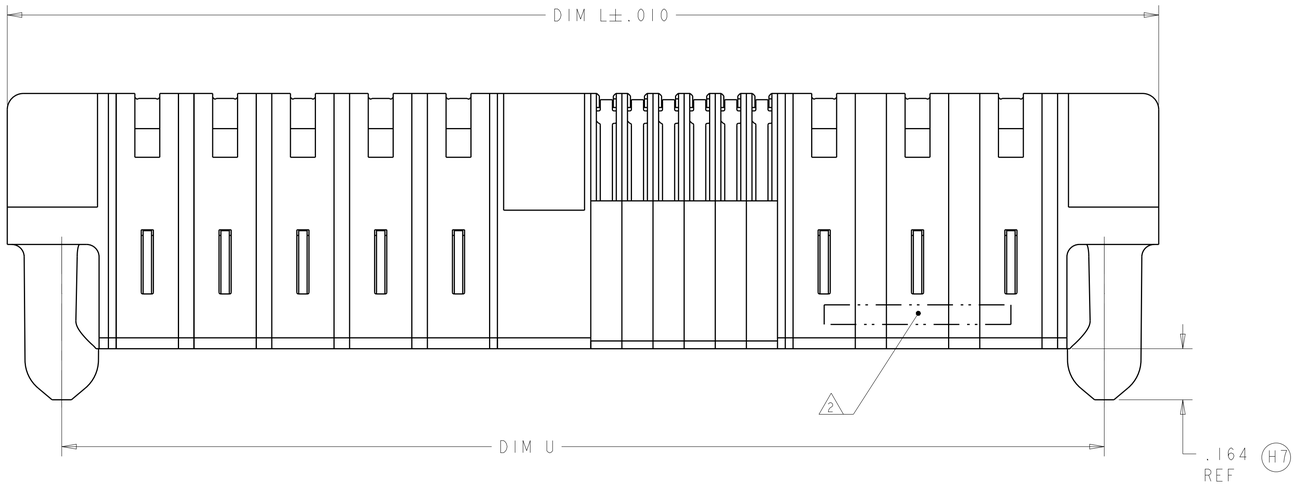
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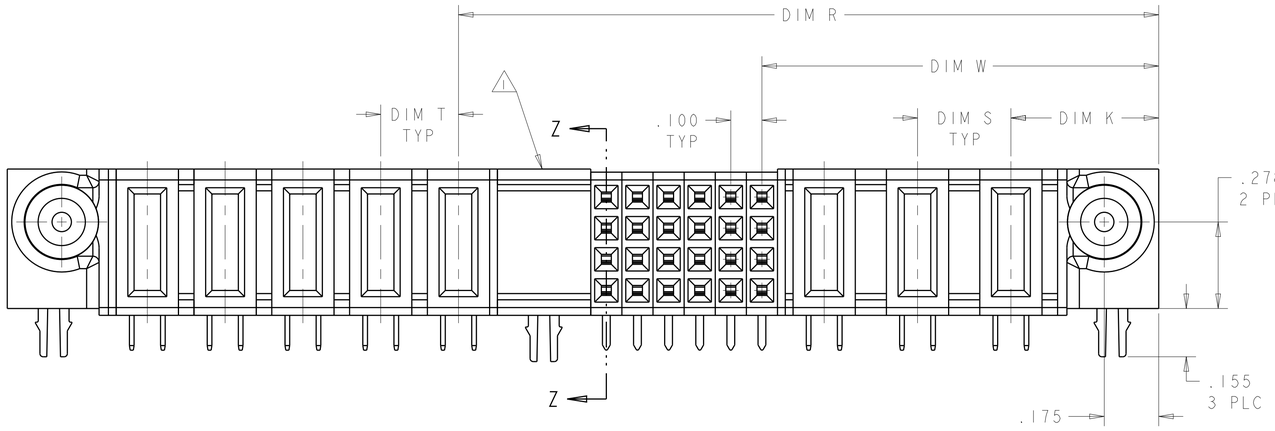
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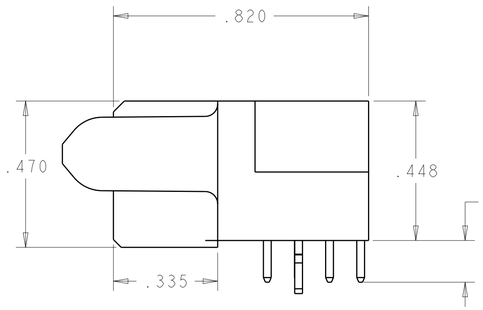
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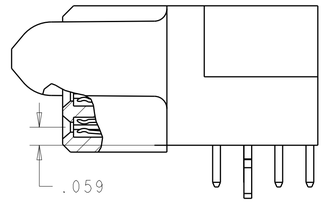
P	LTR	DESCRIPTION	DATE	DWN	APVD
	J1	REV PER ECR-12-016975	25SEP2012	CZ	SZ
	J3	ADDED NEW DASH NUMBER 4-0	01FEB2013	CZ	SZ
	J5	ADDED NEW DASH NUMBER 4-1	25FEB2014	CZ	SZ



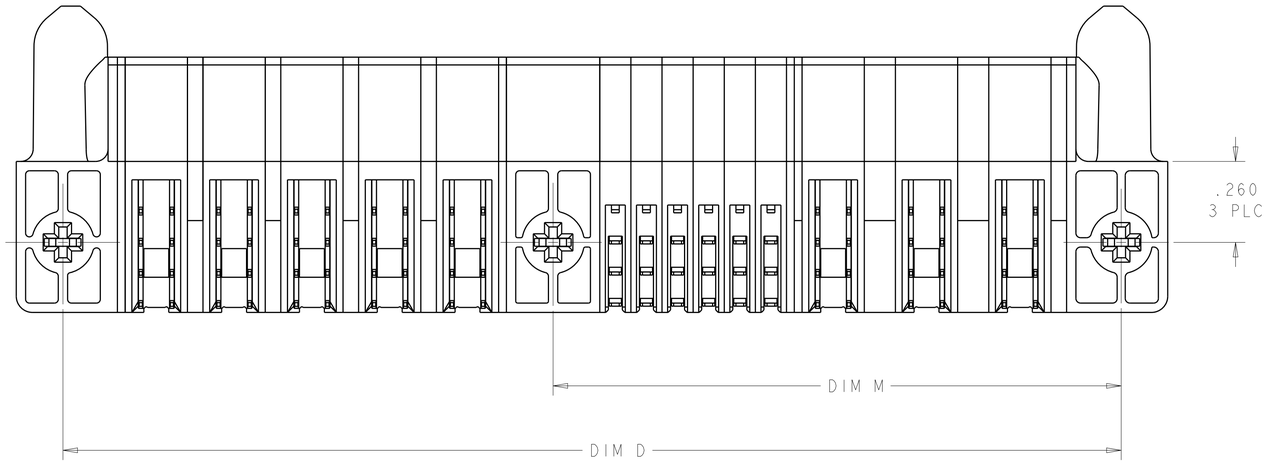
1. OPTIONAL CENTER MODULE, WITH .150 THRU HOLE OR HOLD DOWN FEATURE.
2. "AMP", PART NUMBER AND DATE CODE TO BE MARKED
3. MATERIAL: HOUSING - GLASS FILLED HIGH TEMP THERMO PLASTIC, UL94 V-O.
   SIGNAL CONTACT - HIGH CONDUCTIVITY COPPER ALLOY
   POWER CONTACT - HIGH CONDUCTIVITY COPPER ALLOY
4. CONTACT PLATING: NOBLE METAL PLATING ON CONTACT FUNCTIONAL AREA OF POWER AND SIGNAL CONTACTS
5. MECHANICAL CONNECTOR KEEP OUT ZONE.
6. DATUM AND BASIC DIMENSIONS ESTABLISHED BY CUSTOMER.
7. PCB - ALL HOLE DIAMETERS ARE FINISHED HOLE SIZES
8. PCB - .0453±.0010 DRILLED HOLES PLATED WITH .0003 MIN Sn OVER .001 TO .003 Cu PLATING TO ACHIEVE A .040 DIAMETER HOLE







SECTION Z-Z
SCALE 4:1



THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN R.GRZYBOWSKI 21FEB05	TE Connectivity
DIMENSIONS: INCHES	TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±, 1 PLC ±., 2 PLC ±.01, 3 PLC ±.005, 4 PLC ±.0020, ANGLES ±2°	CHK M.PERCHERKE 21FEB05	RIGHT ANGLE RECEPTACLE ASSEMBLY WITH GUIDES MULTI-BEAM XL
		APVD M.PERCHERKE -	NAME
		PRODUCT SPEC 108-1973	
		APPLICATION SPEC 114-13038	SIZE A1 · CAGE CODE 00779 · DRAWING NO C-6450170 · RESTRICTED TO -
MATERIAL - - 3	FINISH - - 4	WEIGHT -	CUSTOMER DRAWING · SCALE 4:1 · SHEET 1 OF 13 · REV J5

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REVISIONS

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

DIM U	DIM T	DIM S	DIM R	DIM W	DIM D	DIM M	DIM L	DIM K	DESCRIPTION	PART NUMBER
2.650	.200	.250	1.550	.875	2.700	-	3.000	.450	2P + 24S + 6P	4-6450170-1
3.100	.250	.250	2.250	1.875	3.150	-	3.450	.450	6P + 12S + 4P	4-6450170-0
1.900	.250	.300	1.550	1.275	1.950	-	2.250	.475	3ACP + 8S + 2P	3-6450170-9
1.800	-	-	1.700	.625	1.850	-	2.150	.450	1P + 40S + 1P	3-6450170-8
1.600	-	-	1.500	.625	1.650	-	1.950	.450	1P + 32S + 1P	3-6450170-7
1.700	.250	.250	1.350	.875	1.750	-	2.050	.450	2P + 16S + 2P	3-6450170-6
1.550	.250	.250	1.200	.900	1.600	-	1.900	.450	2P + 8S + 2P	3-6450170-5
2.350	.250	.250	1.250	.875	2.400	-	2.700	.450	2P + 12S + 5P	3-6450170-4
2.325	.250	.300	1.975	1.600	2.375	-	2.675	.450	4ACP + 12S + 2P	3-6450170-3
1.700	.250	.250	1.350	.875	1.750	-	2.050	.450	2P + 16S + 2P	3-6450170-1
2.300	.250	.300	1.950	1.275	2.350	-	2.650	.450	3ACP + 24S + 2P	3-6450170-0
2.400	.250	.250	1.800	1.125	2.450	-	2.750	.450	3P + 24S + 3P	2-6450170-9
2.300	.250	.300	1.950	1.275	2.350	-	2.650	.450	3ACP + 24S + 2P	2-6450170-8
2.400	.250	.250	1.800	1.125	2.450	-	2.750	.450	3P + 24S + 3P	2-6450170-7
1.950	.250	.250	1.600	1.125	2.000	-	2.300	.450	3P + 16S + 2P	2-6450170-6
1.300	-	-	1.200	.675	1.350	-	1.650	.450	1P + 16S + 1P	2-6450170-0
2.200	.250	.250	1.350	.875	2.250	-	2.550	.450	2P + 16S + 4P	1-6450170-9
2.800	.300	.250	2.075	1.375	2.850	-	3.150	.450	4P + 24S + 3ACP	1-6450170-8
3.000	.250	.250	2.150	1.425	3.050	-	3.350	.450	4P + 24S + 4P	1-6450170-4
2.600	.200	.200	1.925	1.175	2.650	-	2.950	.425	4P + 28S + 4P	1-6450170-1
1.575	-	-	1.425	.700	1.625	-	1.925	.475	1P + 24S + 1P	1-6450170-0
2.500	.250	.250	2.150	.875	2.550	-	2.850	.450	2P + 48S + 2P	6450170-9
3.300	.250	.300	1.950	1.275	3.350	-	3.650	.475	3ACP +24S + 6P	6450170-8
1.400	.250	.250	1.300	.625	1.450	-	1.750	.450	1P + 24S + 1P	6450170-6
2.400	.250	.250	1.800	1.125	2.450	-	2.750	.450	3P + 24S + 3P	6450170-5
4.350	.250	.250	3.500	2.625	4.400	-	4.700	.450	9P + 32S + 4P	6450170-4
3.650	.250	.300	2.550	1.275	3.700	-	4.000	.475	3ACP + 48S + 5P	6450170-3
3.050	.250	.300	1.950	1.275	3.100	-	3.400	.475	3ACP +24S + 5P	6450170-2
2.550	.250	.300	2.200	1.525	2.600	-	2.900	.475	3ACP+1P+24S+2P	6450170-1

J4

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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 21FEB05
CHK M.PERCHERKE 21FEB05
APVD M.PERCHERKE -
PRODUCT SPEC 108-1973
APPLICATION SPEC 114-13038
WEIGHT -

TE Connectivity

NAME RIGHT ANGLE RECEPTACLE ASSEMBLY WITH GUIDES MULTI-BEAM XL

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A1	00779	C-6450170	-

CUSTOMER DRAWING SCALE 4:1 SHEET 2 OF 13 REV J5

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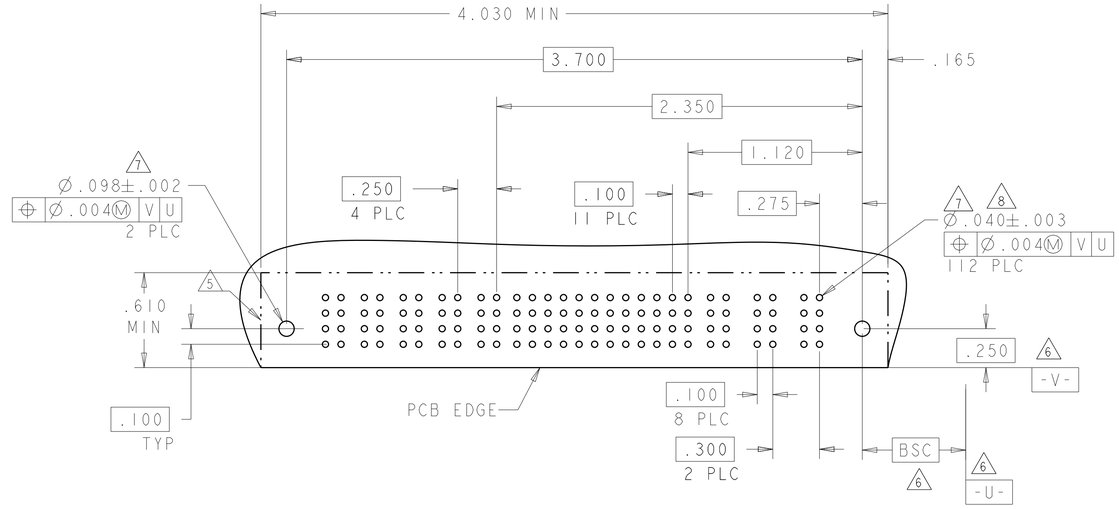
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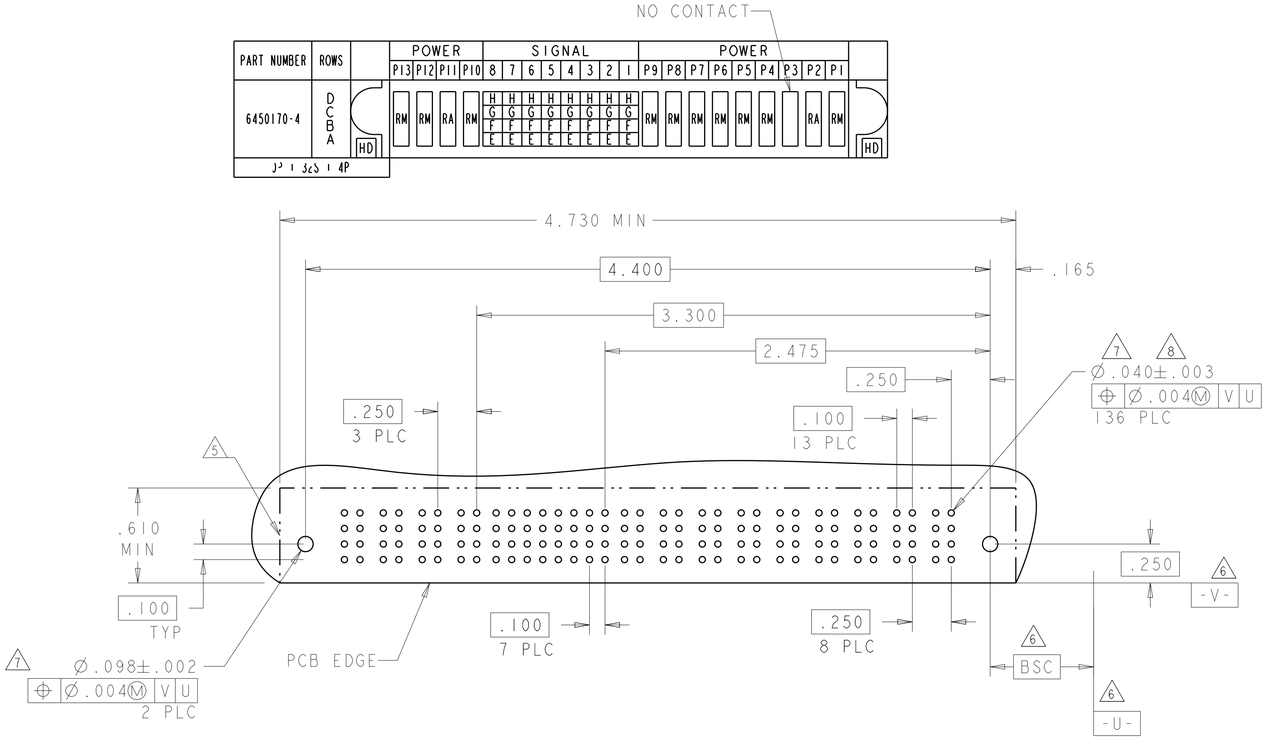
REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
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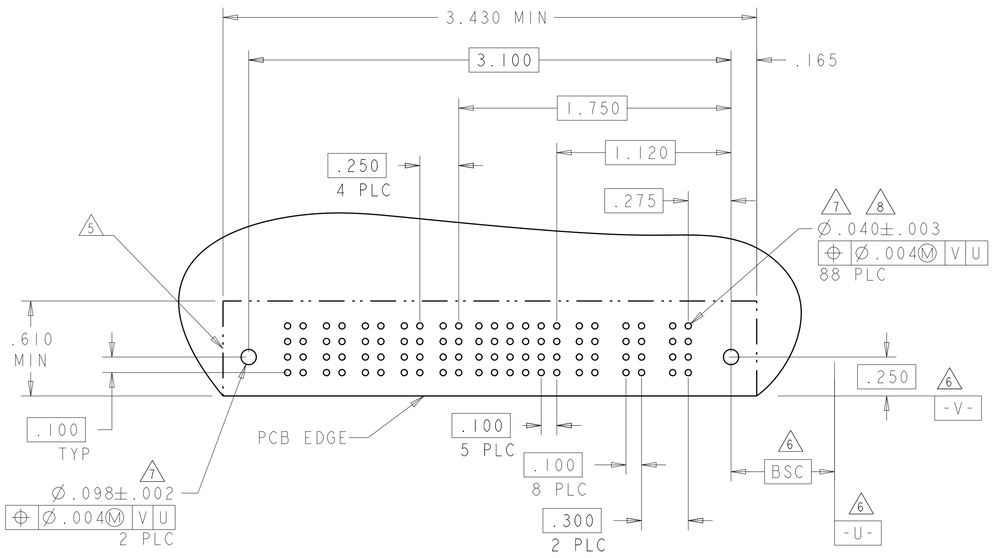
PART NUMBER	ROWS	POWER						SIGNAL											POWER		
		P8	P7	P6	P5	P4		12	11	10	9	8	7	6	5	4	3	2	1	P3	P2	P1
6450170-3	D C B A	RM	RM	RM	RM	RM		H G F E	H G F E	H G F E	H G F E	H G F E	H G F E	H G F E	H G F E	H G F E	H G F E	H G F E	H G F E	RA	RM	RM
	HD																					
3ACP + 48S + 5P																						



PART NUMBER	ROWS	POWER										SIGNAL								POWER						
		P13	P12	P11	P10							8	7	6	5	4	3	2	1	P9	P8	P7	P6	P5	P4	P3	P2	P1
6450170-4	D C B A	RM	RM	RA	RM							H G F E	H G F E	H G F E	H G F E	H G F E	H G F E	H G F E	H G F E	RM	RM	RM	RM	RM	RM	RA	RM	
	HD																											HD
3ACP + 24S + 5P																												



PART NUMBER	ROWS	POWER					SIGNAL					POWER		
		P8	P7	P6	P5	P4	6	5	4	3	2	1	P3	P2	P1
6450170-2	D C B A	RM	RM	RM	RM	RM	H G F E	H G F E	H G F E	H G F E	H G F E	H G F E	RA	RM	RM
	HD														
3ACP + 24S + 5P															



RM	.135	STD
RA	.135	MFBL
CODE	TAIL LENGTH	TYPE
POWER CONTACT		

H	.135	D
G	.135	C
F	.135	B
E	.135	A
CODE	TAIL LENGTH	ROW
SIGNAL CONTACT		

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

MATERIAL -
FINISH -

DWN	R GRZYBOWSKI	21FEB05
CHK	M PERCHERKE	21FEB05
APVD	M PERCHERKE	-
PRODUCT SPEC	108-1973	
APPLICATION SPEC	114-13038	
WEIGHT	-	

TE Connectivity

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

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A1	00779	C-6450170	-

CUSTOMER DRAWING | SCALE 1:1 | SHEET 3 OF 13 | REV J5

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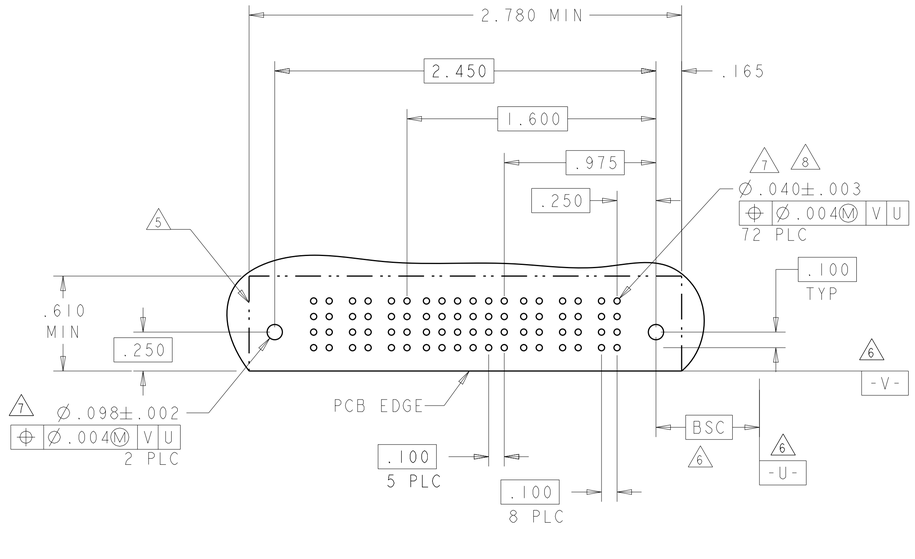
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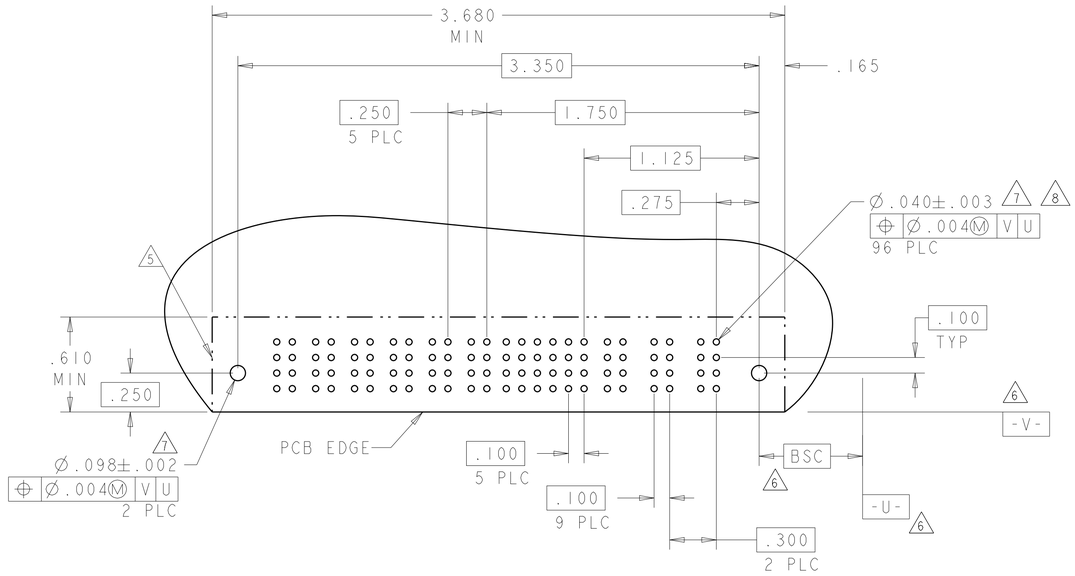
REVISIONS

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

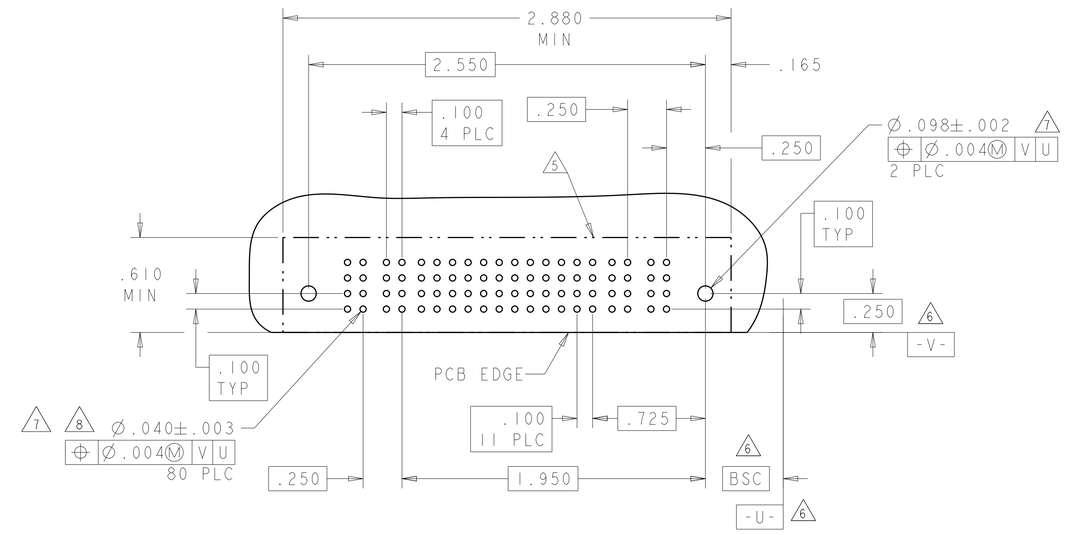
PART NUMBER	ROWS	POWER			SIGNAL						POWER		
		P6	P5	P4	6	5	4	3	2	1	P3	P2	P1
6450170-5	D C B A	RA	RM	RM	H G F E	H G F E	H G F E	H G F E	H G F E	H G F E	RM	RM	RA
3P + 24S + 3P		HD											HD



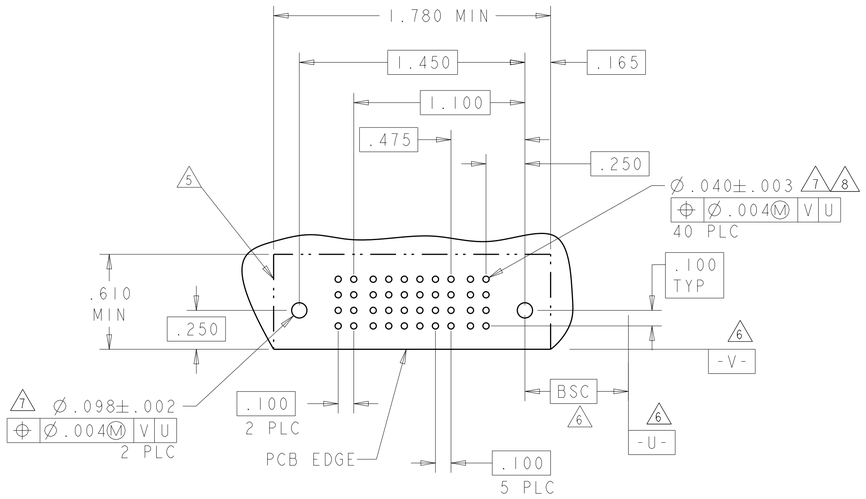
PART NUMBER	ROWS	POWER							SIGNAL						POWER		
		P9	P8	P7	P6	P5	P4		6	5	4	3	2	1	P3	P2	P1
6450170-8	D C B A	RM	RM	RM	RM	RM	RM		H G F E	H G F E	H G F E	H G F E	H G F E	H G F E	RA	RM	RM
3ACP + 24S + 6P								HD									HD



PART NUMBER	ROWS	POWER		SIGNAL												POWER		
		P4	P3	12	11	10	9	8	7	6	5	4	3	2	1	P2	P1	
6450170-9	D C B A	RM	RA	H G F E	H G F E	H G F E	H G F E	H G F E	H G F E	H G F E	H G F E	H G F E	H G F E	H G F E	H G F E	RM	RA	
2P + 48S + 2P																		HD



PART NUMBER	ROWS	POWER	SIGNAL							POWER	
		P2	6	5	4	3	2	1	P1		
6450170-6	D C B A	RB	L K J I	L K J I	L K J I	L K J I	L K J I	L K J I	RN		
1P + 24S + 1P		HD									HD



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

MATERIAL - -
FINISH - -

DWN R.GRZYBOWSKI 21FEB05
CHK M.PERCHERKE 21FEB05
APVD M.PERCHERKE -
PRODUCT SPEC 108-1973
APPLICATION SPEC 114-13038
WEIGHT -

TE Connectivity

NAME RIGHT ANGLE RECEPTACLE ASSEMBLY WITH GUIDES MULTI-BEAM XL

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A1	00779	C-6450170	-

CUSTOMER DRAWING | SCALE 4:1 | SHEET 4 OF 13 | REV J5

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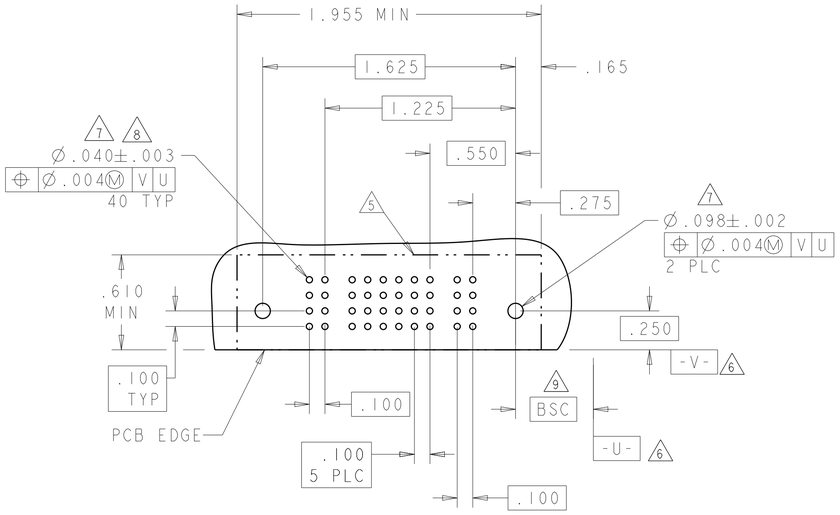
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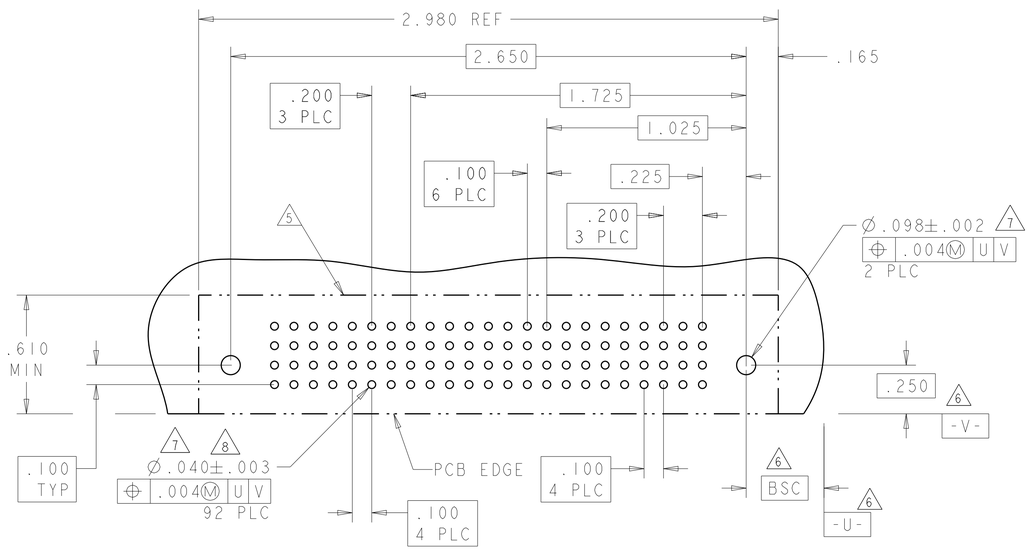
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P	LTR	DESCRIPTION	DATE	DWN	APVD
	-	SEE SHEET 1	-	-	-

PART NUMBER	ROWS	POWER	SIGNAL						POWER	
		P2	6	5	4	3	2	1	P1	
1-6450170-0	D C B A	RM	H G F E	H G F E	H G F E	H G F E	H G F E	H G F E	RA	HD
1P + 24S + 1P										

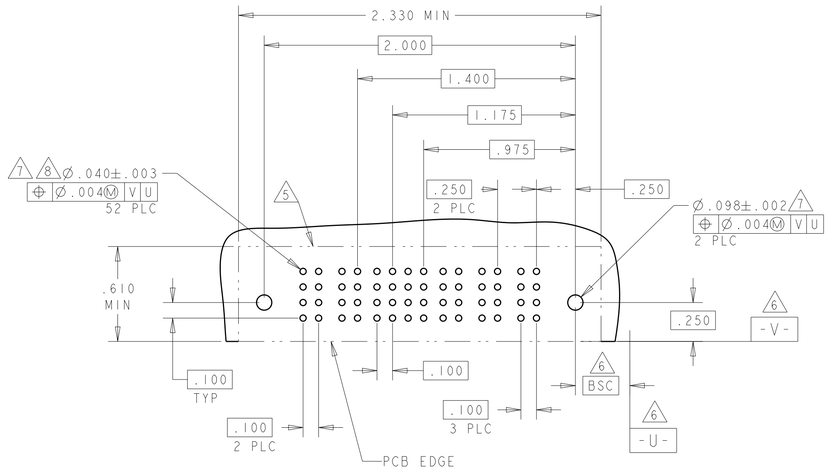


PART NUMBER	ROWS	POWER		SIGNAL							POWER			
		P8	P7	P6	P5	7	6	5	4	3	2	1	P4	P3	P2	P1
1-6450170-1	D C B A	RM	RM	RM	RM	H G F E	H G F E	H G F E	H G F E	H G F E	H G F E	H G F E	RM	RM	RM	RM
4P + 28S + 4P		HD														HD



PART NUMBER	ROWS	POWER			SIGNAL							POWER			
		P6	P5	P4	6	5	4	3	2	1		P3	P2	P1	
2-6450170-6	D C B A	RM	RM		H G F E	H G F E	H G F E	H G F E				RA	RA	RA	HD
3P + 16S + 2P		HD													

NO CONTACTS LOADED

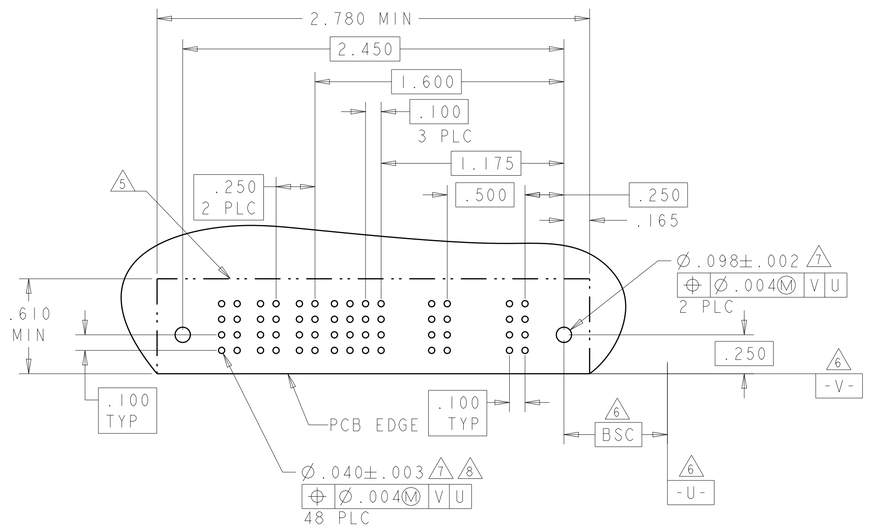


PART NUMBER	ROWS	POWER			SIGNAL							POWER			
		P6	P5	P4	6	5	4	3	2	1		P3	P2	P1	
2-6450170-7	D C B A	RM	RM	RA	H G F E	H G F E	H G F E					RM	RM		HD
3P + 24S + 3P		HD													

NO CONTACTS LOADED

PART NUMBER	ROWS	POWER			SIGNAL							POWER			
		P6	P5	P4	6	5	4	3	2	1		P3	P2	P1	
2-6450170-9	D C B A	RM	RM	RA	H G F E	H G F						RM	RM		HD
3P + 24S + 3P		HD													

NO CONTACTS LOADED



2-6450170-7 & 2-6450170-9 PCB LAYOUT

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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 21FEB05
CHK	M.PERCHERKE 21FEB05
APVD	M.PERCHERKE -
PRODUCT SPEC	108-1973
APPLICATION SPEC	114-13038
WEIGHT	-

TE Connectivity

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

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A1	00779	C-6450170	-

CUSTOMER DRAWING | SCALE 4:1 | SHEET 5 OF 13 | REV J5

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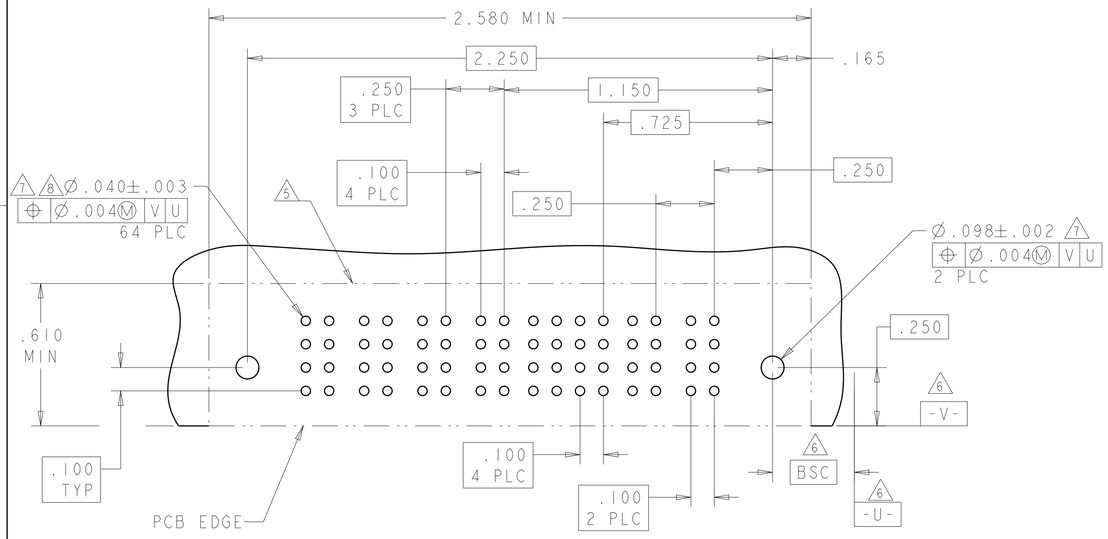
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LOC	DIST
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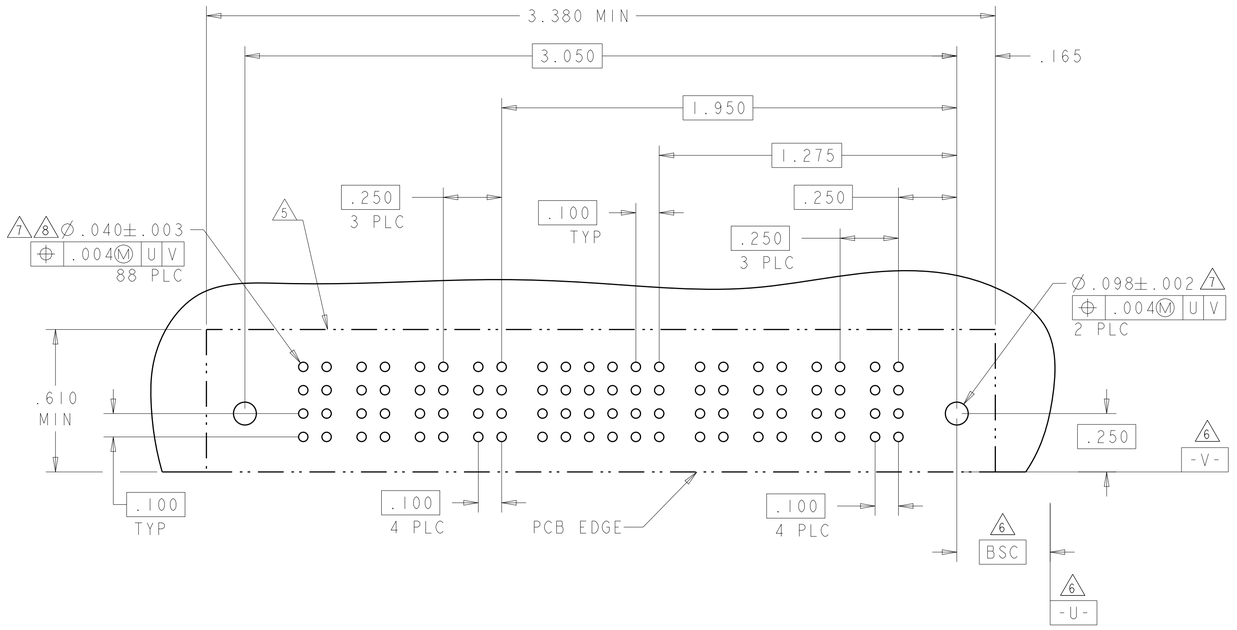
REVISIONS

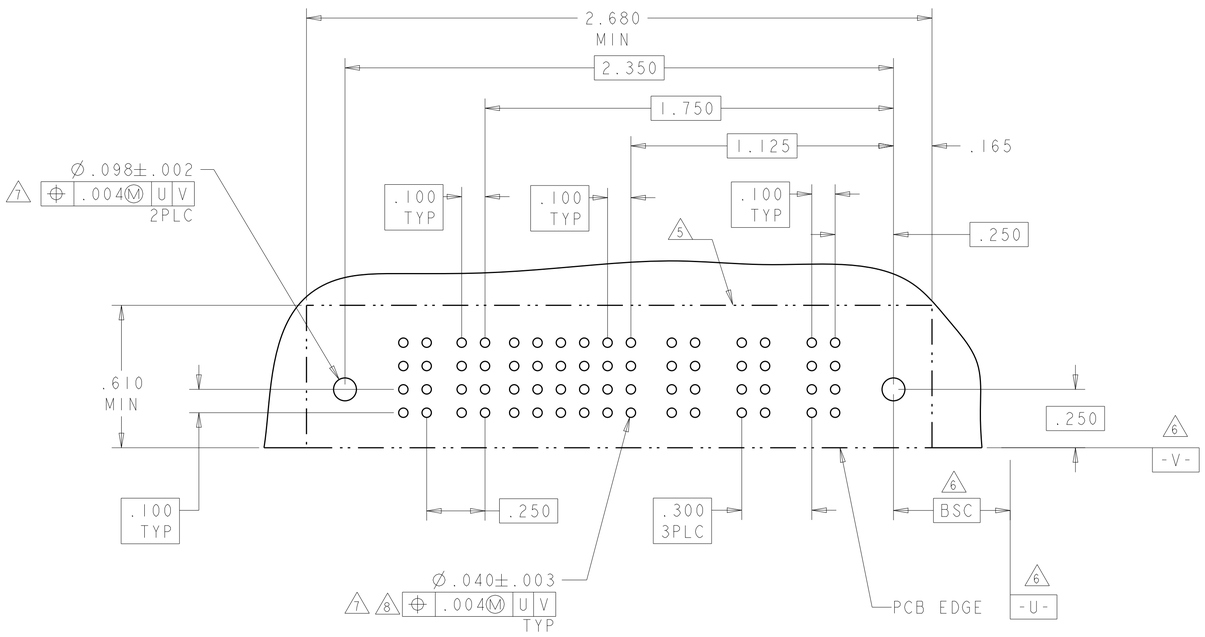
P	LTR	DESCRIPTION	DATE	DWN	APVD
	-	SEE SHEET 1	-	-	-

PART NUMBER	ROWS		POWER				SIGNAL				POWER			
			P6	P5	P4	P3	4	3	2	1	P2	P1		
1-6450170-9	D C B A	HD	RA	RA	RM	RM	H G F E	H G F E	H G F E	H G F E	RM	RA	HD	
2P + 16S + 4P														



PART NUMBER	ROWS		POWER						SIGNAL						POWER			
			P8	P7	P6	P5	6	5	4	3	2	1	P4	P3	P2	P1		
1-6450170-4	D C B A	HD	RA	RA	RA	RA	H G F E	H G F E	H G F E	H G F E	H G F E	H G F E	RA	RA	RA	RA	HD	
4P + 24S + 4P																		





PART NUMBER	ROWS		POWER		SIGNAL						AC POWER			
			P5	P4	6	5	4	3	2	1	P3	P2	P1	
2-6450170-8	D C B A	HD	RA	RA	H G F E	H G F E	H G F E	H G F E	H G F E	H G F E	RA	RM	RM	HD
3ACP + 24S + 2P														

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN R.GRZYBOWSKI 21FEB05	TE Connectivity	
DIMENSIONS: INCHES	TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±- 1 PLC ±- 2 PLC ±.01 3 PLC ±.005 4 PLC ±.0020 ANGLES ±2°	CHK M.PERCHERKE 21FEB05	NAME RIGHT ANGLE RECEPTACLE ASSEMBLY WITH GUIDES MULTI-BEAM XL	
		APVD M.PERCHERKE -		
		PRODUCT SPEC 108-1973		
		APPLICATION SPEC 114-13038	SIZE A1 CAGE CODE 00779 DRAWING NO C-6450170	RESTRICTED TO -
MATERIAL - -	FINISH - -	WEIGHT -	CUSTOMER DRAWING	SCALE 4:1 SHEET 6 OF 13 REV J5

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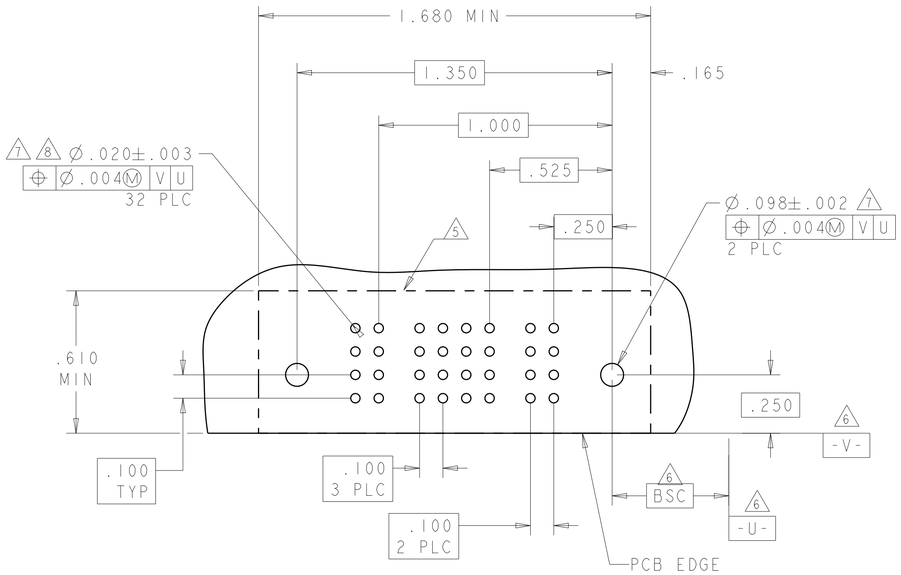
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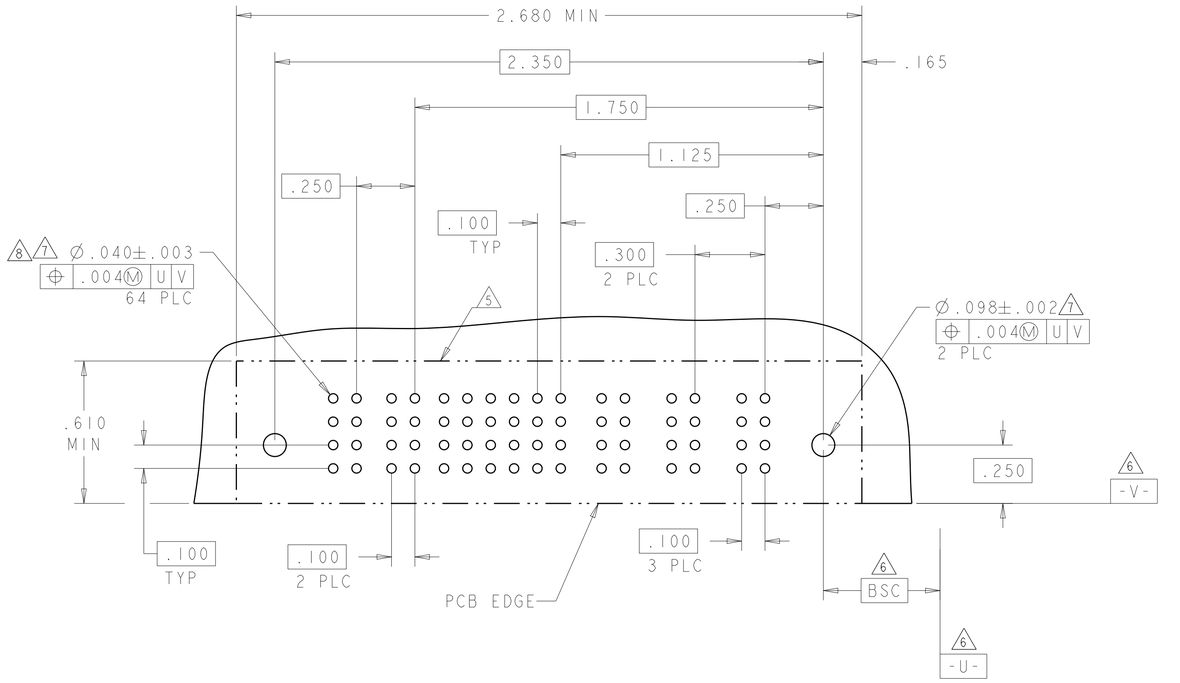
REVISIONS

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

PART NUMBER	ROWS	POWER P2	SIGNAL 4	3	2	1	POWER P1
2-6450170-0	D C B A	RM	H G F E	H G F E	H G F E	H G F E	RM
IP + 16S + IP		HD					HD



PART NUMBER	ROWS	POWER P5	POWER P4	SIGNAL 6	5	4	3	2	1	AC POWER P3	P2	P1
3-6450170-0	D C B A	RM	RM	H G F E	H G F E	H G F E	H G F E	H G F E	H G F E	RA	RM	RM
3ACP + 24S + 2P												HD



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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 21FEB05
CHK M PERCHERKE 21FEB05
APVD M PERCHERKE -
PRODUCT SPEC 108-1973
APPLICATION SPEC 114-13038
WEIGHT -

TE Connectivity

NAME RIGHT ANGLE RECEPTACLE ASSEMBLY WITH GUIDES MULTI-BEAM XL

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A1	00779	C-6450170	-

CUSTOMER DRAWING | SCALE 4:1 | SHEET 7 OF 13 | REV J5

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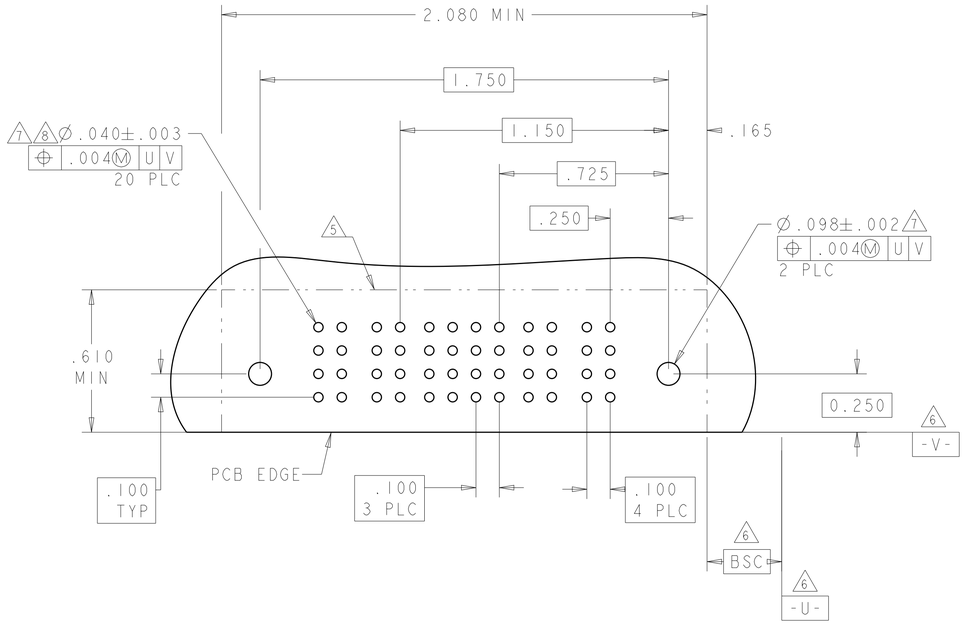
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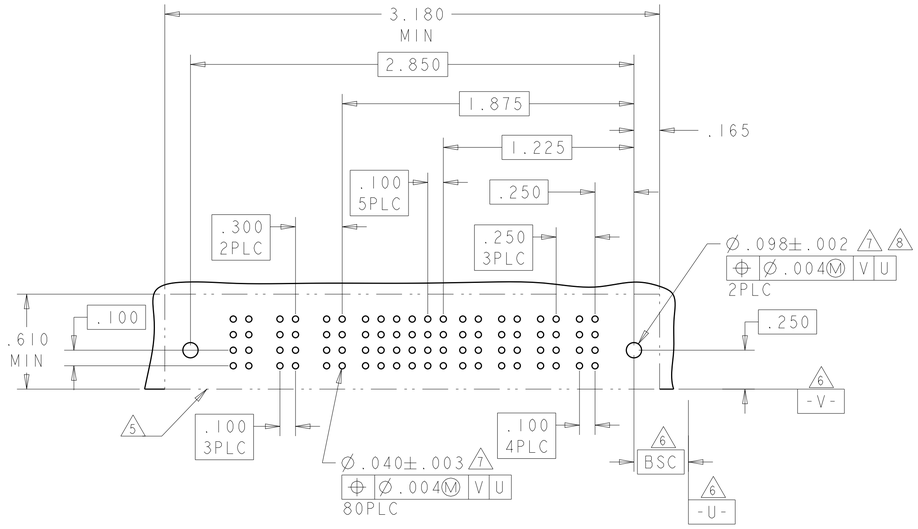
REVISIONS

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

PART NUMBER	ROWS		POWER		SIGNAL				POWER		
			P4	P3	4	3	2	1	P2	P1	
3-6450170-1	D		RM	RA	H	H	H	H	RA	RM	
	C				G	G	G	G			
	B				E	E	E	E			
	A	HD			F	F	F	F			HD
2P + 16S + 2P											

PART NUMBER	ROWS		POWER			SIGNAL						POWER				
			P7	P6	P5	6	5	4	3	2	1	P4	P3	P2	P1	
1-6450170-8	D		RM	RM	RA	H	H	H	H	H	H	RM	RM	RM	RM	
	C					G	G	G	G	G	G					
	B					F	F	F	F	F	F					
	A	HD				E	E	E	E	E	E					HD
4P + 24S + 3ACP																





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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	21FEB05
CHK	M.PERCHERKE	21FEB05
APVD	M.PERCHERKE	-
PRODUCT SPEC	108-1973	
APPLICATION SPEC	114-13038	
WEIGHT	-	

TE Connectivity

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

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A1	00779	C-6450170	-

CUSTOMER DRAWING | SCALE 4:1 | SHEET 8 OF 13 | REV J5

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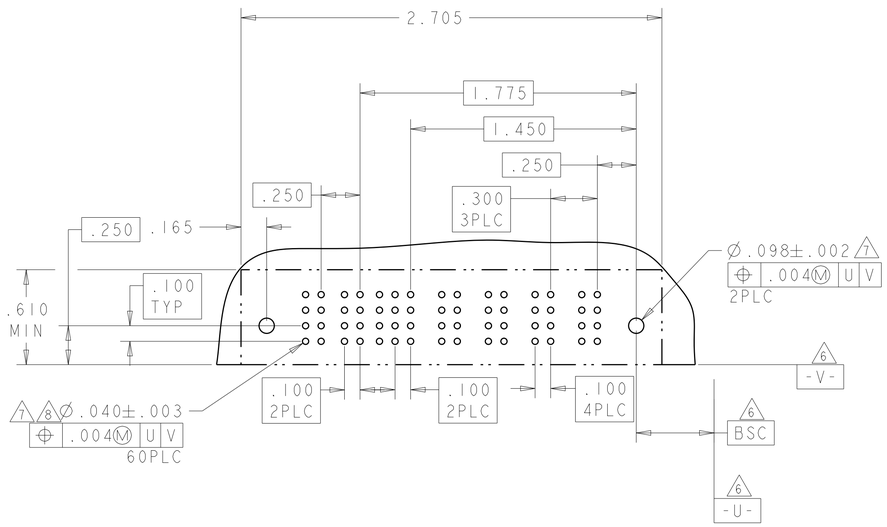
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LOC	DIST
ES	00

REVISIONS

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

PART NUMBER	ROWS		POWER		SIGNAL			POWER				
			P6	P5	3	2	1	P4	P3	P2	P1	
3-6450170-3	D C B A	HD	RM	RM	H G F E	H G F E	H G F E	RM	RM	RM	RM	HD
4ACP + 12S + 2P												



THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN R.GRZYBOWSKI 21FEB05	TE Connectivity
DIMENSIONS: INCHES	TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±- 1 PLC ±- 2 PLC ±.01 3 PLC ±.005 4 PLC ±.0020 ANGLES ±2°	CHK M.PERCHERKE 21FEB05 APVD M.PERCHERKE - PRODUCT SPEC 108-1973 APPLICATION SPEC 114-13038	NAME RIGHT ANGLE RECEPTACLE ASSEMBLY WITH GUIDES MULTI-BEAM XL
MATERIAL - -	FINISH - -	WEIGHT -	SIZE A1 CAGE CODE 00779 DRAWING NO C-6450170 RESTRICTED TO -
		CUSTOMER DRAWING	SCALE 4:1 SHEET 9 OF 13 REV J5

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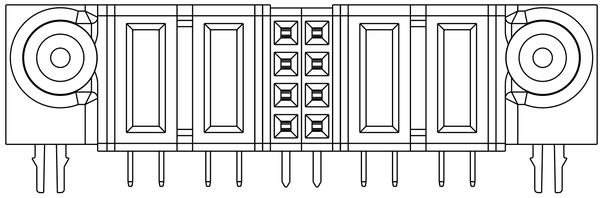
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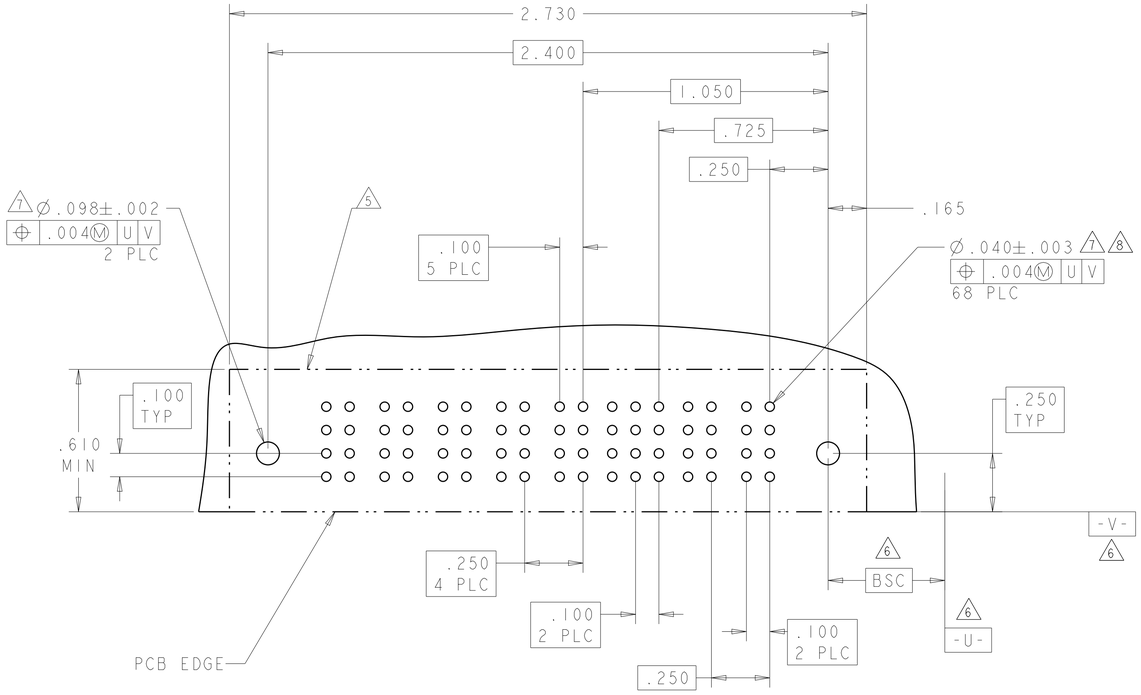
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	-	SEE SHEET 1	-	-	-

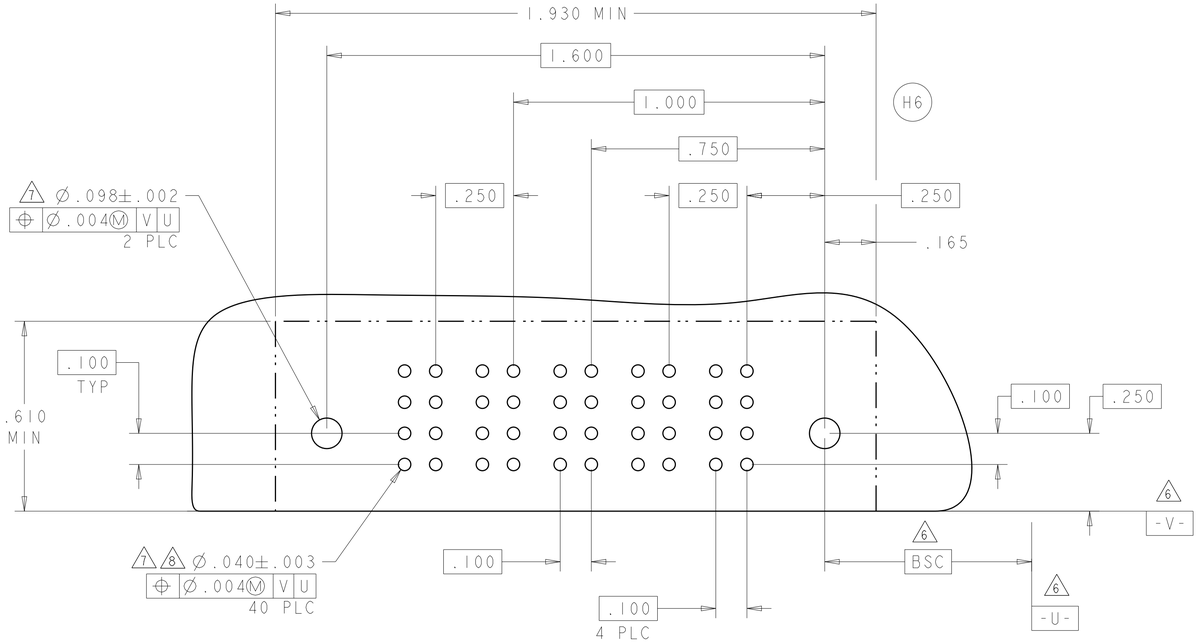
PART NUMBER	ROWS		POWER					SIGNAL			POWER		
			P7	P6	P5	P4	P3	3	2	1	P2	P1	
3-6450170-4	D C B A	HD	RM	RM	RM	RM	RM	H G F E	H G F E	H G F E	RM	RM	HD
2P + 12S + 5P													

PART NUMBER	ROWS		POWER		SIGNAL		POWER		
			P4	P3	2	1	P2	P1	
3-6450170-5	D C B A	HD	RA	RA	H G F E	H G F E	RM	RM	HD
2P + 8S + 2P									



3-6450170-5





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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	21FEB05
CHK	M.PERCHERKE	21FEB05
APVD	M.PERCHERKE	-
PRODUCT SPEC	108-1973	
APPLICATION SPEC	114-13038	
WEIGHT	-	

TE Connectivity

NAME
RIGHT ANGLE RECEPTACLE ASSEMBLY
WITH GUIDES
MULTI-BEAM XL

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A1	00779	C-6450170	-

CUSTOMER DRAWING | SCALE 4:1 | SHEET 10 OF 13 | REV J5

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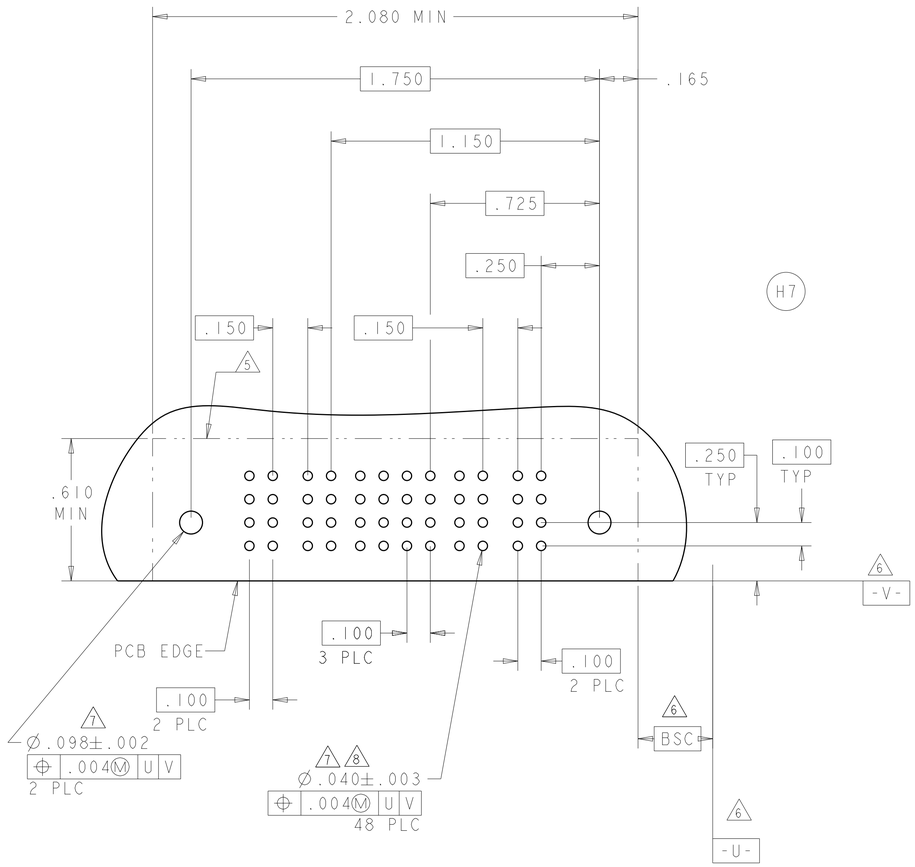
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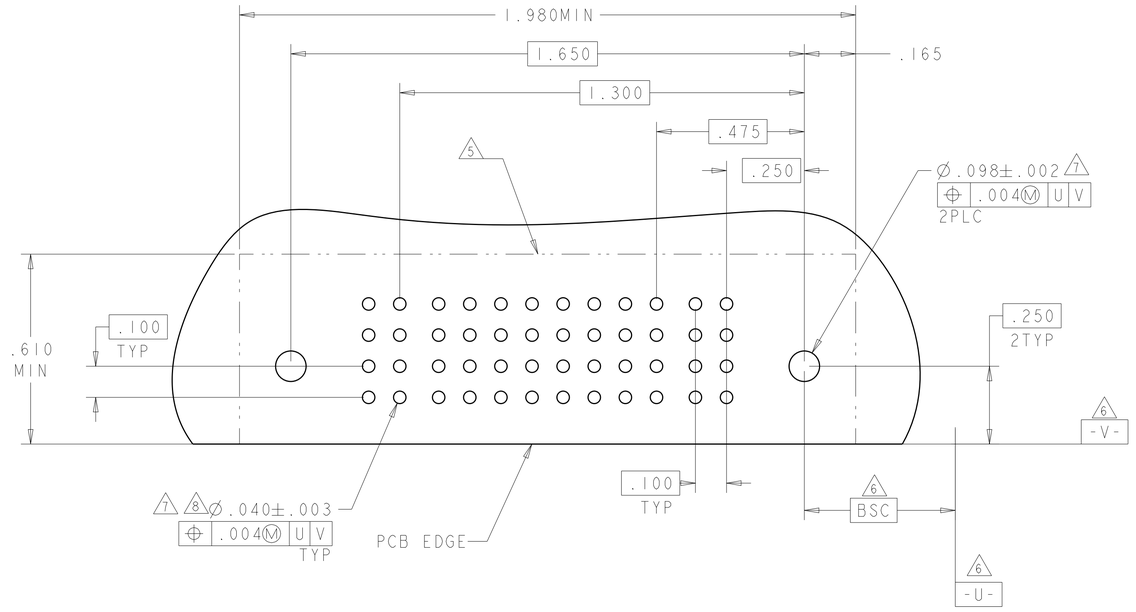
REVISIONS

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

PART NUMBER	ROWS		POWER		SIGNAL				POWER		
			P4	P3	4	3	2	1	P2	P1	
3-6450170-6	D		RA	RA	H	H	H	H	RM	RM	H7
	C				G	G	G	G			
	B				E	E	E	E			
	A	HD			F	F	F	F			HD
2P + 16S + 2P											

PART NUMBER	ROWS		POWER	SIGNAL								POWER	
			P2	8	7	6	5	4	3	2	1	P1	
3-6450170-7	D		RM	H	H	H	H	H	H	H	H	RM	H8
	C			G	G	G	G	G	G	G	G		
	B			F	F	F	F	F	F	F	F		
	A	HD		E	E	E	E	E	E	E	E		HD
1P + 32S + 1P													





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DIMENSIONS: INCHES	CHK M.PERCHERKE 21FEB05	NAME RIGHT ANGLE RECEPTACLE ASSEMBLY WITH GUIDES 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 -	SIZE A1	CAGE CODE 00779
	PRODUCT SPEC 108-1973	DRAWING NO C-6450170	RESTRICTED TO -
	APPLICATION SPEC 114-13038		
MATERIAL - -	WEIGHT -	SCALE 4:1	SHEET 11 OF 13
FINISH - -	CUSTOMER DRAWING		REV J5

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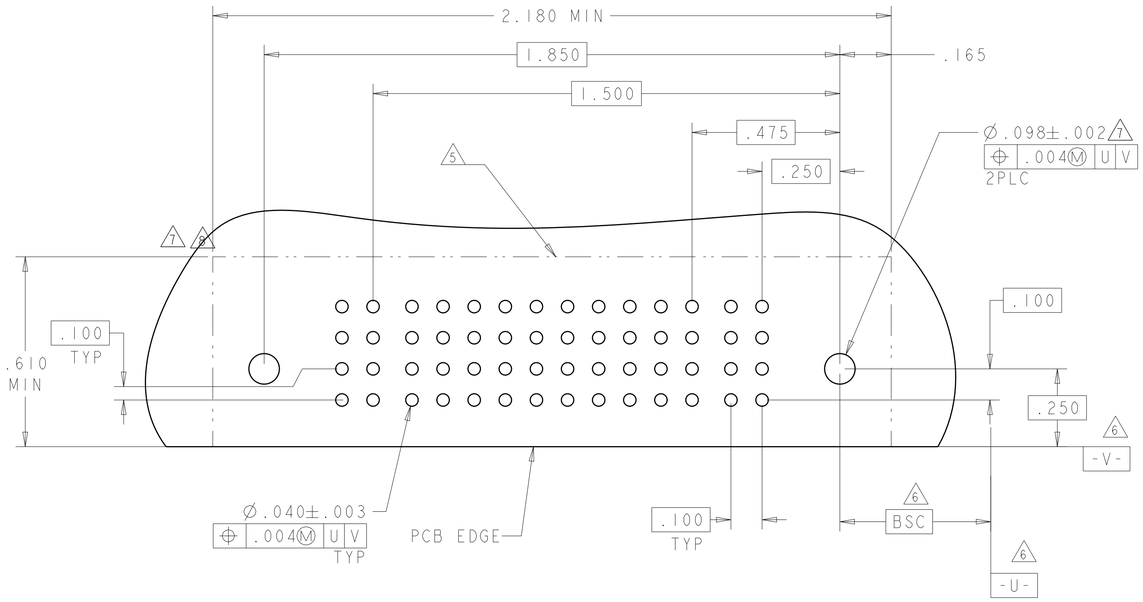
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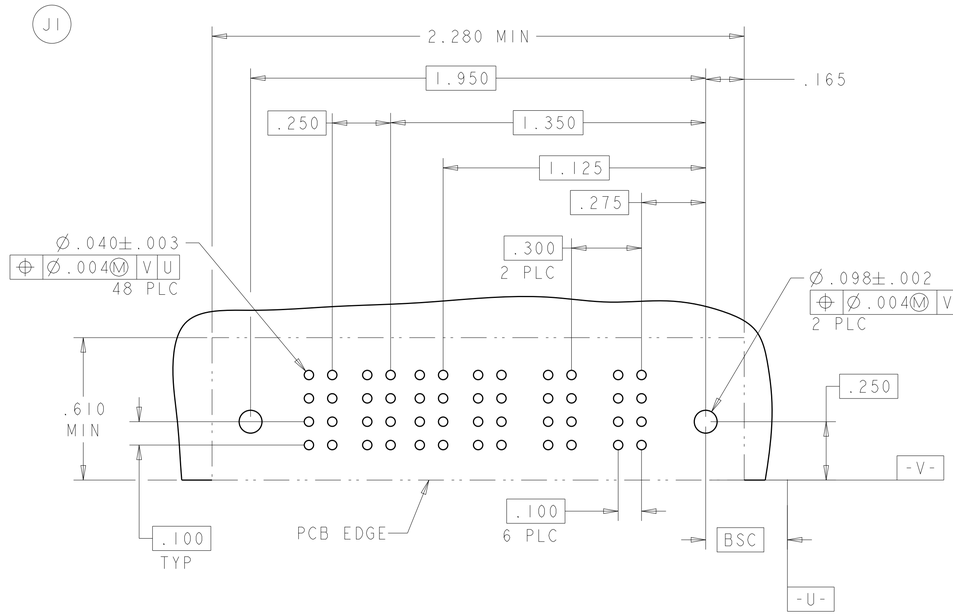
P	LTR	DESCRIPTION	DATE	DWN	APVD
	-	SEE SHEET 1	-	-	-

PART NUMBER	ROWS	POWER	SIGNAL										POWER	
		P2	10	9	8	7	6	5	4	3	2	1	P1	
3-6450170-8	D C B A	RM	H	H	H	H	H	H	H	H	H	H	RM	HD
			G	G	G	G	G	G	G	G	G	G		
			F	F	F	F	F	F	F	F	F	F		
			E	E	F	F	E	E	E	E	E	E		
1P + 40S + 1P														

PART NUMBER	ROWS	POWER		SIGNAL		POWER			
		P5	P4	2	1	P3	P2	P1	
3-6450170-9	D C B A	RM	RM	H H G G F F E E		RA	RM	RM	HD
3ACP + 8S + 2P									



TE RECOMMENDED PCB LAYOUT



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DIMENSIONS: INCHES

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

MATERIAL -
FINISH -

DWN R.GRZYBOWSKI 21FEB05
CHK M.PERCHERKE 21FEB05
APVD M.PERCHERKE -
PRODUCT SPEC 108-1973
APPLICATION SPEC 114-13038
WEIGHT -

TE Connectivity

NAME RIGHT ANGLE RECEPTACLE ASSEMBLY WITH GUIDES MULTI-BEAM XL

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A1	00779	C-6450170	-

CUSTOMER DRAWING

SCALE 4:1 SHEET 12 OF 13 REV J5

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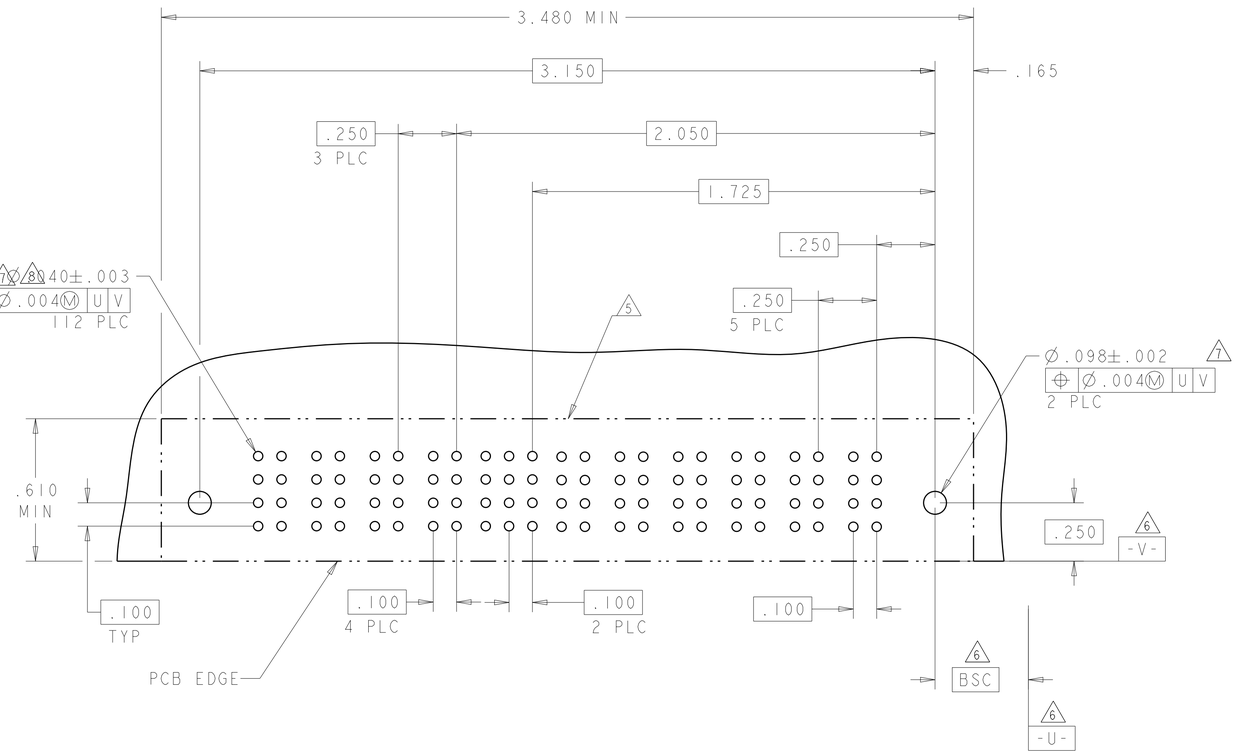
P	LTR	DESCRIPTION	DATE	DWN	APVD
	-	SEE SHEET 1	-	-	-

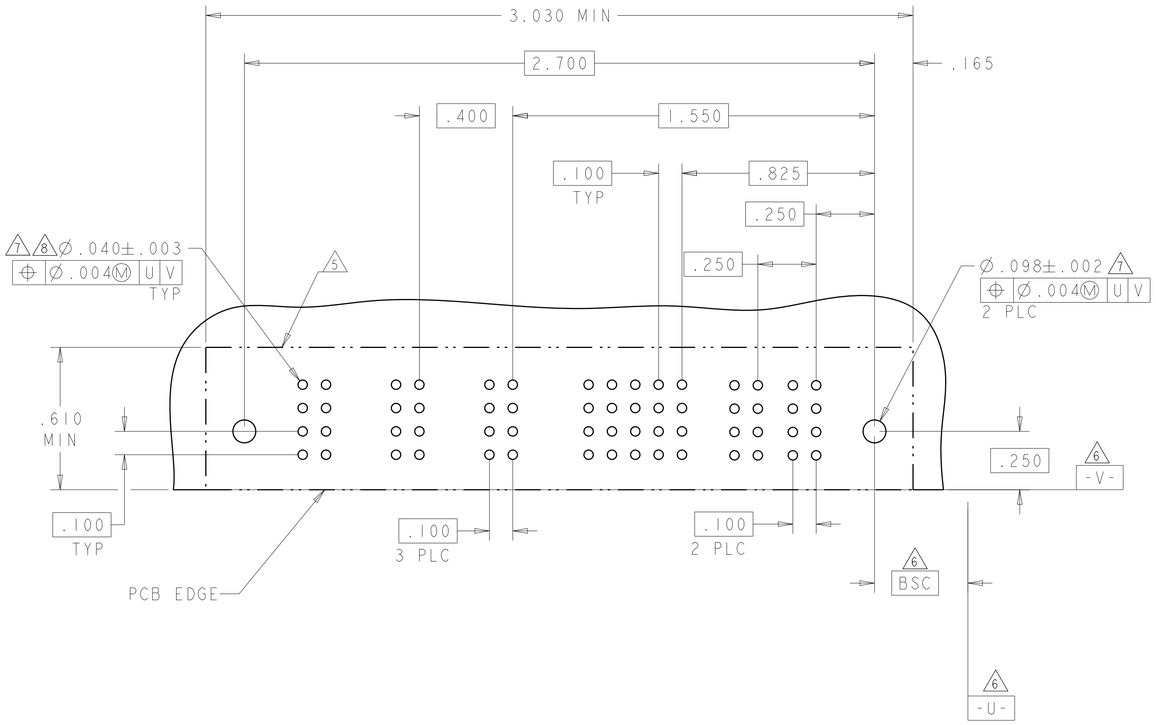
PART NUMBER	ROWS		POWER				SIGNAL			POWER						
			P10	P9	P8	P7	3	2	1	P6	P5	P4	P3	P2	P1	
4-6450170-0	D		RM	RM	RM	RM	H	H	H	RM	RM	RM	RM	RA	RA	
	C						G	G	G							
	B						F	F	F							
	A	HD					E	E	E							HD
6P + 12S + 4P																

PART NUMBER	ROWS		POWER						SIGNAL						POWER		
			P8	P7	P6	P5	P4	P3	6	5	4	3	2	1	P2	P1	
4-6450170-1	D		RM		RM		RA		H	H	H	H	H		RM	RM	
	C								G	G	G	G	G				
	B								F	F	F	F	F				
	A	HD							E	E	E	E	E				HD
2P + 24S + 6P																	

NO CONTACTS LOADED

NO CONTACTS LOADED





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

MATERIAL - -

FINISH - -

DWN R.GRZYBOWSKI 21FEB05
CHK M.PERCHERKE 21FEB05
APVD M.PERCHERKE -
PRODUCT SPEC 108-1973
APPLICATION SPEC 114-13038
WEIGHT -

CUSTOMER DRAWING

TE Connectivity

NAME RIGHT ANGLE RECEPTACLE ASSEMBLY WITH GUIDES MULTI-BEAM XL

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A1	00779	C-6450170	-

SCALE 4:1 SHEET 13 OF 13 REV J5

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