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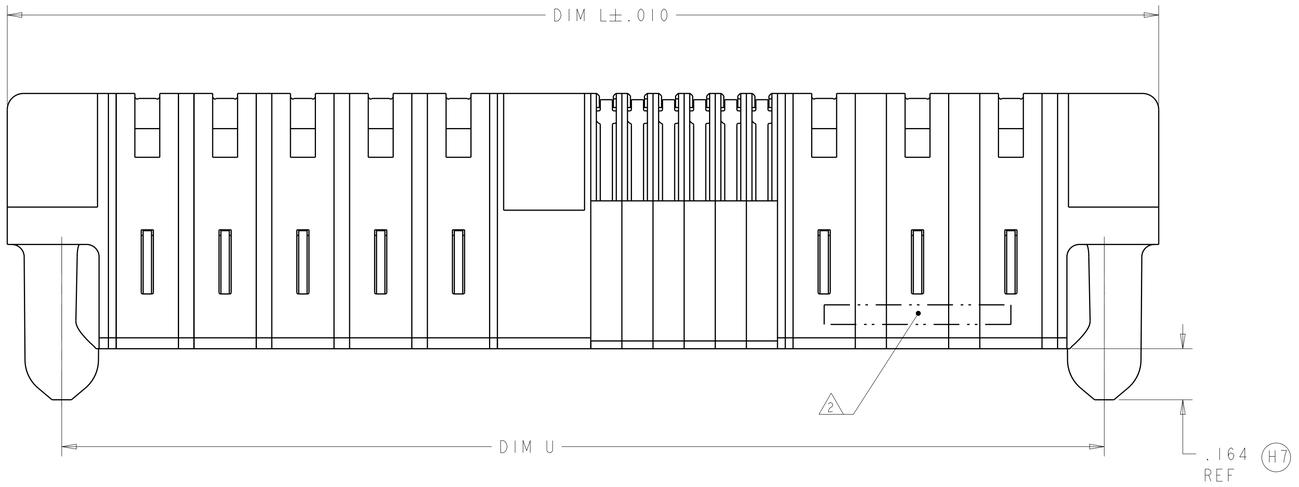
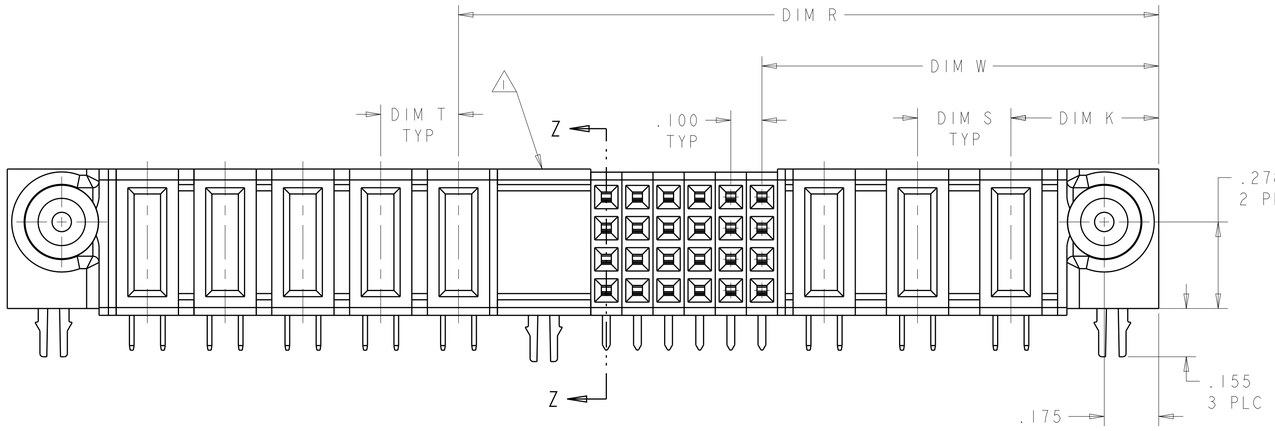
LOC	DIST
ES	00

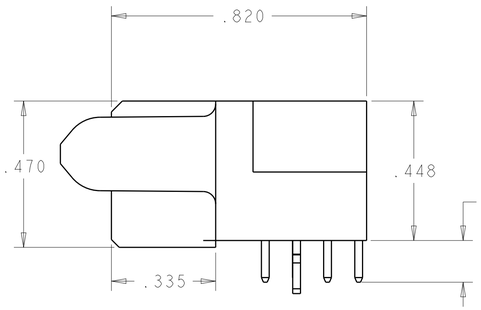
REVISIONS

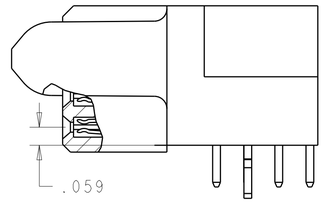
P	LTR	DESCRIPTION	DATE	DWN	APVD
	J1	REV PER ECR-12-016975	25SEP2012	CZ	SZ
	J3	ADDED NEW DASH NUMBER 4-0	01FEB2013	CZ	SZ
	J5	ADDED NEW DASH NUMBER 4-1	25FEB2014	CZ	SZ



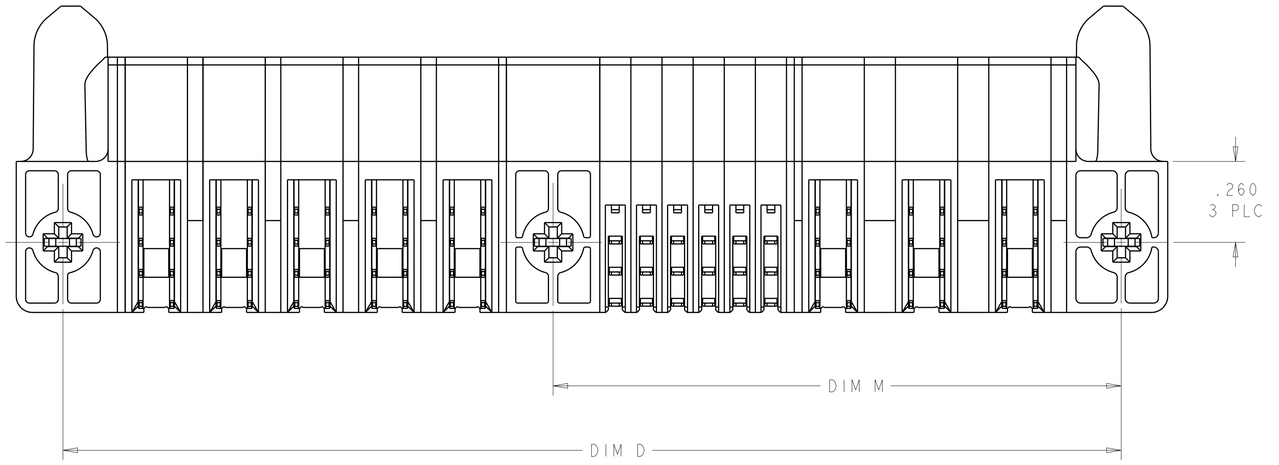
1. OPTIONAL CENTER MODULE, WITH .150 THRU HOLE OR HOLD DOWN FEATURE.
2. "AMP", PART NUMBER AND DATE CODE TO BE MARKED
3. MATERIAL: HOUSING - GLASS FILLED HIGH TEMP THERMO PLASTIC, UL94 V-O.
   SIGNAL CONTACT - HIGH CONDUCTIVITY COPPER ALLOY
   POWER CONTACT - HIGH CONDUCTIVITY COPPER ALLOY
4. CONTACT 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
		CHK M.PERCHERKE 21FEB05	
DIMENSIONS: INCHES	TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± 1 PLC ±. 2 PLC ±.01 3 PLC ±.005 4 PLC ±.0020 ANGLES ±2°	APVD M.PERCHERKE -	NAME RIGHT ANGLE RECEPTACLE ASSEMBLY WITH GUIDES MULTI-BEAM XL
		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	-	-	-

J4

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

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DIMENSIONS: INCHES

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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 2 OF 13 REV J5

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LOC	DIST
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REVISIONS

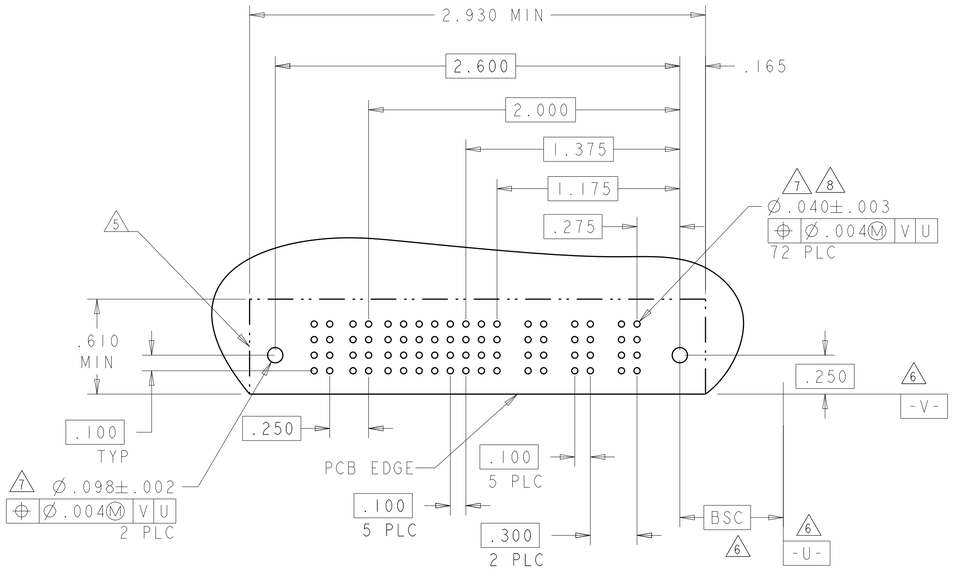
P	LTR	DESCRIPTION	DATE	DWN	APVD
	-	SEE SHEET 1	-	-	-

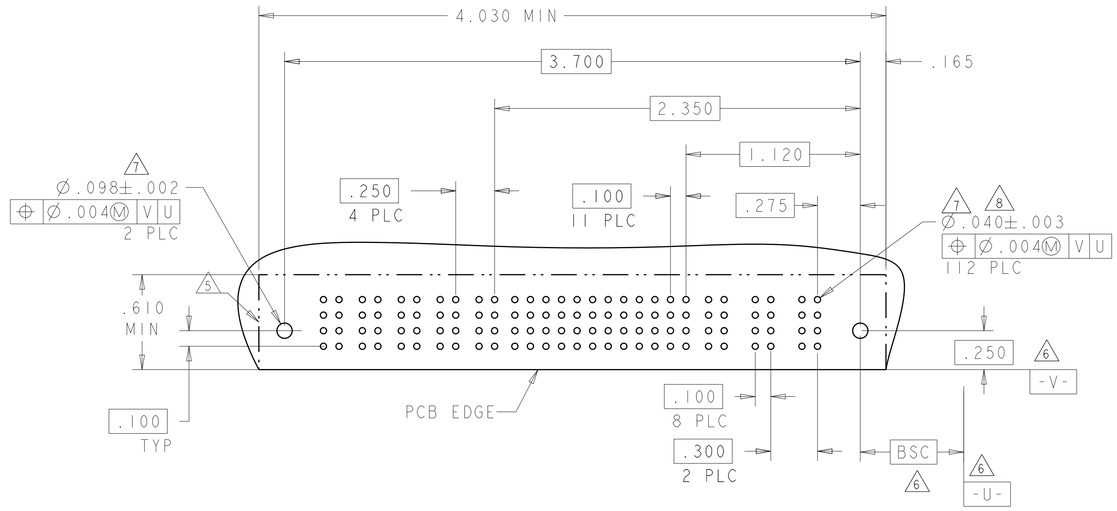
PART NUMBER	ROWS	POWER	SIGNAL	POWER
6450170-1	D C B A	P6 P5	6 5 4 3 2 1	P4 P3 P2 P1
3ACP + 1P + 24S + 2P	HD	RM RM	H H H H H H / G G G G G G / F F F F F F / E E E E E E	RM RA RM

NO CONTACT

.275 REF

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

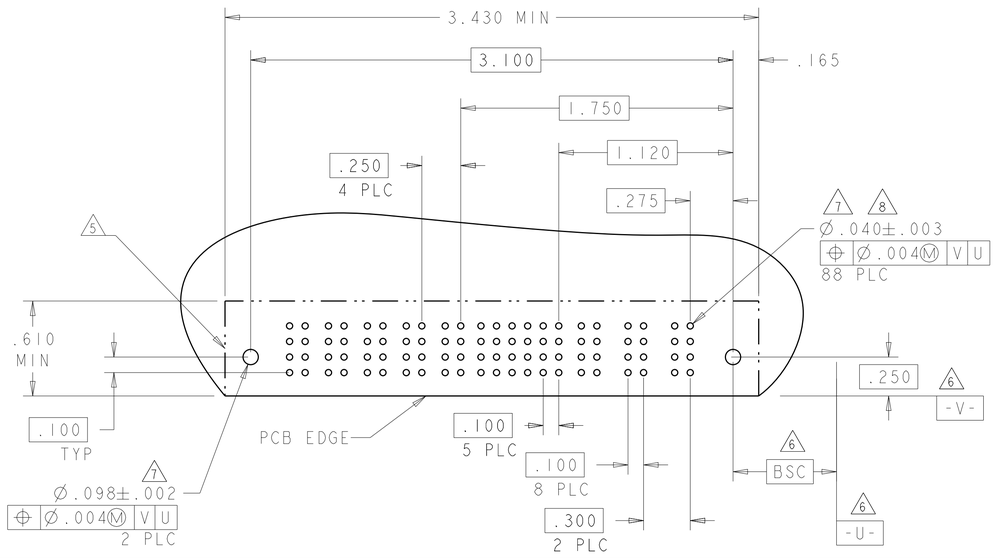


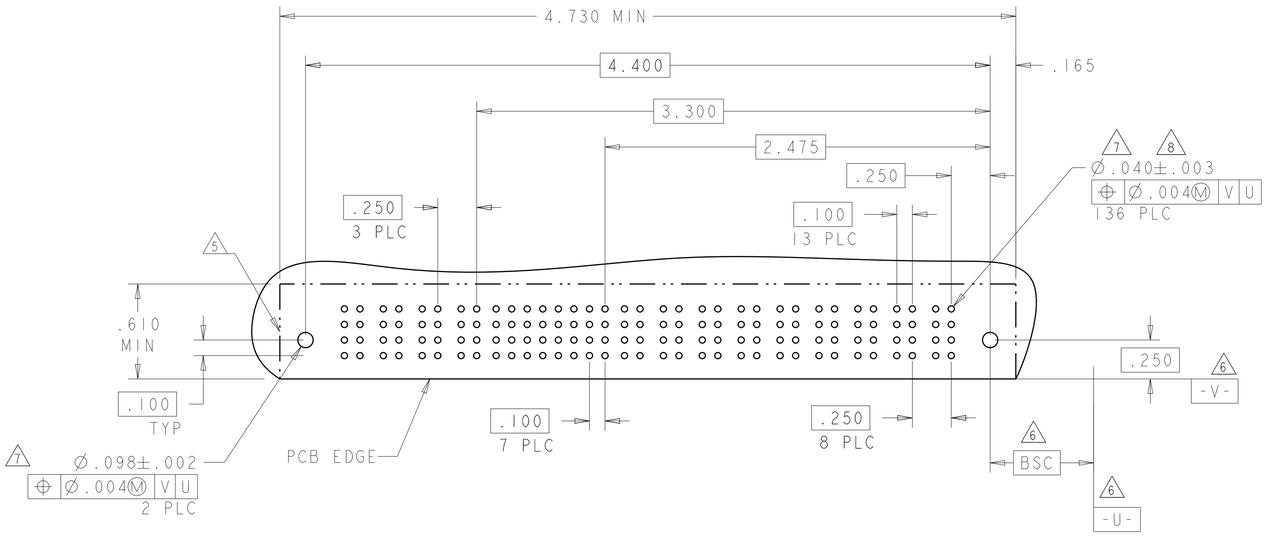


PART NUMBER	ROWS	POWER	SIGNAL	POWER
6450170-4	D C B A	P13 P12 P11 P10	8 7 6 5 4 3 2 1	P9 P8 P7 P6 P5 P4 P3 P2 P1
4P + 32S + 3P	HD	RM RM RA RM	H H H H H H H H / G G G G G G G G / F F F F F F F F / E E E E E E E E	RM RM RM RM RM RM RA RM

NO CONTACT

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





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 ±-
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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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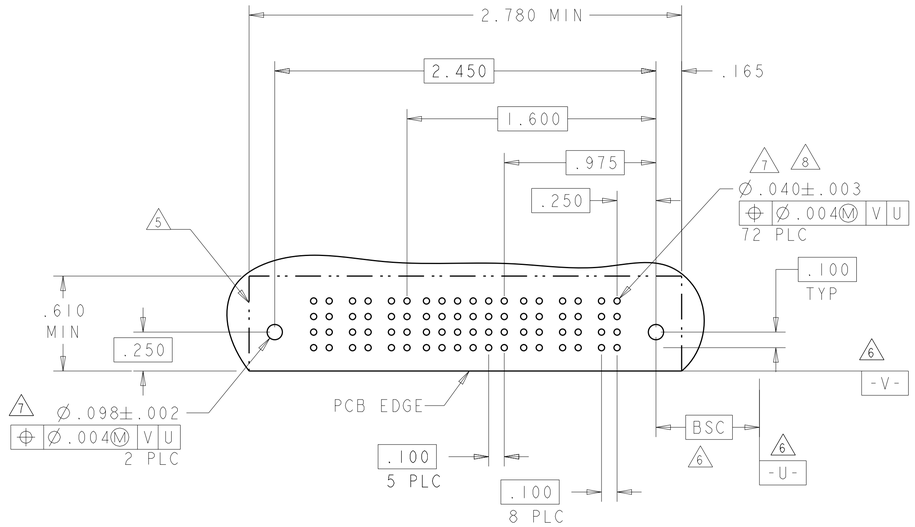
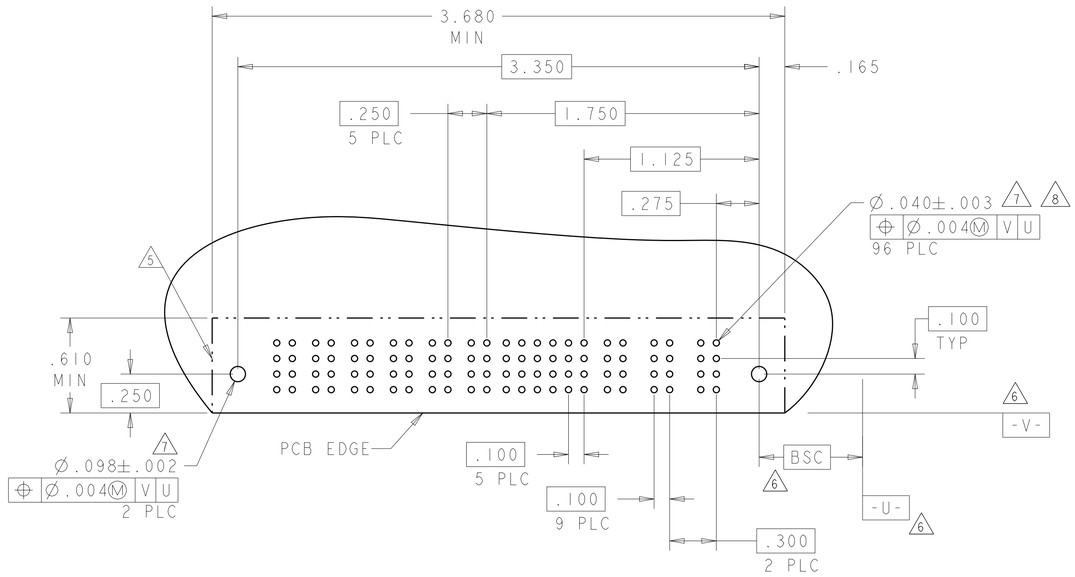
REVISIONS

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

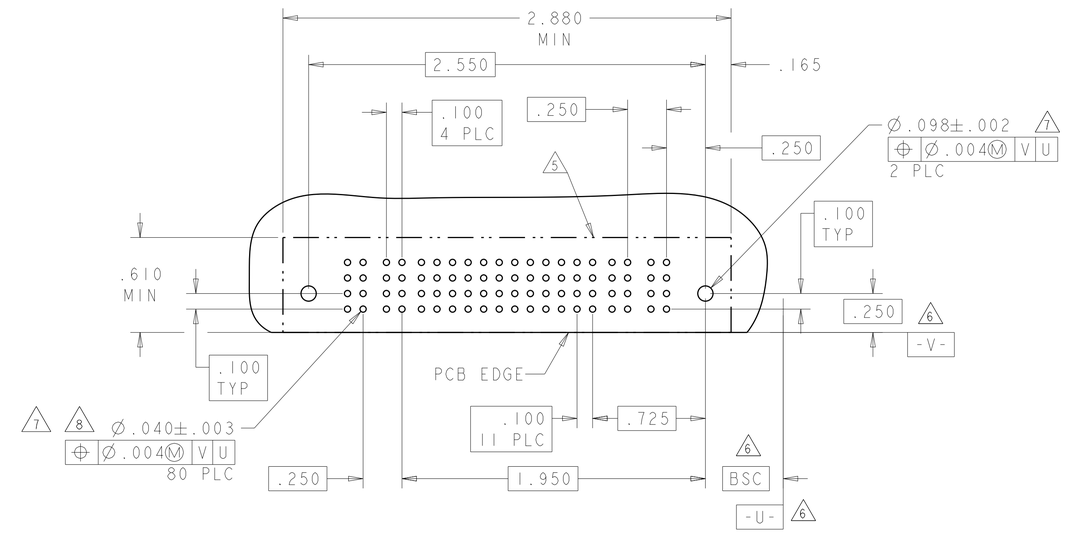
PART NUMBER	ROWS	POWER			SIGNAL						POWER		
		P6	P5	P4	6	5	4	3	2	1	P3	P2	P1
6450170-5	D C B A	RA	RM	RM	H G F E	H G F E	H G F E	H G F E	H G F E	H G F E	RM	RM	RA
3P + 24S + 3P		HD											HD



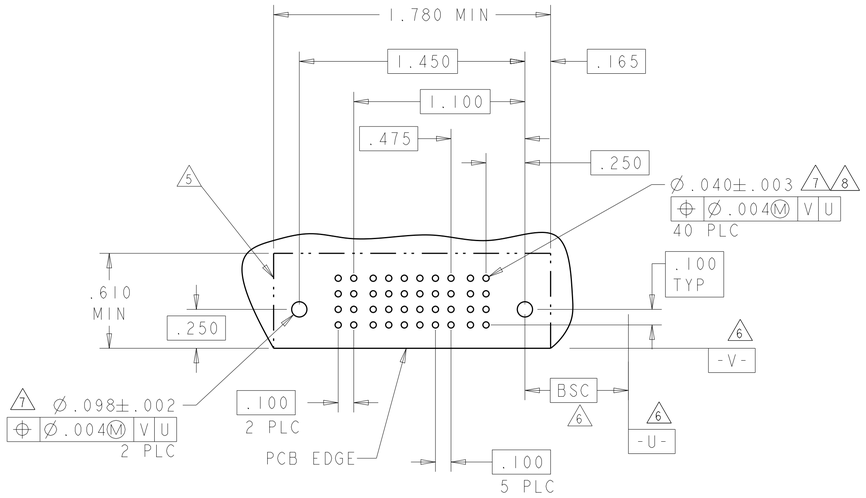
PART NUMBER	ROWS	POWER							SIGNAL						POWER		
		P9	P8	P7	P6	P5	P4		6	5	4	3	2	1	P3	P2	P1
6450170-8	D C B A	RM	RM	RM	RM	RM	RM		H G F E	H G F E	H G F E	H G F E	H G F E	H G F E	RA	RM	RM
3ACP + 24S + 6P								HD									HD



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	L K J	L K J	L K J	L K J	L K J	RN		
1P + 24S + 1P		HD									HD



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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	SHEET	OF	REV
4:1	4	13	J5

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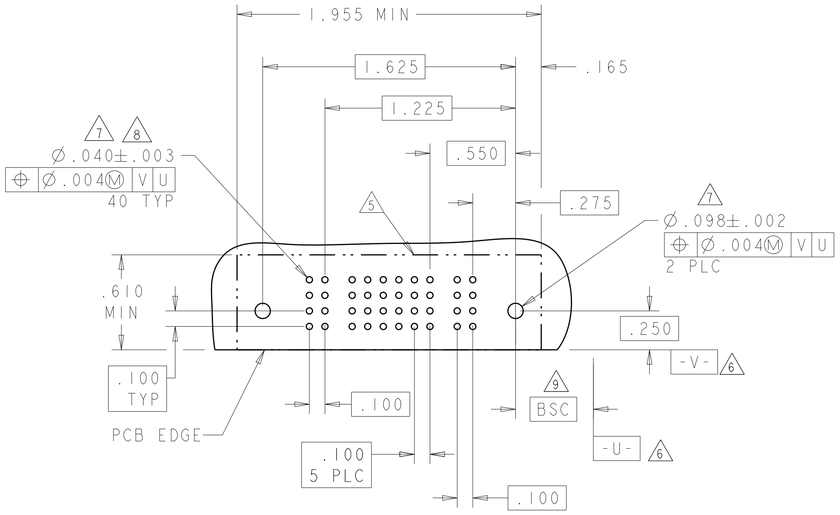
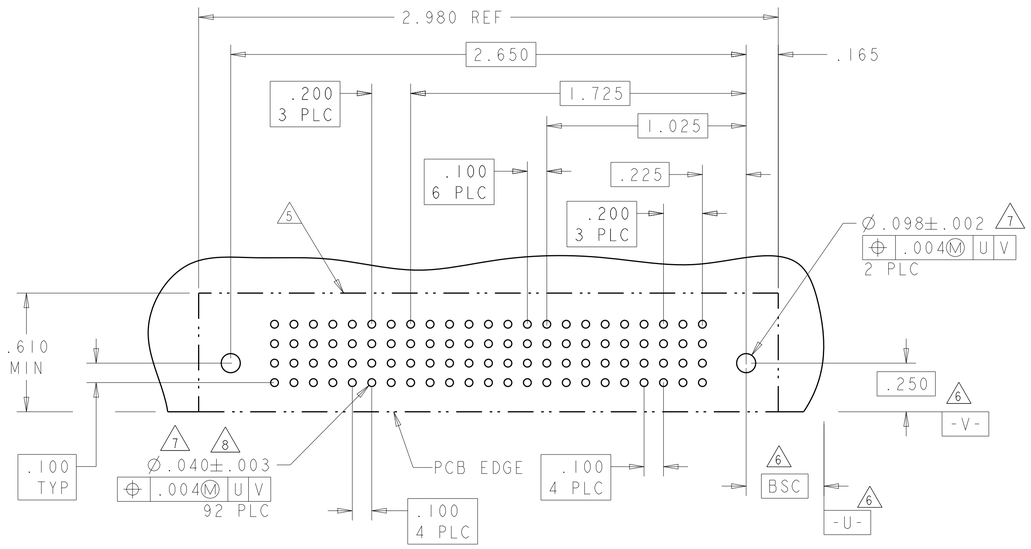
REVISIONS

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										

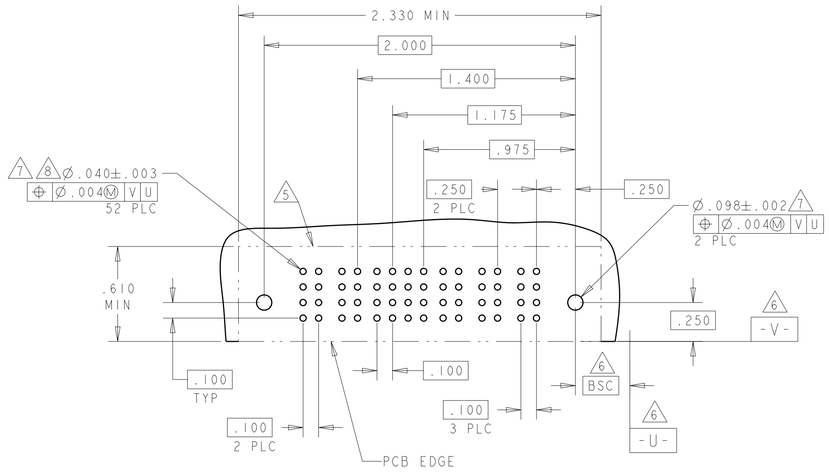


PART NUMBER	ROWS	POWER			SIGNAL							POWER			
		P8	P7	P6	P5	7	6	5	4	3	2	1	P4	P3	P2	P1
1-6450170-1	D C B A	RM	RM	RM	RM	H G F E	H G F E	H G F E	H G F E	H G F E	H G F E	H G F E	RM	RM	RM	RM
4P + 28S + 4P																



PART NUMBER	ROWS	POWER			SIGNAL							POWER			
		P8	P7	P6	P5	7	6	5	4	3	2	1	P4	P3	P2	P1
2-6450170-6	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	RA	RA	RA	RA
3P + 16S + 2P																

NO CONTACTS LOADED

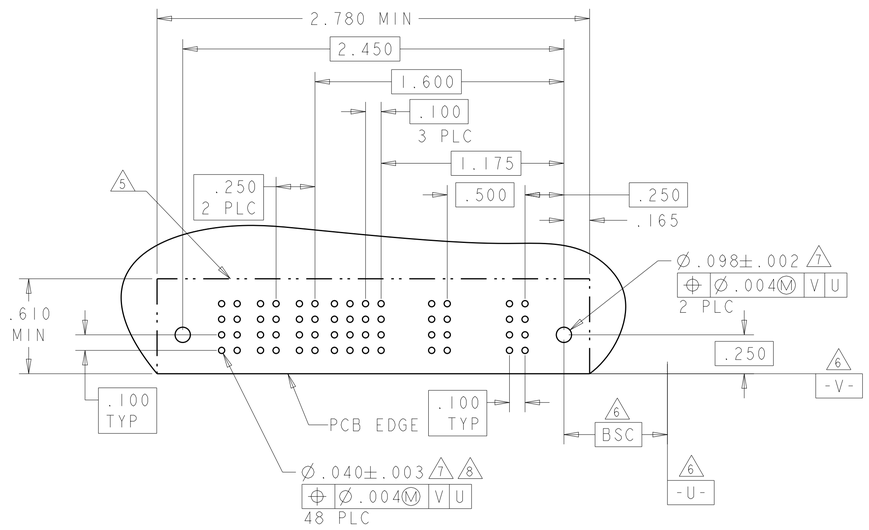


PART NUMBER	ROWS	POWER			SIGNAL							POWER			
		P6	P5	P4	6	5	4	3	2	1		P3	P2	P1	
2-6450170-7	D C B A	RM	RM	RA	H G F E	H G F E	H G F E	H G F E				RM	RM		HD
3P + 24S + 3P															

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 E	H G F E					RM	RM		HD
3P + 24S + 3P															

NO CONTACTS LOADED



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

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0 PLC ±
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4 PLC ±.0020
ANGLES ±2°

MATERIAL -
FINISH -

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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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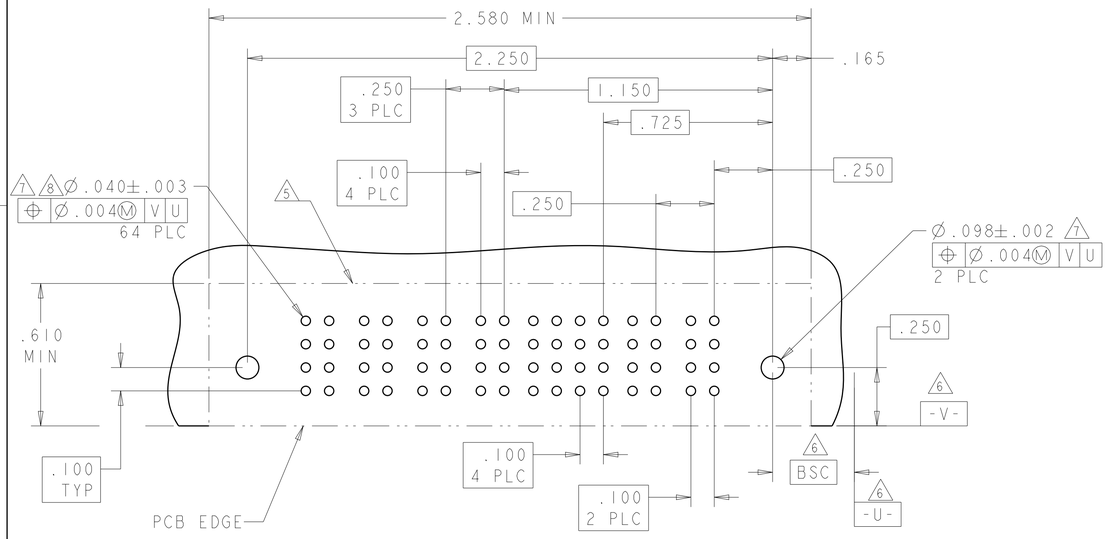
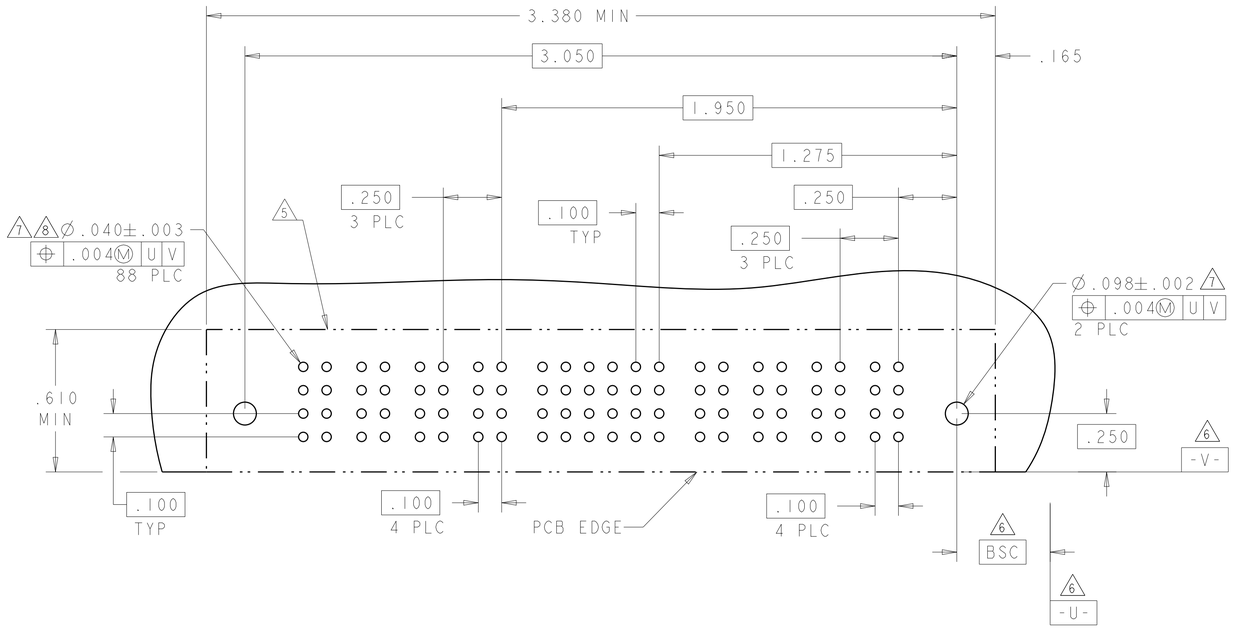
REVISIONS

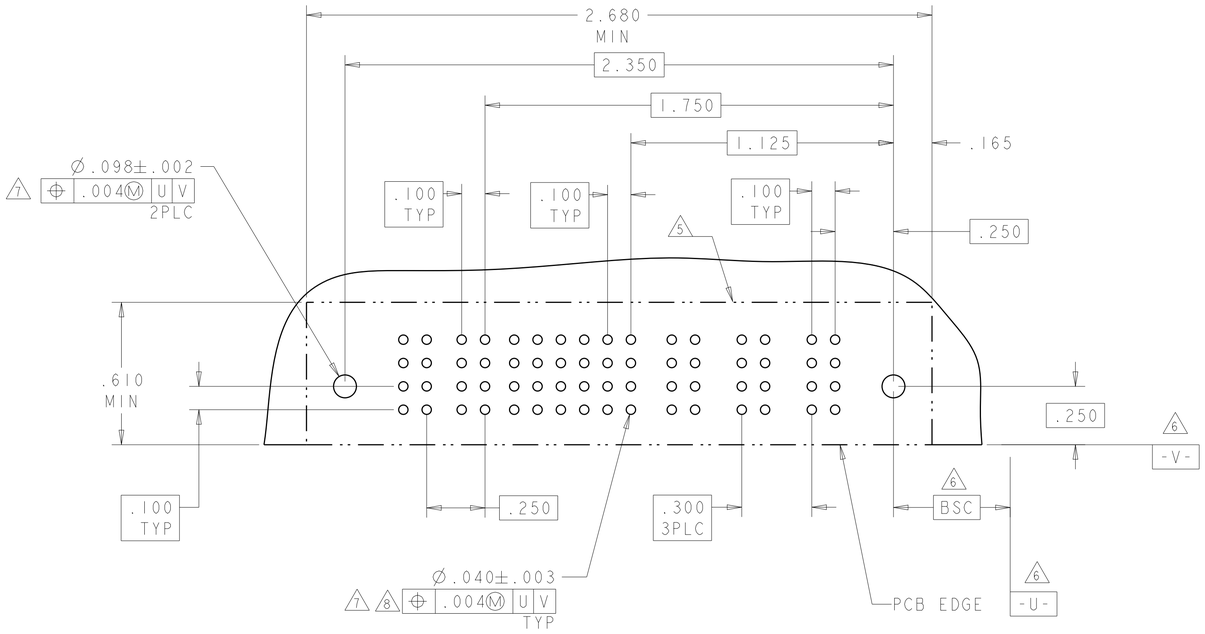
P	LTR	DESCRIPTION	DATE	DWN	APVD
	-	SEE SHEET 1	-	-	-

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



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





PART NUMBER	ROWS	POWER P5	POWER P4	SIGNAL 6	SIGNAL 5	SIGNAL 4	SIGNAL 3	SIGNAL 2	SIGNAL 1	AC POWER P3	AC POWER P2	AC POWER P1
2-6450170-8	D C B A	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
3ACP + 24S + 2P			HD									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 6 OF 13 | REV J5

4805 (3/11)

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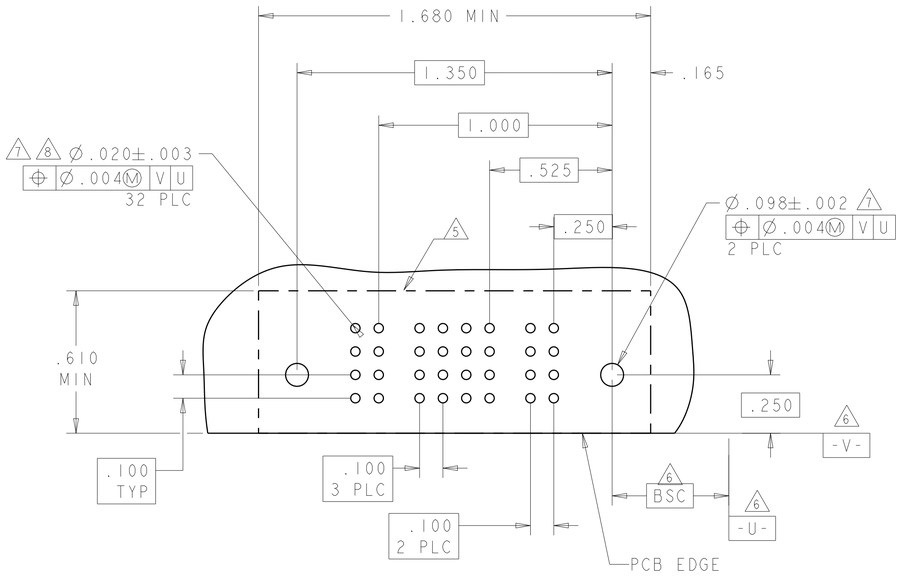
LOC	DIST
ES	00

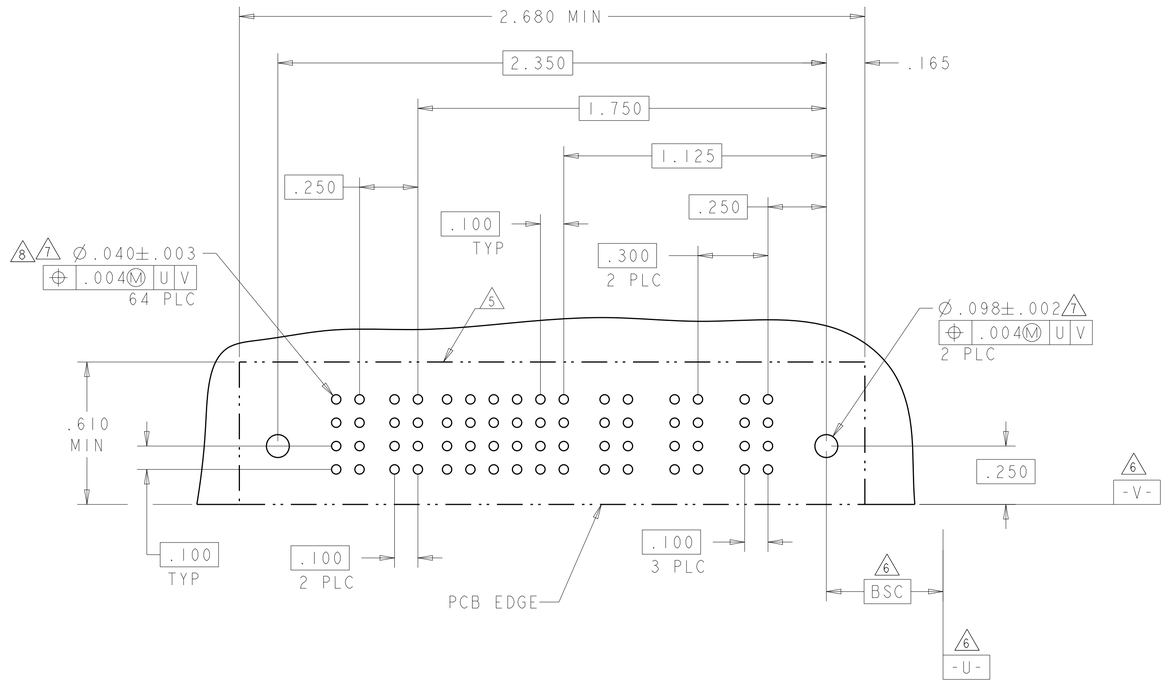
REVISIONS

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

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



PART NUMBER	ROWS		POWER		SIGNAL						AC POWER			
			P5	P4	6	5	4	3	2	1	P3	P2	P1	
3-6450170-0	D C B A	HD	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 + 2P														



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DIMENSIONS: INCHES

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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 7 OF 13 | REV J5

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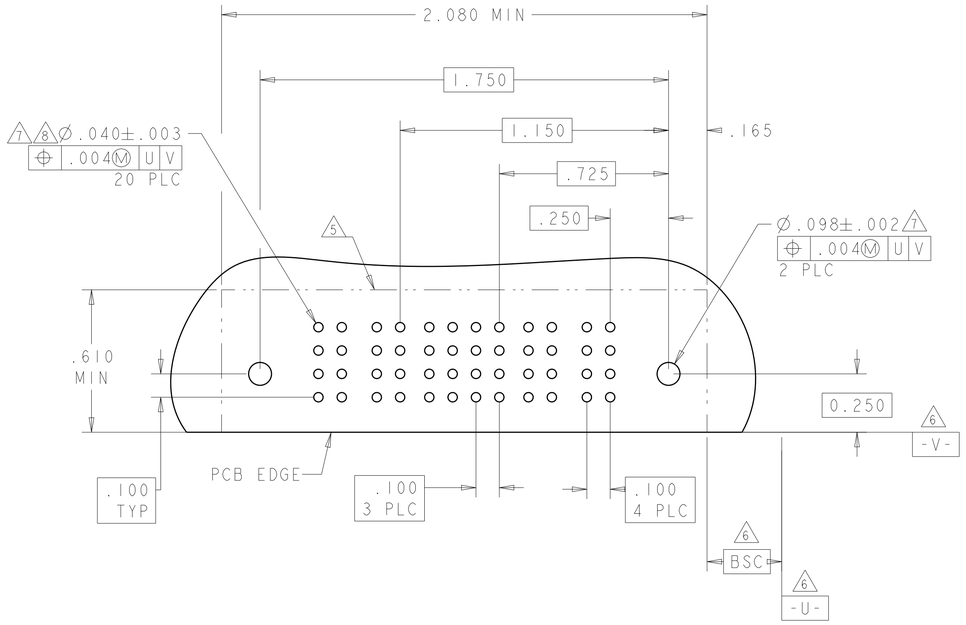
LOC	DIST
ES	00

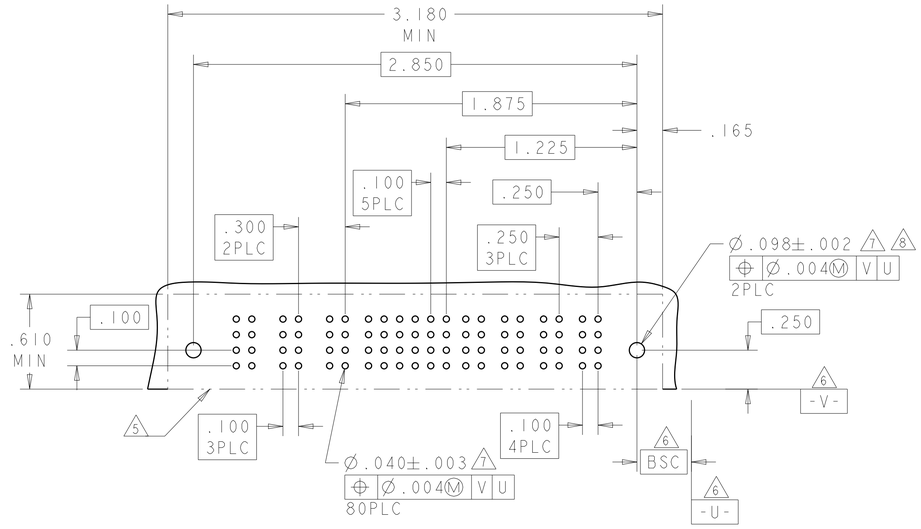
REVISIONS

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	-

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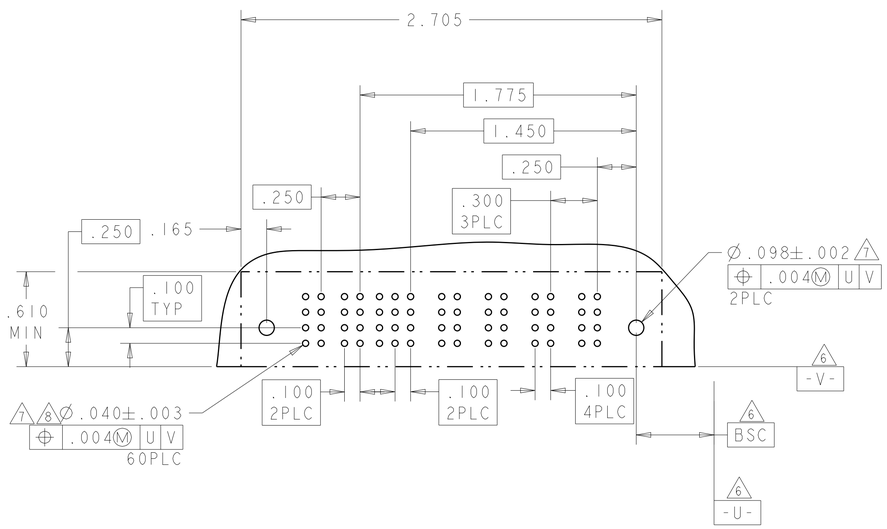
REVISIONS

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	
	CHK M.PERCHERKE 21FEB05		
DIMENSIONS: INCHES	APVD M.PERCHERKE -	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°	PRODUCT SPEC 108-1973		
	APPLICATION SPEC 114-13038	SIZE A1 / CAGE CODE 00779 / DRAWING NO C-6450170	RESTRICTED TO -
MATERIAL - -	WEIGHT -		
FINISH - -	CUSTOMER DRAWING	SCALE 4:1 / SHEET 9 OF 13	REV J5

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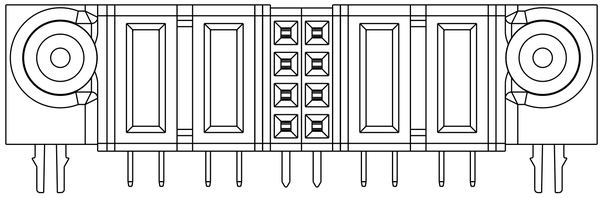
REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	-	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									



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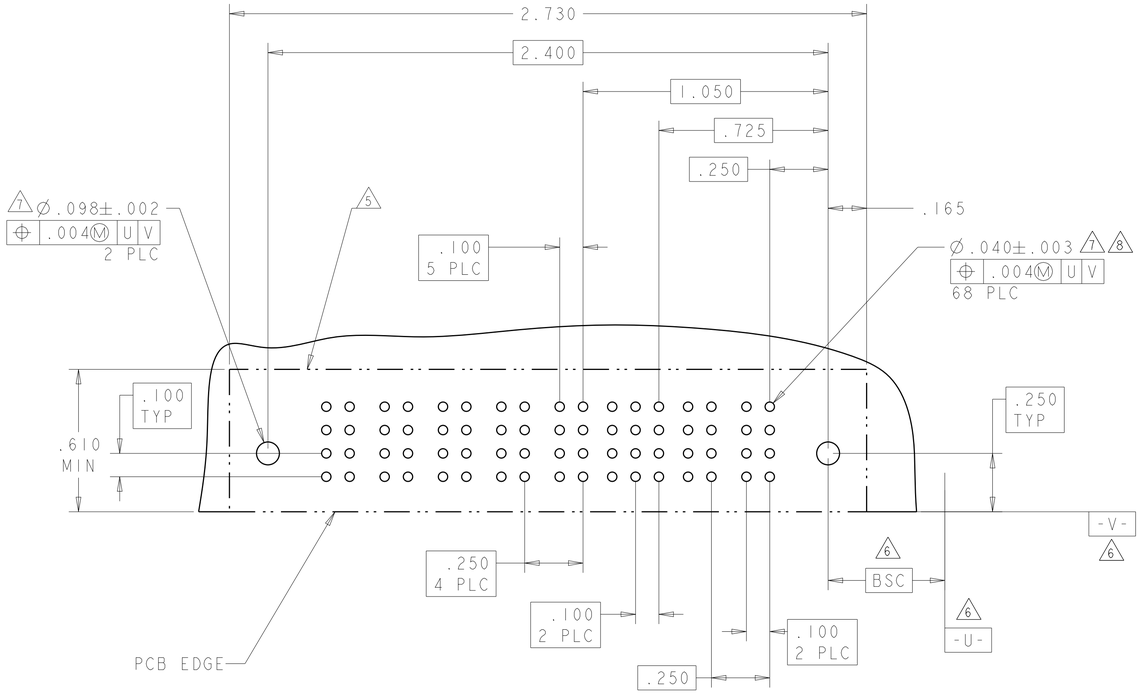

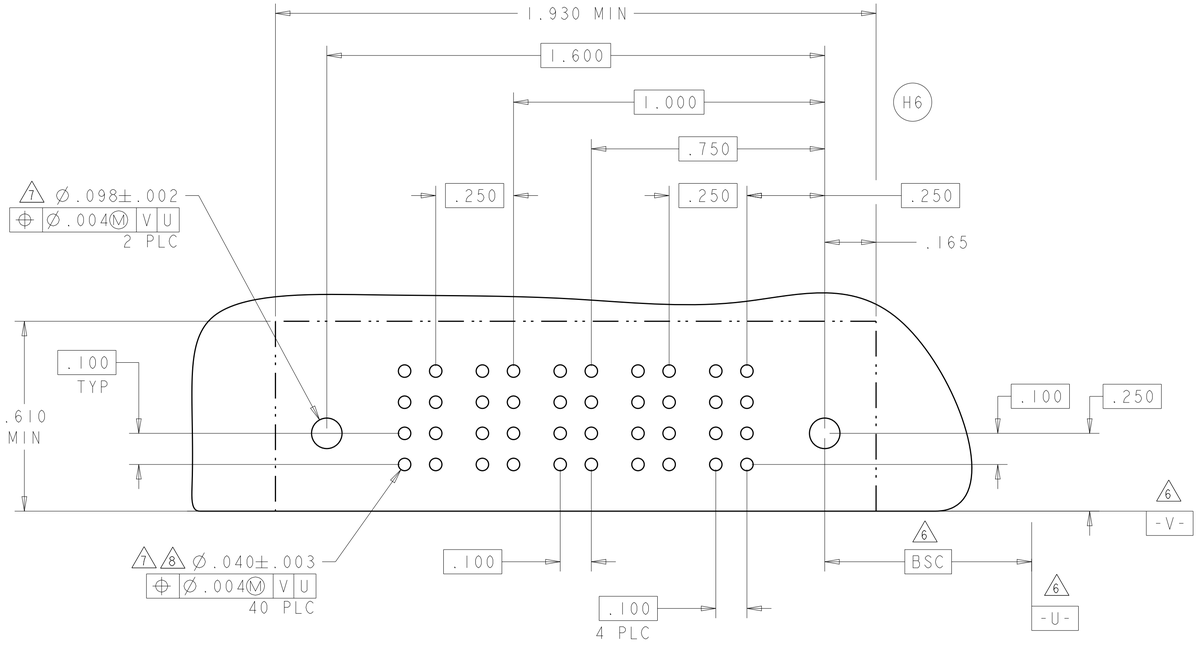

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DIMENSIONS: INCHES

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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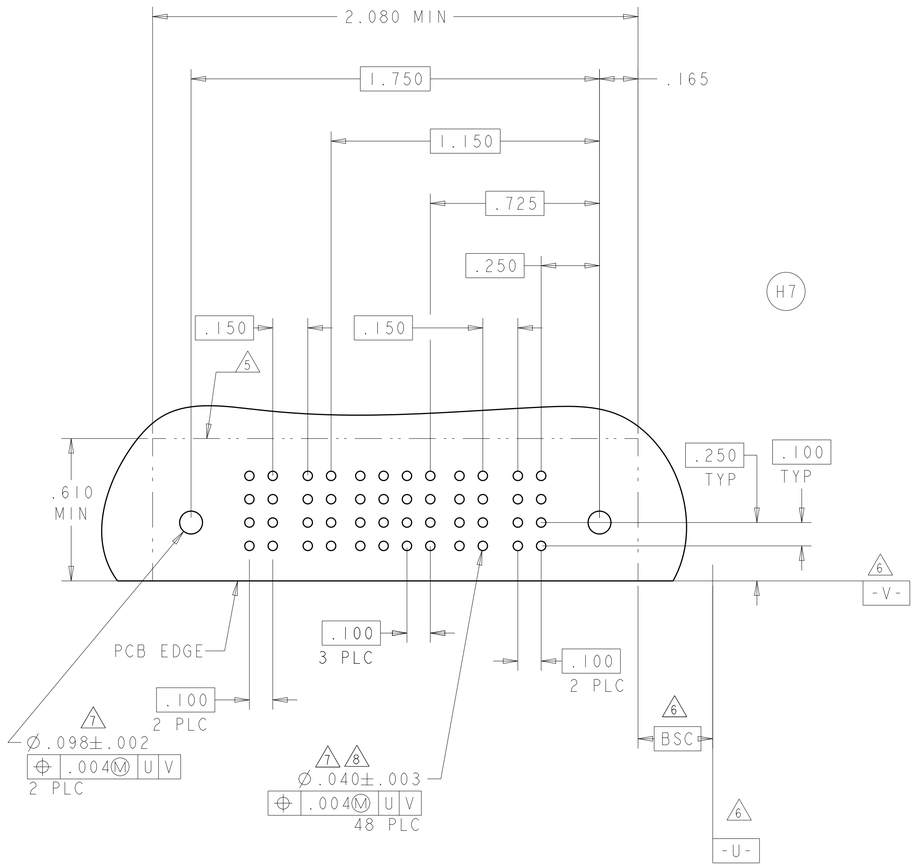
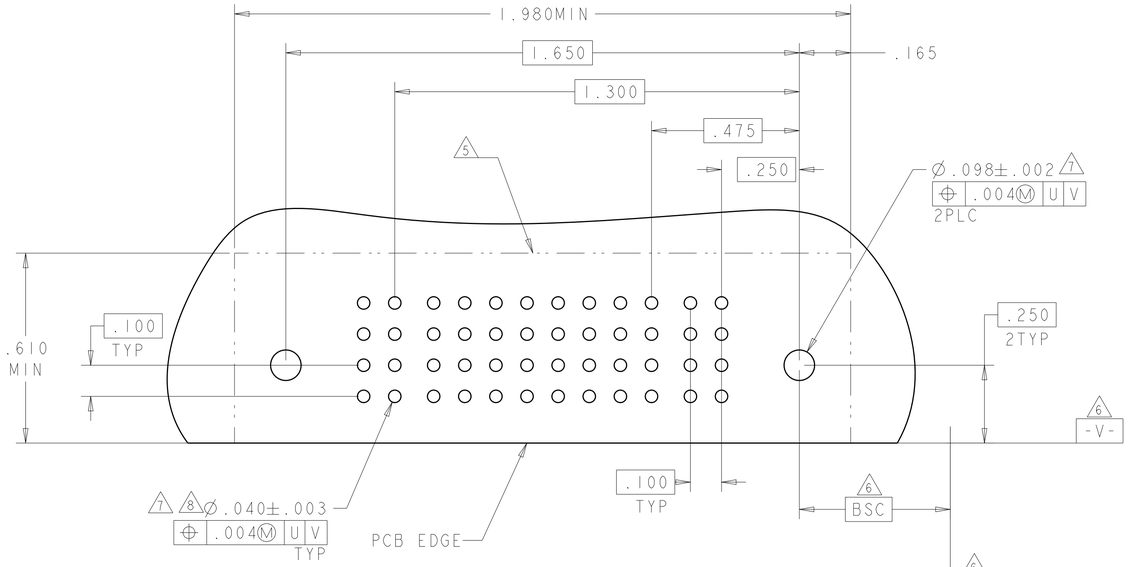
REVISIONS

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

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 -
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 11 OF 13 REV J5

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LOC	DIST
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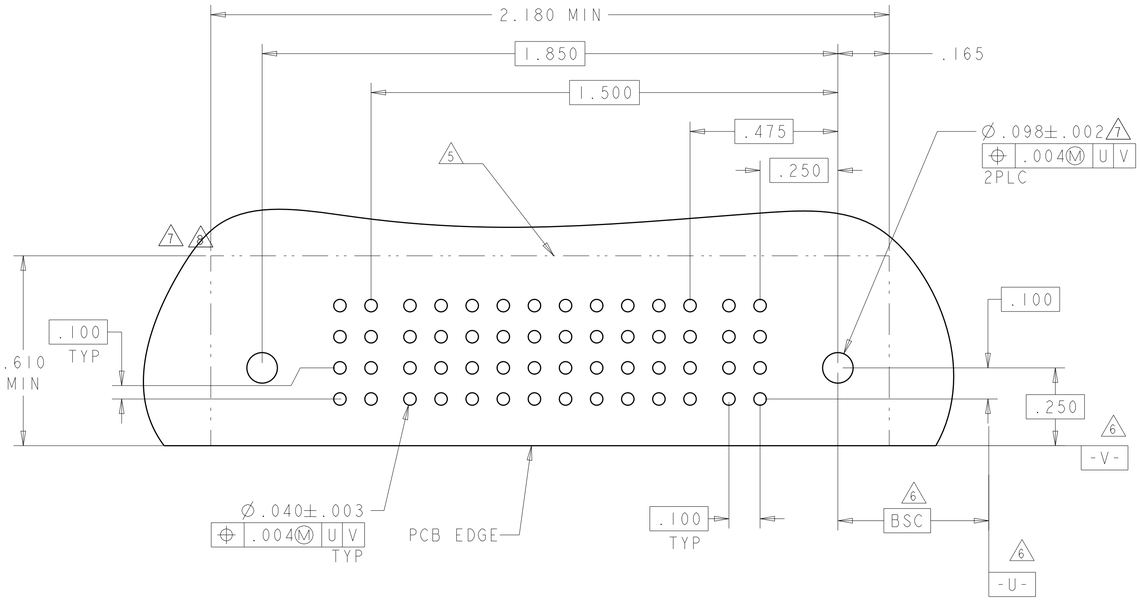
REVISIONS

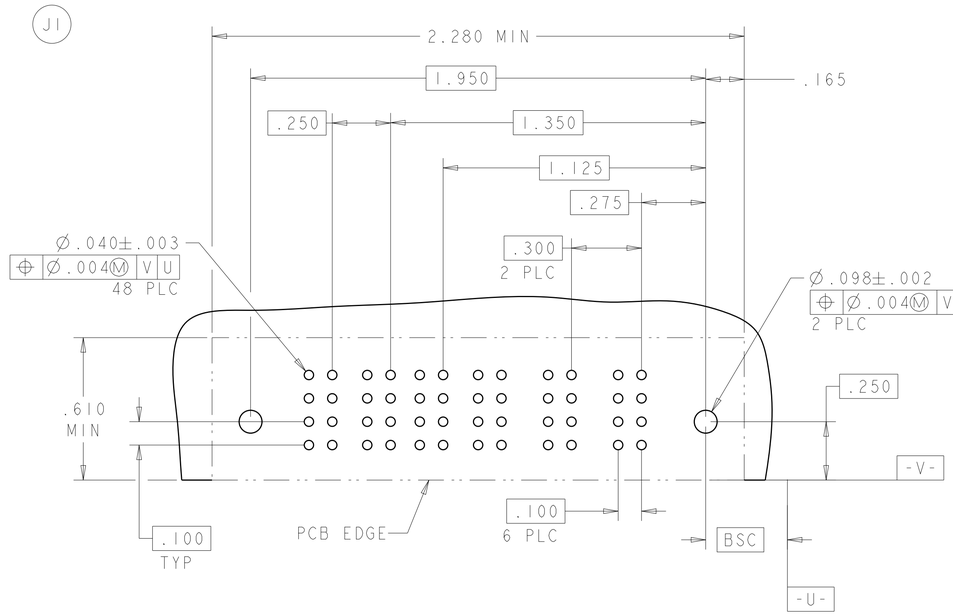
P	LTR	DESCRIPTION	DATE	DWN	APVD
	-	SEE SHEET 1	-	-	-

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

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



TE RECOMMENDED PCB LAYOUT



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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
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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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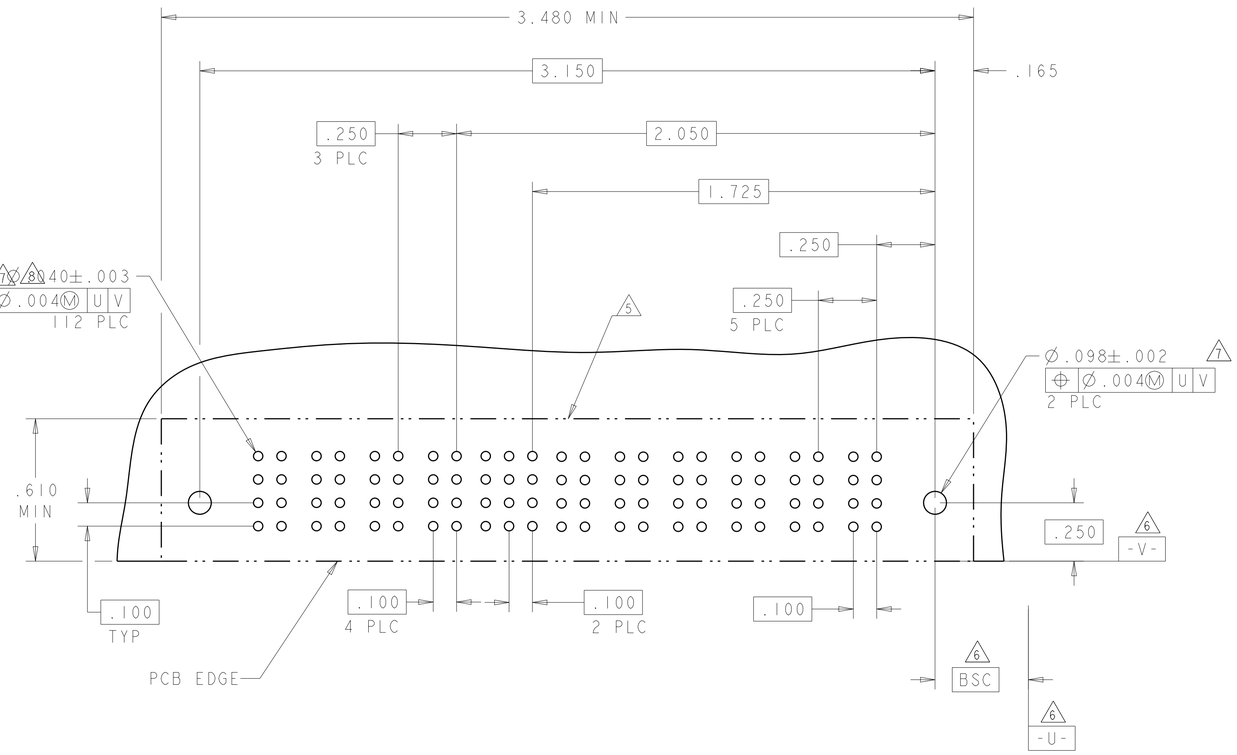
LOC	DIST
ES	00

REVISIONS

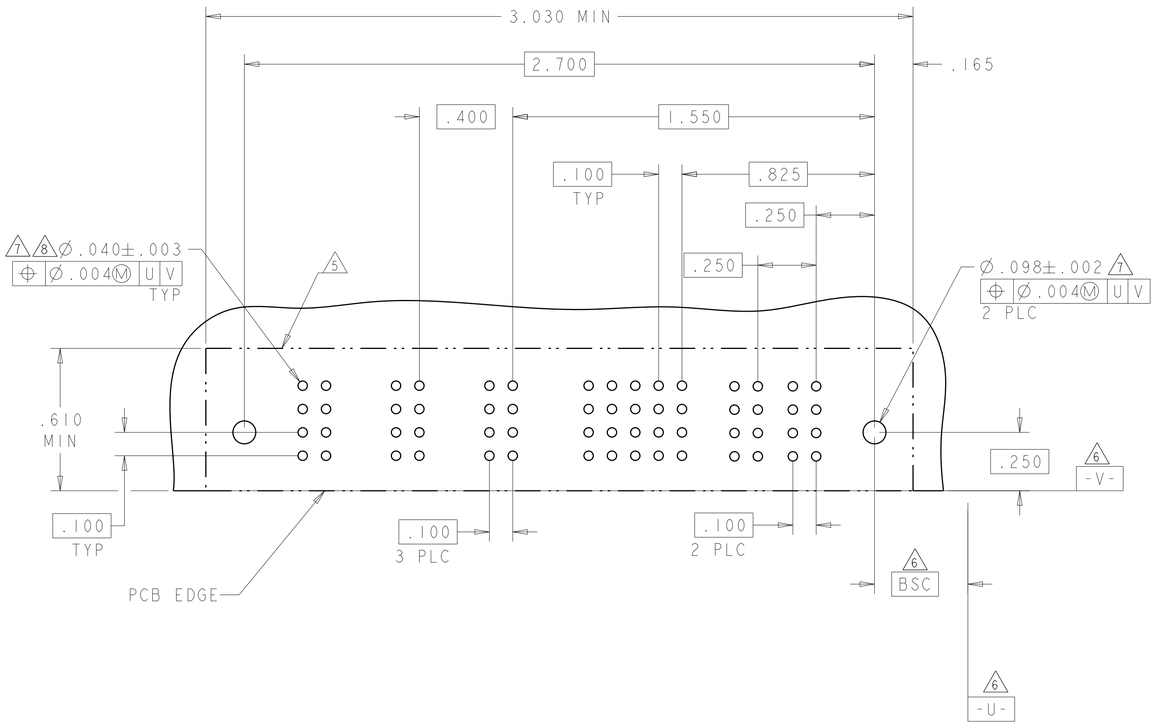
P	LTR	DESCRIPTION	DATE	DWN	APVD
	-	SEE SHEET 1	-	-	-

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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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 13 OF 13 | REV J5

Общество с ограниченной ответственностью «МосЧип» ИНН 7719860671 / КПП 771901001
Адрес: 105318, г.Москва, ул.Щербаковская д.3, офис 1107

Данный компонент на территории Российской Федерации

Вы можете приобрести в компании MosChip.

Для оперативного оформления запроса Вам необходимо перейти по данной ссылке:

http://moschip.ru/get-element

Вы можете разместить у нас заказ для любого Вашего проекта, будь то серийное производство или разработка единичного прибора.

В нашем ассортименте представлены ведущие мировые производители активных и пассивных электронных компонентов.

Нашей специализацией является поставка электронной компонентной базы двойного назначения, продукции таких производителей как XILINX, Intel (ex.ALTERA), Vicor, Microchip, Texas Instruments, Analog Devices, Mini-Circuits, Amphenol, Glenair.

Сотрудничество с глобальными дистрибьюторами электронных компонентов, предоставляет возможность заказывать и получать с международных складов практически любой перечень компонентов в оптимальные для Вас сроки.

На всех этапах разработки и производства наши партнеры могут получить квалифицированную поддержку опытных инженеров.

Система менеджмента качества компании отвечает требованиям в соответствии с ГОСТ Р ИСО 9001, ГОСТ РВ 0015-002 и ЭС РД 009

Офис по работе с юридическими лицами:

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