		-		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															



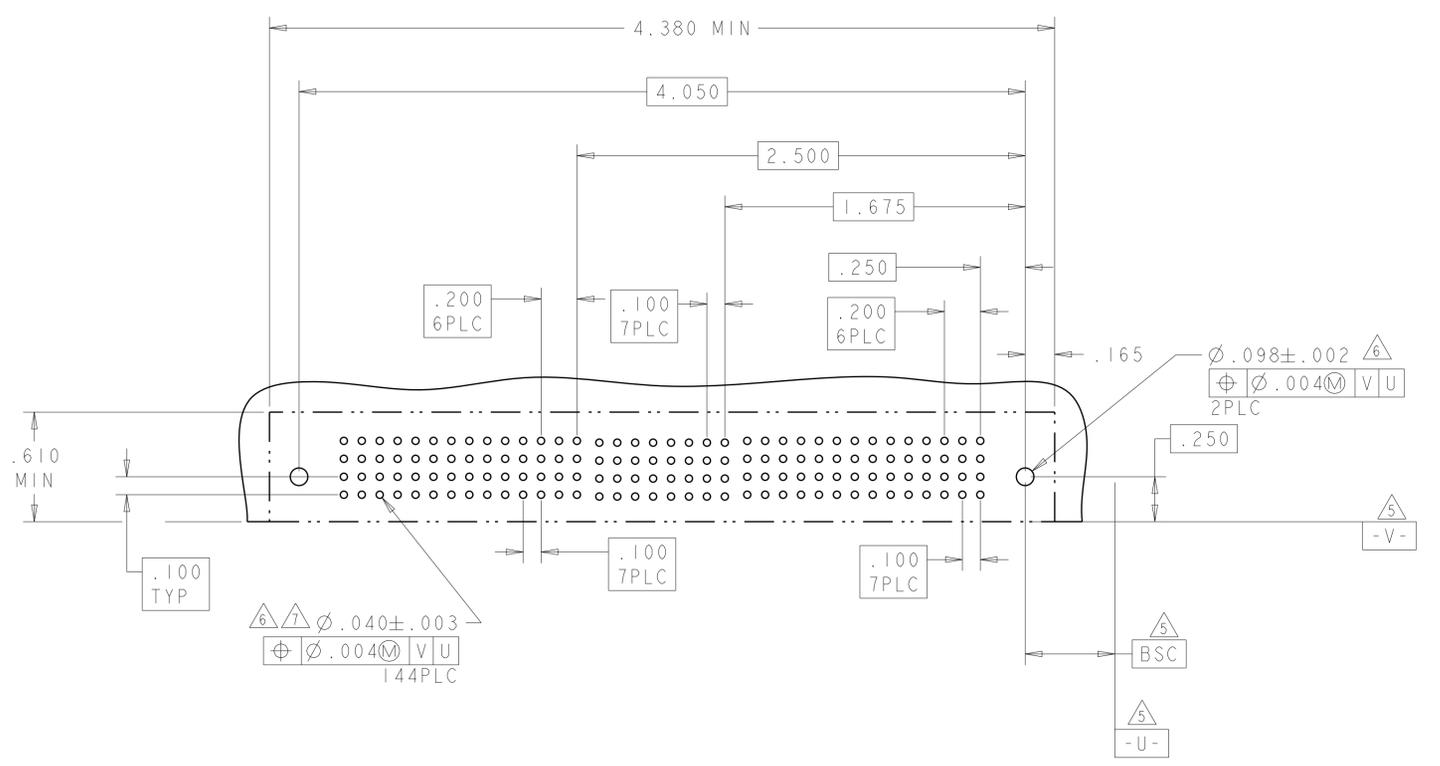
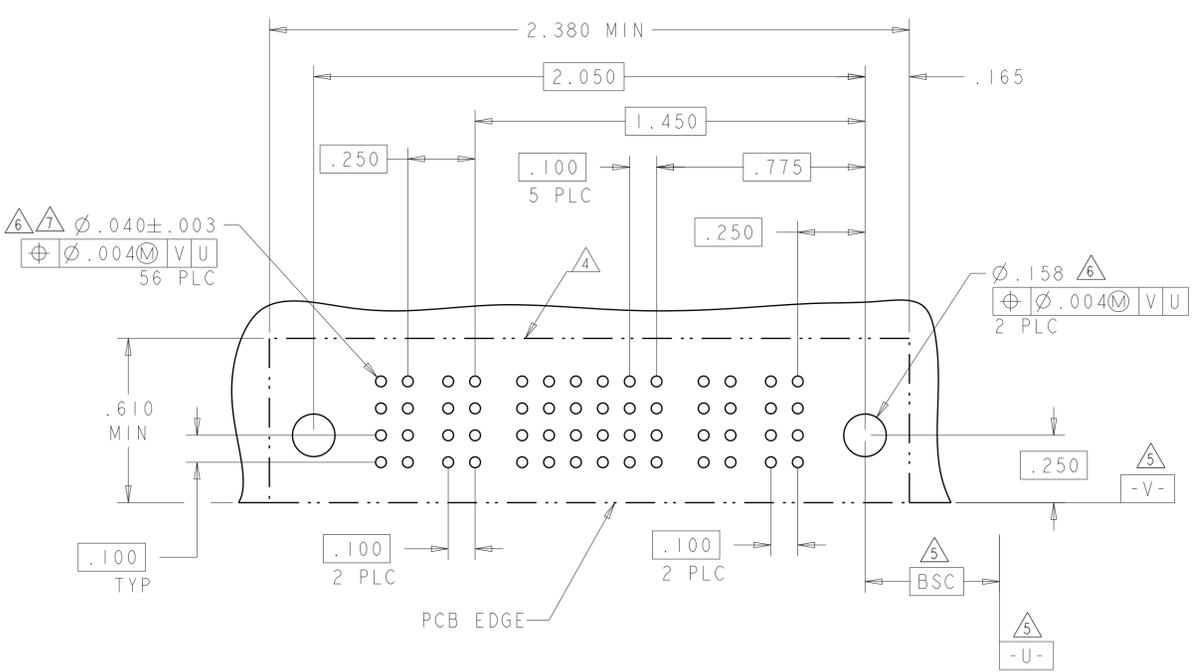
THIS DRAWING IS A CONTROLLED DOCUMENT.		OWN: R. GRZYBOWSKI 09MAR05	 TE Connectivity
DIMENSIONS: INCHES		CHK: M. PERCHERKE 09MAR05	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD: M. PERCHERKE	NAME: RIGHT ANGLE RECEPTACLE ASSEMBLY WITH GUIDES MULTI-BEAM XL
0 PLC ±.01		PRODUCT SPEC: 108-1973	SIZE: A100779
1 PLC ±.01		APPLICATION SPEC: 114-13038	CAGE CODE: C=6450560
2 PLC ±.005		WEIGHT: -	RESTRICTED TO: -
3 PLC ±.005		FINISH: -	SCALE: 4:1
4 PLC ±.0020		Customer Drawing	SHEET 4 OF 7
ANGLES ±.0020			REV: H3

LOC	DIST	REV	DATE	BY	APPR
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								
		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	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																									



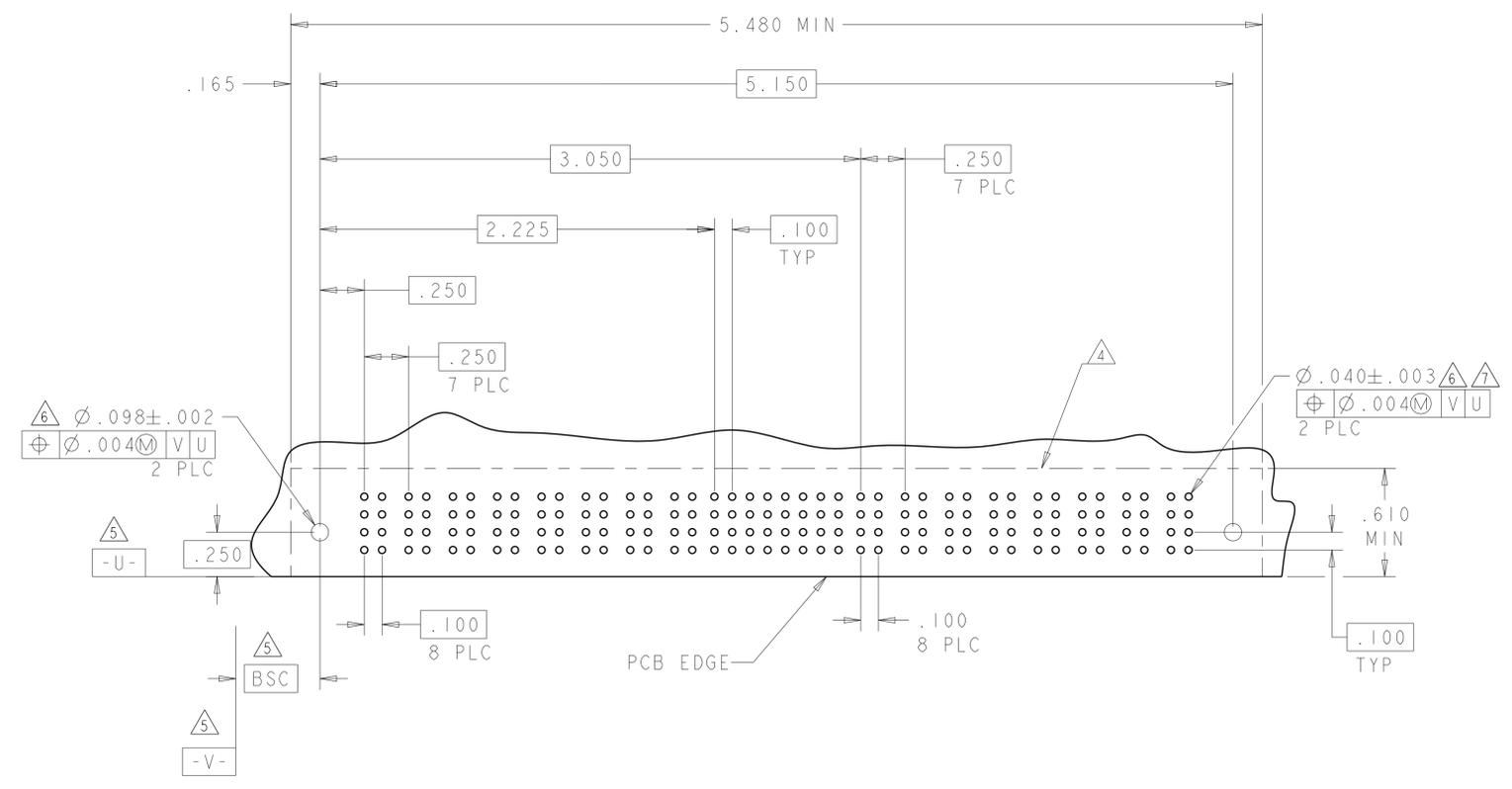
THIS DRAWING IS A CONTROLLED DOCUMENT.

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

4805 (3/11)

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								D D D D D D D D								RS							
		RS								C C C C C C C C								RS							
		RS								B B B B B B B B								RS							
		RS								A A A A A A A A								RS							
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
CHK: M. PERCHERKE 09MAR05

INCHES

TOLERANCES UNLESS OTHERWISE SPECIFIED:

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

APVD: M. PERCHERKE

NAME: RIGHT ANGLE RECEPTACLE ASSEMBLY WITH GUIDES MULTI-BEAM XL

PRODUCT SPEC: 108-1973

APPLICATION SPEC: 114-13038

WEIGHT: -

Customer Drawing

SCALE: 4:1

SHEET 7 OF 7

REV: H3

RESTRICTED TO: -

Mouser Electronics

Authorized Distributor

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

[TE Connectivity:](#)

[1-6450560-0](#)