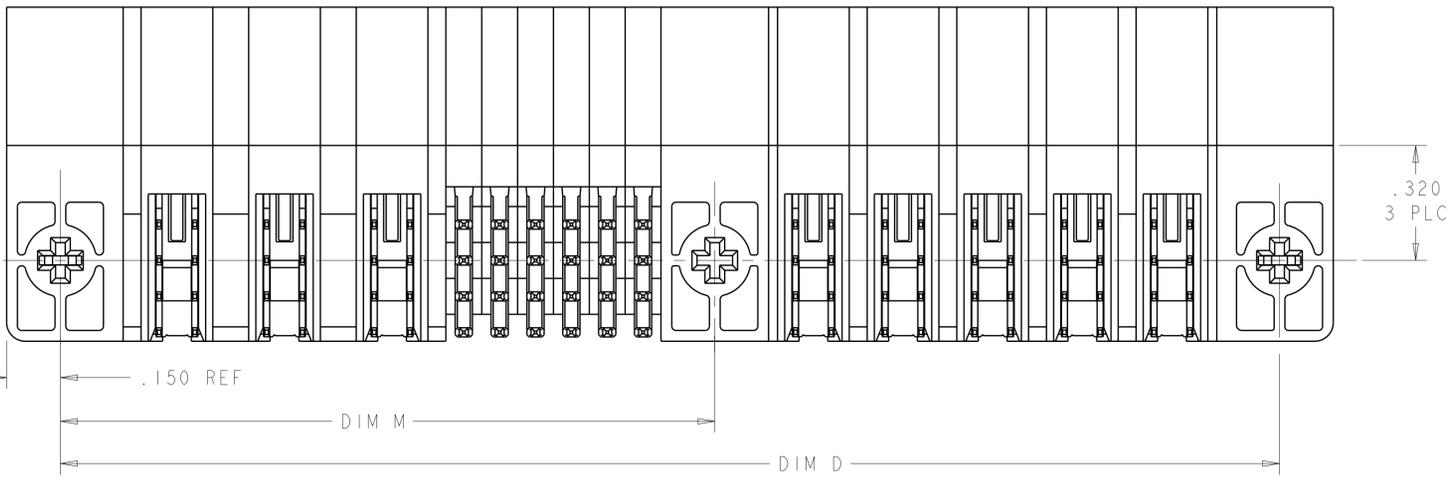
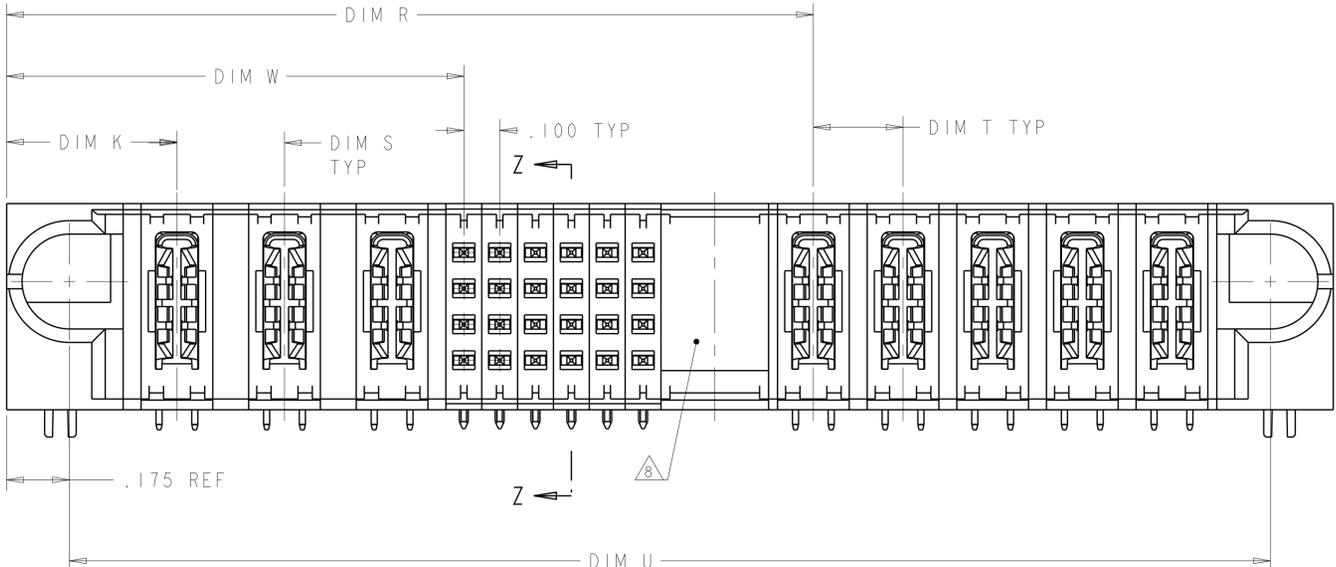
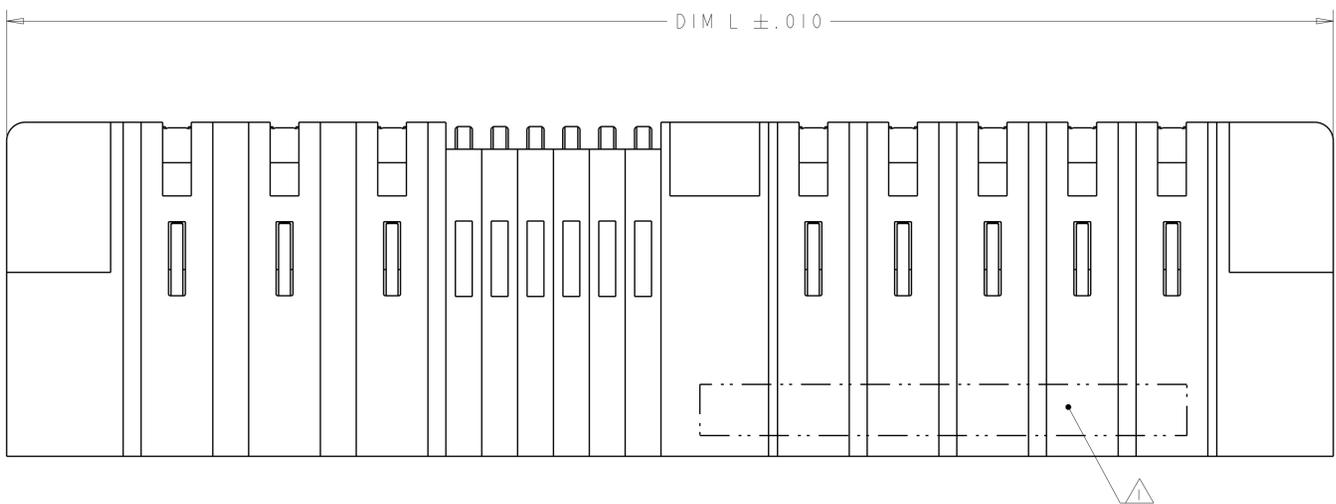
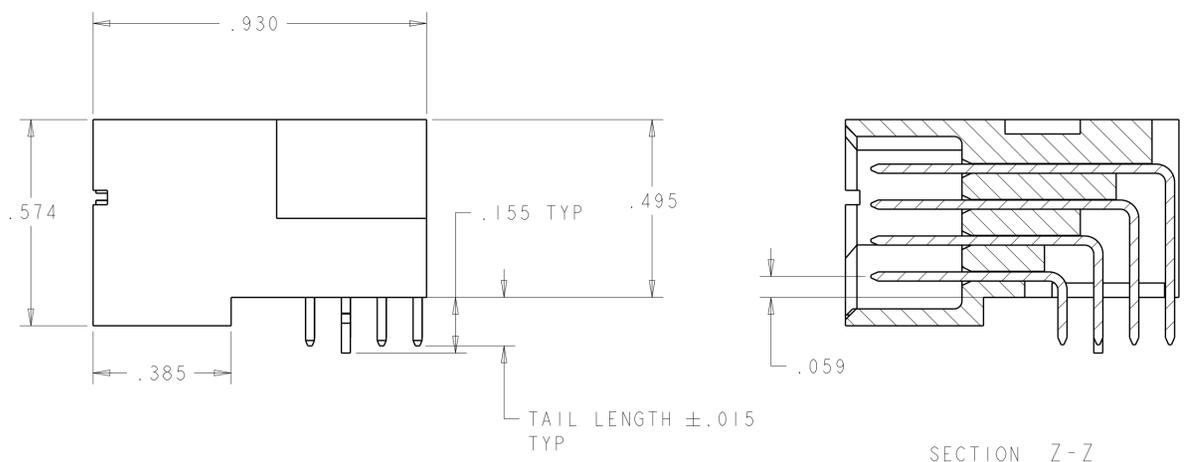


LOC	DIST	REVISIONS					
		P	LTN	DESCRIPTION	DATE	DWN	APVD
ES	00	M1		ADD NEW DASH NUMBER 7-0	08FEB2014	AL	SZ
		M2		ADD NEW DASH NUMBER	21MAR2014	AL	SZ



- 1 "AMP" PART NUMBER AND DATE CODE TO BE MARKED IN AREA SHOWN. PARTS UNDER 2.500 LONG MAY BE MARKED ON BOTH SIDES.
- 2 MATERIAL: HOUSING - GLASS FILLED HIGH TEMP THERMO PLASTIC, UL 94 V-0
 SIGNAL CONTACT - COPPER ALLOY
 POWER CONTACT - HIGH CONDUCTIVITY COPPER ALLOY.
- 3 CONTACT FINISHE:
 NOBLE METAL PLATED ON THE CONTACT FUNCTIONAL AREA OF POWER AND SIGNAL CONTACTS.
- 4 MECHANICAL CONNECTOR KEEP OUT ZONE. WHEN PLACING CONNECTORS END-TO-END, ALLOW ADDITIONAL 0.1 CLEARANCE BETWEEN CONNECTORS FOR LATCH ACTIVATION.
- 5 DATUM AND BASIC DIMENSIONS ESTABLISHED BY CUSTOMER.
- 6 PCB - ALL HOLE DIAMETERS ARE FINISHED HOLE SIZES.
- 7 PCB - .0453±.0010 DRILLED HOLES PLATED WITH .0003 MIN Sn OVER .001 TO .003 Cu PLATING TO ACHIEVE A .040 DIA HOLE.
- 8 OPTIONAL CENTER MODULE WITH Ø.150 THRU HOLE OR HOLD DOWN FEATURE.



THIS DRAWING IS A CONTROLLED DOCUMENT.

DWN: R.GRZYBOWSKI 02FEB05
 CHK: M.PERCHEKKE 02FEB05
 APVD: M.PERCHEKKE 02FEB05

STE TE Connectivity

NAME: RIGHT ANGLE HEADER W/GUIDES ASSEMBLY MULTI-BEAM XL

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

SIZE: CAGE CODE DRAWING NO: A100779C=6450120
 RESTRICTED TO: -

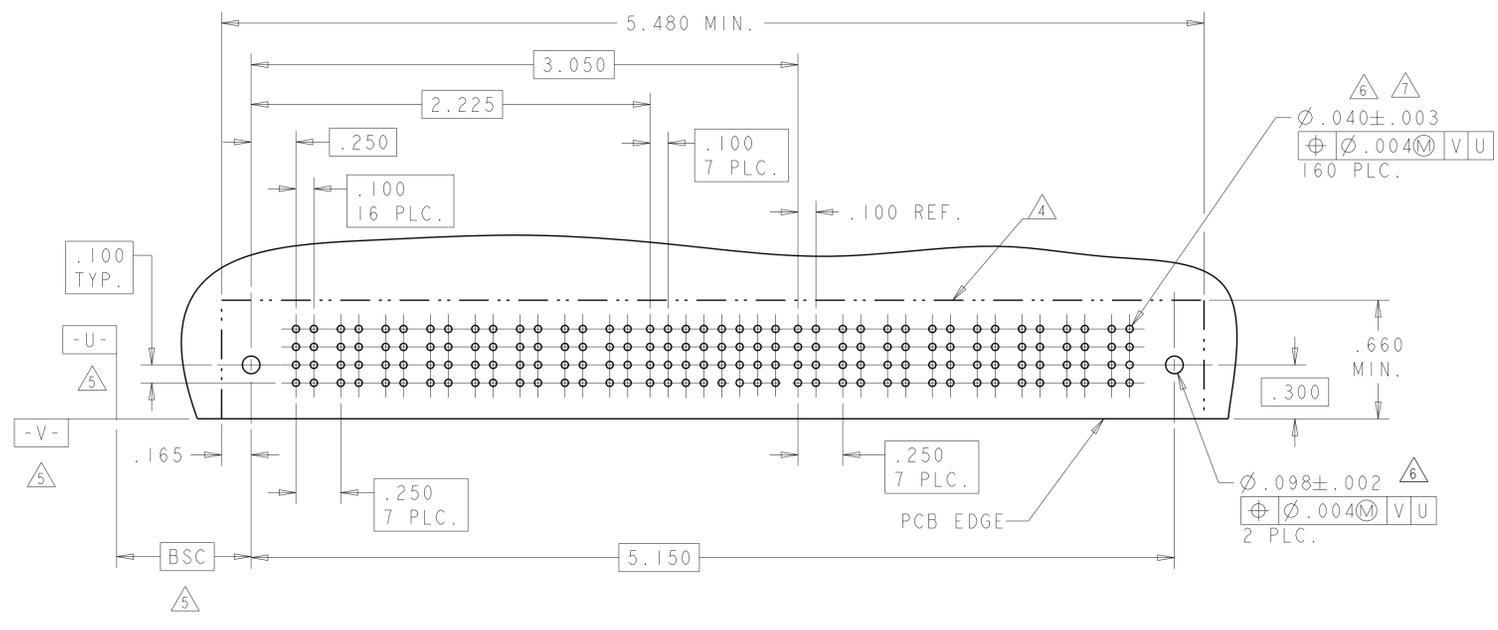
WEIGHT: -

CUSTOMER DRAWING

SCALE: 4:1 SHEET 1 OF 24 REV: M2

LOC	DIST	REVISIONS					
ES	00	P	LTN	DESCRIPTION	DATE	OWN	APVD
		-		SEE SHEET 1			

PART NUMBER	ROWS	POWER							SIGNAL								POWER												
		P1	P2	P3	P4	P5	P6	P7	P8	1	2	3	4	5	6	7	8	P9	P10	P11	P12	P13	P14	P15	P16				
6450120-1	D C B A	PM	PM	PM	PM	PM	PM	PM	J	J	J	J	J	J	J	J	PM	PM	PM	PM	PM	PM	PM	PM					
									K	K	K	K	K	K	K	K													
									S	S	S	S	S	S	S	S													
8P + 32S + 8P																													



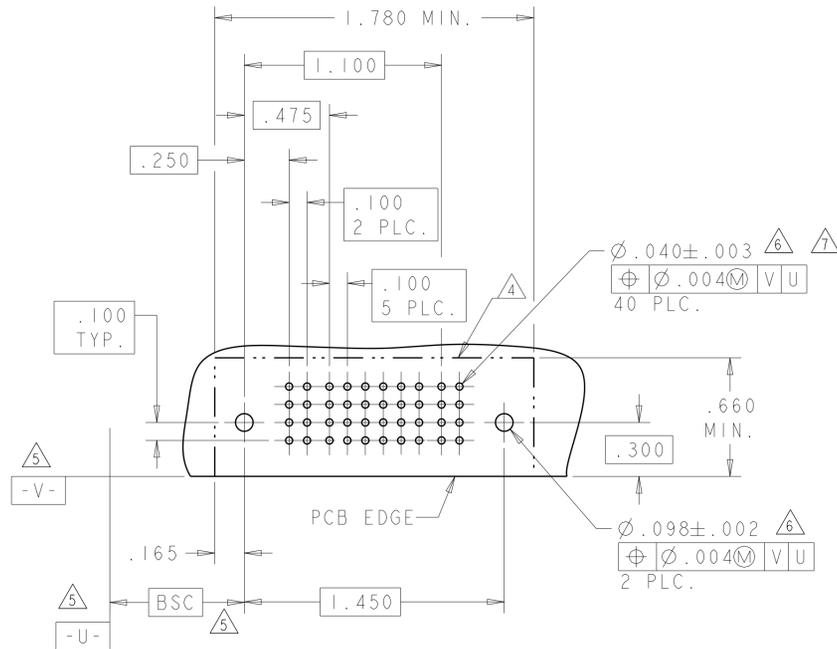
M2	1.700	.250	.250	1.300	.875	1.750	-	2.050	.450	2P+16S+2P	7-6450120-1
	2.700	.200	-	2.600	1.425	2.750	-	3.050	.450	5P + 44S + 1P	7-6450120-0
	1.100	-	-	1.000	.625	1.150	-	1.450	.450	1P+12S+1P	6-6450120-9
	1.000	-	-	.900	.625	1.050	-	1.350	.450	1P + 8S + 1P	6-6450120-8
	2.850	.300	.200	2.125	1.825	2.900	-	3.200	.450	7HDP + 8S + 3ACP	6-6450120-7
	2.650	.250	.200	1.550	.875	2.700	-	3.000	.450	2P + 24S + 6P	6-6450120-6
	2.300	.300	.250	1.950	1.275	2.350	-	2.650	.475	3ACP + 24S + 2P	6-6450120-5
	3.100	.250	.250	2.250	1.875	3.150	-	3.450	.450	6P + 12S + 4P	6-6450120-4
	2.400	.250	.250	1.800	1.125	2.450	-	2.750	.475	3P + 24S + 3P	6-6450120-1
	3.000	.300	.250	1.650	1.325	3.050	-	3.350	.475	3ACP + 8S + 6P	6-6450120-0
	1.900	.300	.250	1.550	1.275	1.950	-	2.250	.475	3ACP + 8S + 2P	5-6450120-9
	2.800	-	-	-	0.375	2.850	-	3.150	-	100S	5-6450120-8
	2.700	.250	.250	2.100	1.125	2.750	-	3.050	.450	3P + 36S + 3P	5-6450120-7
	1.100	-	-	1.000	.625	1.150	-	1.450	.450	1P + 12S + 1P	5-6450120-6
	3.250	.300	.250	2.525	2.175	3.300	-	3.600	.450	7P + 8S + 3ACP	5-6450120-5
	2.400	.250	.250	1.550	.875	2.450	-	2.750	.450	2P + 24S + 4P	5-6450120-3
	5.400	.300	.300	2.875	2.175	5.450	-	5.750	.475	6P + 24S + 9P	5-6450120-2
	3.800	.250	.300	1.875	1.375	3.850	-	4.150	.450	4P + 16S + 7ACP	5-6450120-0
	1.600	.250	.250	1.250	.875	1.650	-	1.950	.450	2P + 12S + 2P	4-6450120-9
	2.900	.250	.250	2.050	1.375	2.950	-	3.250	.450	4P + 24S + 4P	4-6450120-8
	1.900	.250	.250	1.550	0.875	1.950	-	2.250	.450	2P + 24S + 2P	4-6450120-7
	2.000	.250	.250	1.400	1.125	2.050	-	2.350	.450	3P + 8S + 3P	4-6450120-6
	2.900	.250	.250	3.550	2.875	5.950	-	6.250	.450	10P + 24S + 10P	4-6450120-5
	3.700	.200	.300	2.700	2.025	3.750	-	4.050	.450	8P + 24S + 4ACP	4-6450120-4
	2.900	.300	.250	2.050	1.575	2.950	-	3.250	.475	4ACP+16S+4P	4-6450120-3
	4.375	.250	.300	3.375	2.375	4.425	3.100	4.725	.450	8P + 24S + 1M + 4ACP	4-6450120-2
	4.100	.300	.250	2.250	1.575	4.150	-	4.450	.475	4ACP + 24S + 8P	4-6450120-0
	3.800	.250	.250	3.450	.875	3.850	-	4.150	.450	2P + 100S + 2P	3-6450120-6
	4.600	.250	.250	3.250	1.875	4.650	-	4.950	.450	6P + 52S + 6P	3-6450120-5
	5.100	.250	.250	3.500	2.175	5.150	-	5.450	.450	7P + 48S + 7P	3-6450120-4
	3.500	.250	.300	2.775	2.375	3.550	-	3.850	.450	8P + 12S + 3ACP	3-6450120-3
	4.000	.200	.200	2.700	1.825	4.050	-	4.350	.450	7HDP + 32S + 7HDP	3-6450120-0
	3.900	.250	.250	2.550	1.875	3.950	-	4.250	.450	6P + 24S + 6P	2-6450120-7
	5.200	.300	.250	2.350	1.625	5.250	-	5.550	.475	4ACP + 24S + 12P	2-6450120-6
	2.500	.250	.250	2.150	1.425	2.550	-	2.850	.450	4P + 24S + 2P	2-6450120-5
	3.600	.250	.250	2.500	1.625	3.650	-	3.950	.450	5P + 32S + 5P	2-6450120-4
	2.500	.250	.250	2.150	.875	2.550	-	2.850	.450	2P + 48S + 2P	2-6450120-3
	4.500	.300	.250	1.650	.975	4.550	-	4.850	.475	2ACP + 24S + 12P	2-6450120-2
	2.850	.250	.250	2.000	1.125	2.900	-	3.200	.450	3P + 32S + 4P	2-6450120-1
	3.950	.200	.250	2.125	1.025	4.000	-	4.300	.425	3P + 40S + 8P	2-6450120-0
	1.400	-	-	1.300	.625	1.450	-	1.750	.450	1P + 24S + 1P	1-6450120-6
	2.000	.300	.300	1.575	.975	2.050	-	2.350	.475	2P + 20S + 2P	1-6450120-4
	1.200	-	-	1.100	.625	1.250	-	1.550	.450	1P + 16S + 1P	1-6450120-3
	2.400	.250	.250	1.800	1.125	2.450	-	2.750	.450	3P + 24S + 3P	1-6450120-2
	2.675	.200	.200	2.375	1.650	2.725	-	3.025	.450	5P + 24S + 2P	1-6450120-1
	4.350	.250	.250	3.500	2.625	4.400	-	4.700	.450	9P + 32S + 4P	1-6450120-0
	4.150	.250	.250	2.800	2.125	4.200	-	4.500	.450	7P + 24S + 6P	6450120-9
	2.800	.250	.300	2.075	1.375	2.850	-	3.150	.450	4P + 24S + 3ACP	6450120-8
	3.050	.300	.250	1.950	1.275	3.100	-	3.400	.475	3ACP + 24S + 5P	6450120-7
	7.400	.250	.250	5.050	2.875	7.450	-	7.750	.450	10P + 84S + 10P	6450120-6
	4.350	.250	.250	3.000	2.125	4.400	-	4.700	.450	7P + 32S + 6P	6450120-5
	3.650	.250	.250	2.550	1.875	3.700	-	4.000	.450	6P + 24S + 5P	6450120-4
	2.900	.250	.250	1.800	1.125	2.950	-	3.250	.450	3P + 24S + 5P	6450120-3
	1.900	.250	.250	1.550	0.875	1.950	-	2.250	.450	2P + 24S + 2P	6450120-2
	5.100	.250	.250	3.250	2.375	5.150	-	5.450	.450	8P + 32S + 8P	6450120-1
U	S	T	R	W	D	M	L	K		DESCRIPTION	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT. DIMENSIONS: INCHES. TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±.01, 1 PLC ±.01, 2 PLC ±.01, 3 PLC ±.005, 4 PLC ±.002, ANGLES ±.020. MATERIAL: FINISH: .

OWN: R. GRZYBOWSKI, CHG: M. PERCHERKE, APVD: M. PERCHERKE. PRODUCT SPEC: 108-1973, APPLICATION SPEC: 114-13038, WEIGHT: .

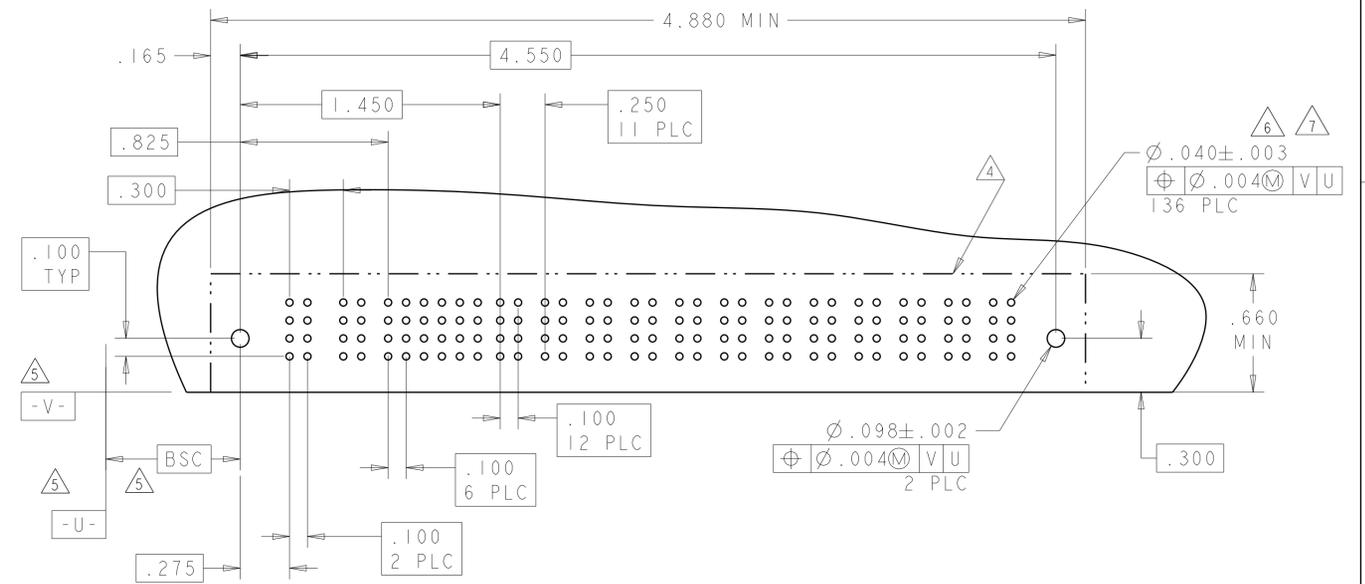
STE TE Connectivity. RIGHT ANGLE HEADER W/GUIDES ASSEMBLY MULTI-BEAM XL. SIZE: A100779, CAGE CODE: 6450120, SCALE: 4:1, SHEET 2 OF 24, REV M2.

PART NUMBER	ROWS	POWER		SIGNAL						POWER			
		P1	P2	1	2	3	4	5	6	P7	P8		
1-6450120-6	D	PA	PA	Z	Z	Z	Z	Z	Z	PA	PA	HD	HD
	C			Y	Y	Y	Y	Y	Y				
	B			R	R	R	R	R	R				
A	O	O	O	O	O	O							
IP + 24S + IP													

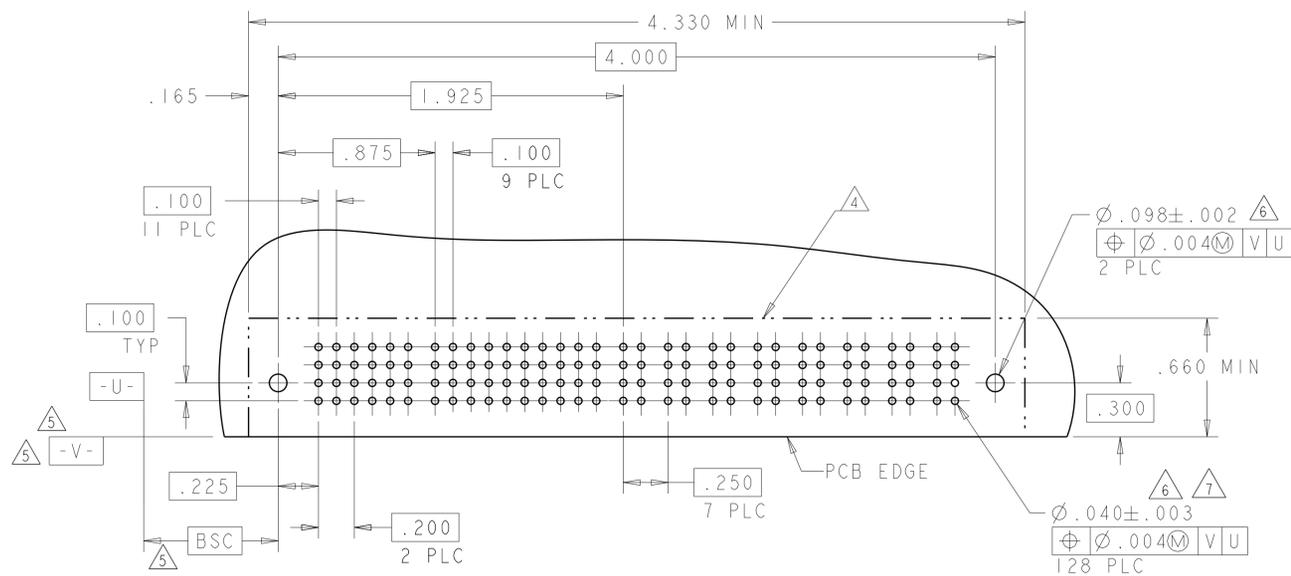


LOC	DIST	REV	DATE	APP'D
ES	00			

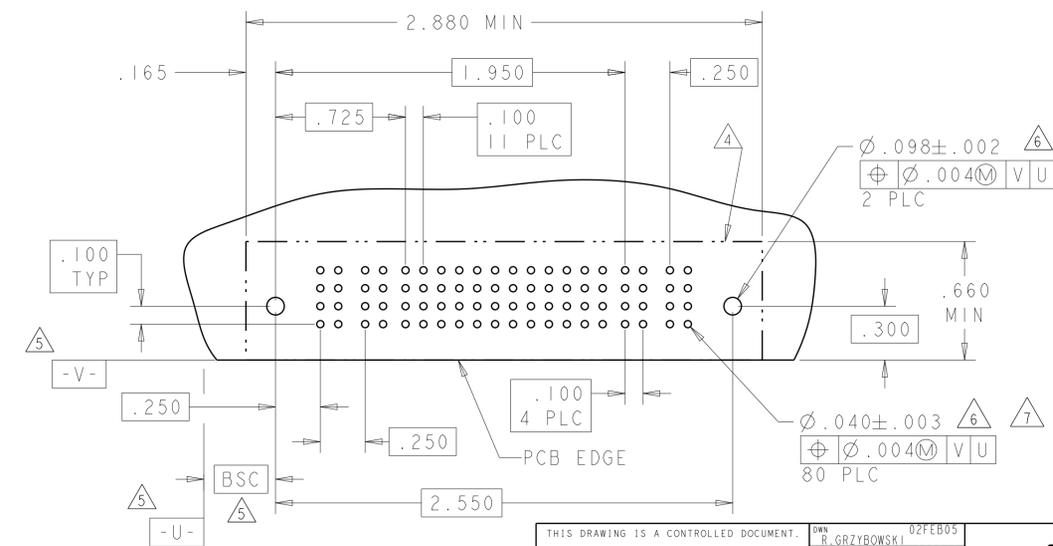
PART NUMBER	ROWS	POWER		SIGNAL						POWER																	
		P1	P2	1	2	3	4	5	6	P3	P4	P5	P6	P7	P8	P9	P10	P11	P12	P13	P14						
2-6450120-2	D	PM	PM	J	J	J	J	J	J	PM	PM	PM	PM	PM	PM	PM	PM	PM	PM	PM	PM	PM	PM	PM	PM	PM	PM
	C			K	K	K	K	K	K																		
	B			N	N	N	N	N	N																		
A	S	S	S	S	S	S																					
2ACP + 24S + 12P																											



PART NUMBER	ROWS	POWER			SIGNAL										POWER												
		P1	P2	P3	1	2	3	4	5	6	7	8	9	10	P4	P5	P6	P7	P8	P9	P10	P11					
2-6450120-0	D	PM	PM	PM	J	J	J	J	J	J	J	J	J	J	PM	PM	PM	PM	PM	PM	PM	PM	PM	PM	PM	PM	PM
	C				K	K	K	K	K	K	K	K	K														
	B				N	N	N	N	N	N	N	N	N	N													
A	S	S	S	S	S	S	S	S	S	S																	
3P + 40S + 8P																											



PART NUMBER	ROWS	POWER		SIGNAL												POWER			
		P1	P2	1	2	3	4	5	6	7	8	9	10	11	12	P3	P4		
2-6450120-3	D	PM	PM	J	J	J	J	J	J	J	J	J	J	J	J	PM	PM	HD	HD
	C			K	K	K	K	K	K	K	K	K	K	K					
	B			N	N	N	N	N	N	N	N	N	N	N	N				
A	S	S	S	S	S	S	S	S	S	S	S	S							
2P + 48S + 2P																			

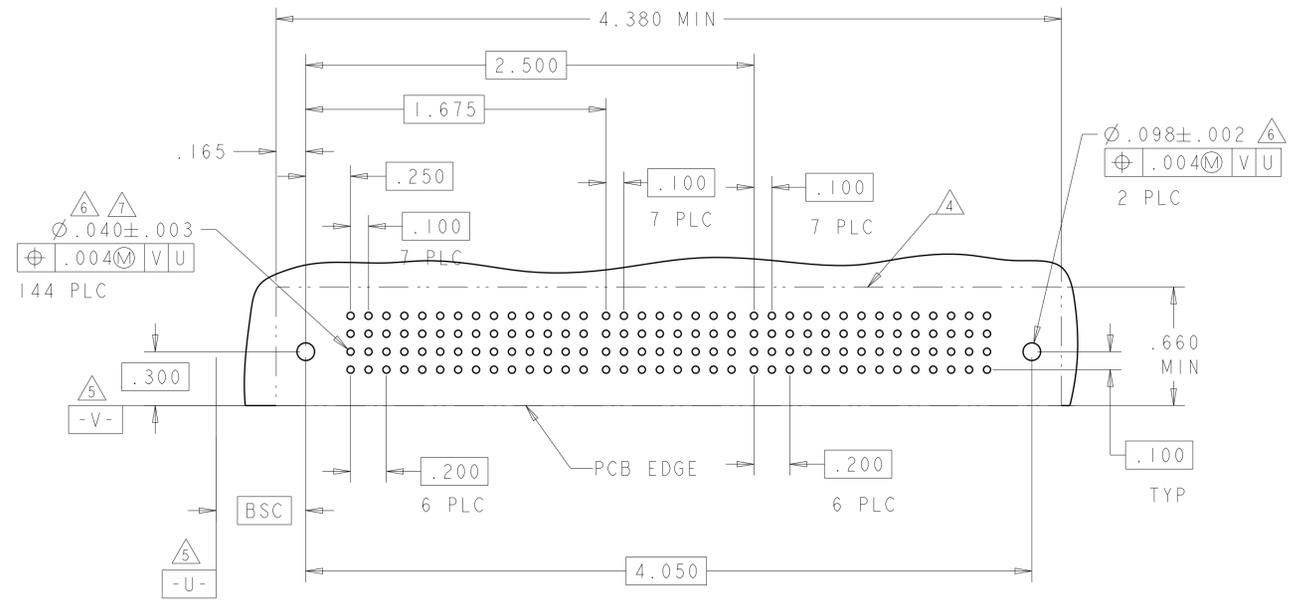


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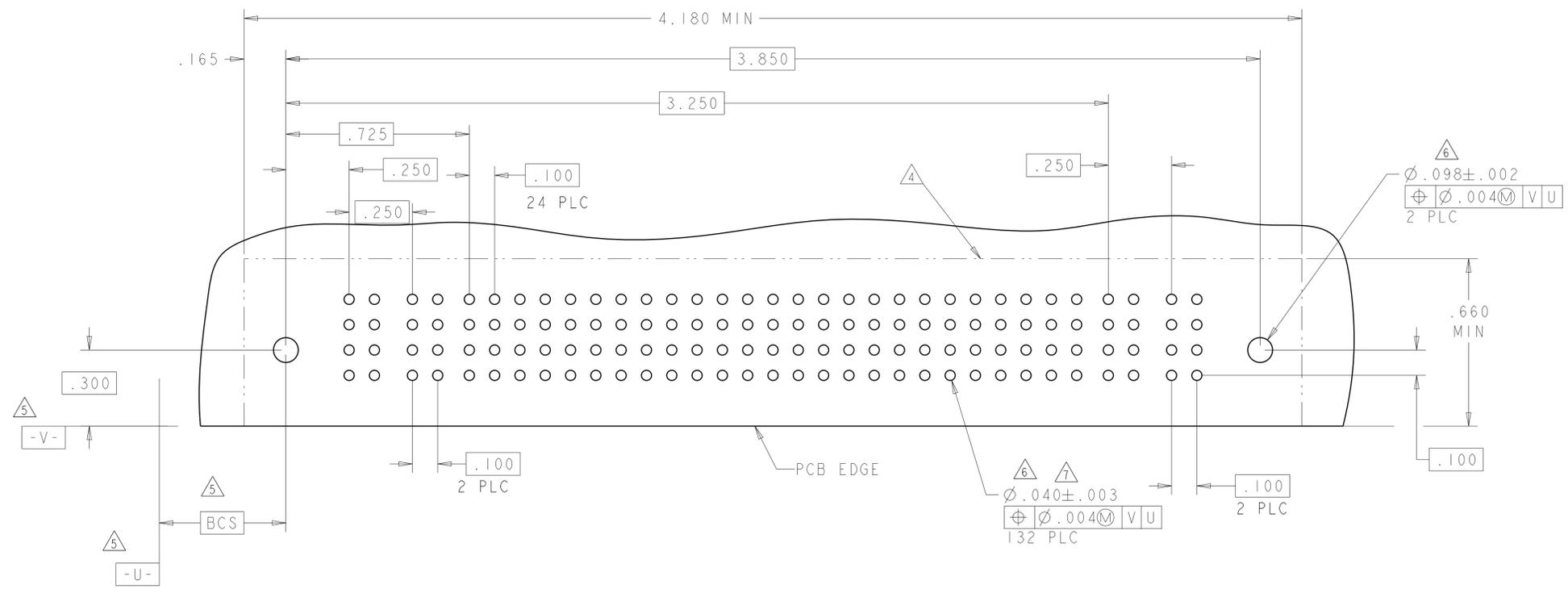
DIMENSIONS: INCHES 	TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±. 1 PLC ±.01 2 PLC ±.01 3 PLC ±.005 4 PLC ±.002 ANGLES ±.020	OWN: R. GRZYBOWSKI CHK: M. PERCHERKE APVD: M. PERCHERKE PRODUCT SPEC: 108-1973 APPLICATION SPEC: 114-13038 WEIGHT: CUSTOMER DRAWING	02FEB05 02FEB05 02FEB05 NAME: RIGHT ANGLE HEADER W/GUIDES ASSEMBLY MULTI-BEAM XL SIZE: A1 CAGE CODE: 100779 DRAWING NO: 6450120 SHEET 7 OF 24 REV M2	TE Connectivity
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LOC	DIST	REVISIONS			
P	LTN	DESCRIPTION	DATE	DMN	APVD
ES	00	SEE SHEET 1			

PART NUMBER	ROWS	POWER							SIGNAL								POWER						
		P1	P2	P3	P4	P5	P6	P7	1	2	3	4	5	6	7	8	P8	P9	P10	P11	P12	P13	P14
3-6450120-0	D C B A	PM	PM	PM	PM	PM	PM	PM	J	J	J	J	J	J	J	J	PM	PM	PM	PM	PM	PM	PM
7HDP + 32S + 7HDP	HD							N	N	N	N	N	N	N	N								
								S	S	S	S	S	S	S	S								



PART NUMBER	ROWS	POWER		SIGNAL																									POWER		
		P1	P2	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	P3	P4	
3-6450120-6	D C B A	PM	PM	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	PM	PM
2P + 100S + 2P	HD			N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N		
				S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S		

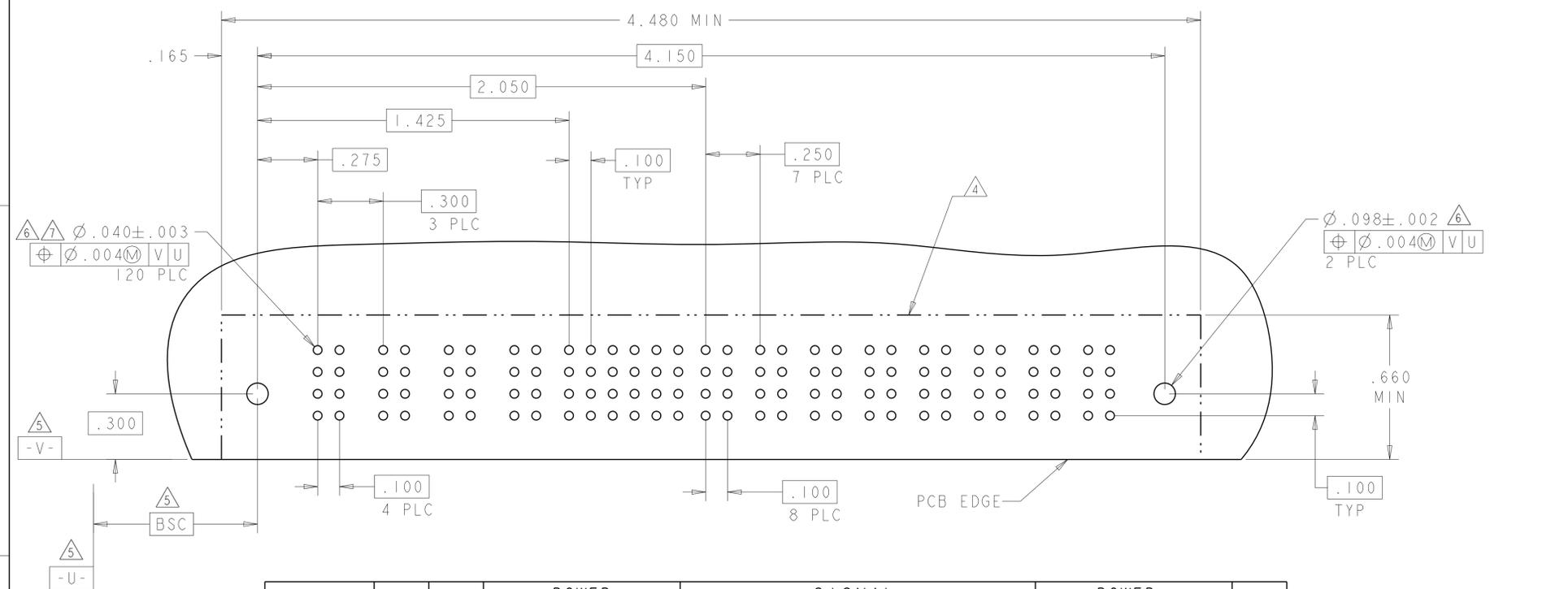


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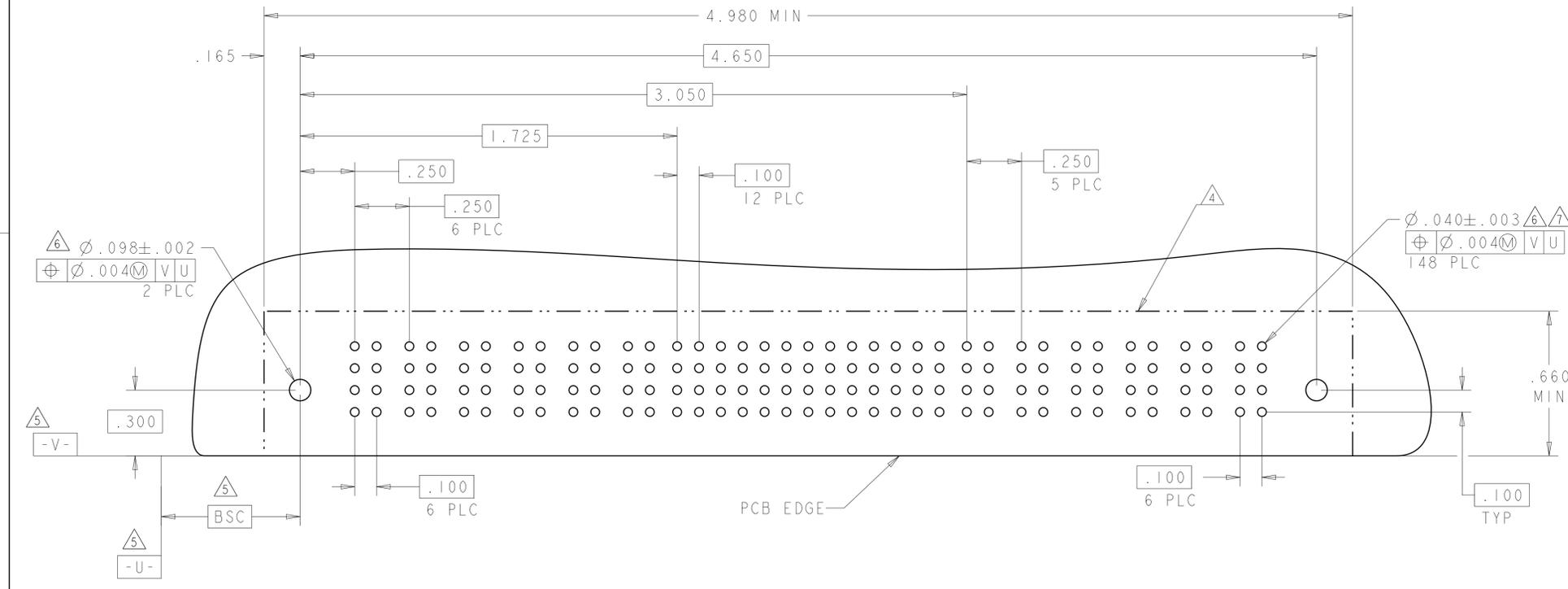
DIMENSIONS: INCHES	TOLERANCES UNLESS OTHERWISE SPECIFIED:	DMN: R. GRZYBOWSKI 02FEB05	CHK: M. PERCHERKE 02FEB05	APVD: M. PERCHERKE 02FEB05	NAME: RIGHT ANGLE HEADER W/GUIDES ASSEMBLY MULTI-BEAM XL
0 PLC ±.01	1 PLC ±.01	2 PLC ±.01	3 PLC ±.005	4 PLC ±.002	ANGLES ±.020
MATERIAL: -	FINISH: -	PRODUCT SPEC: 108-1973	APPLICATION SPEC: 114-13038	WEIGHT: -	RESTRICTED TO: -
CUSTOMER DRAWING		SCALE: 4:1	SHEET: 9 of 24	REV: M2	

LOC	DIST	REVISIONS			
P	LTN	DESCRIPTION	DATE	DMN	APVD
ES	00	SEE SHEET 1			

PART NUMBER	ROWS	POWER				SIGNAL						POWER										
		P1	P2	P3	P4	1	2	3	4	5	6	P5	P6	P7	P8	P9	P10	P11	P12			
4-6450120-0	D C B A	PM	PM	PM	PM	J	J	J	J	J	J	PM	PM	PM	PM	PM	PM	PM	PM	PM	PM	PM
						K	K	K	K	K	K											
						N	N	N	N	N	N											
						S	S	S	S	S	S											
4ACP + 24S + 8P																						



PART NUMBER	ROWS	POWER						SIGNAL													POWER																					
		P1	P2	P3	P4	P5	P6	1	2	3	4	5	6	7	8	9	10	11	12	13	P7	P8	P9	P10	P11	P12																
3-6450120-5	D C B A	PM	PM	PM	PM	PM	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	PM	PM	PM	PM	PM	PM								
							K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K							K	K	K	K	K	K		
							N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N							N	N	N	N	N	N	N	N
							S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S							S	S	S	S	S	S	S	S
6P + 52S + 6P																																										

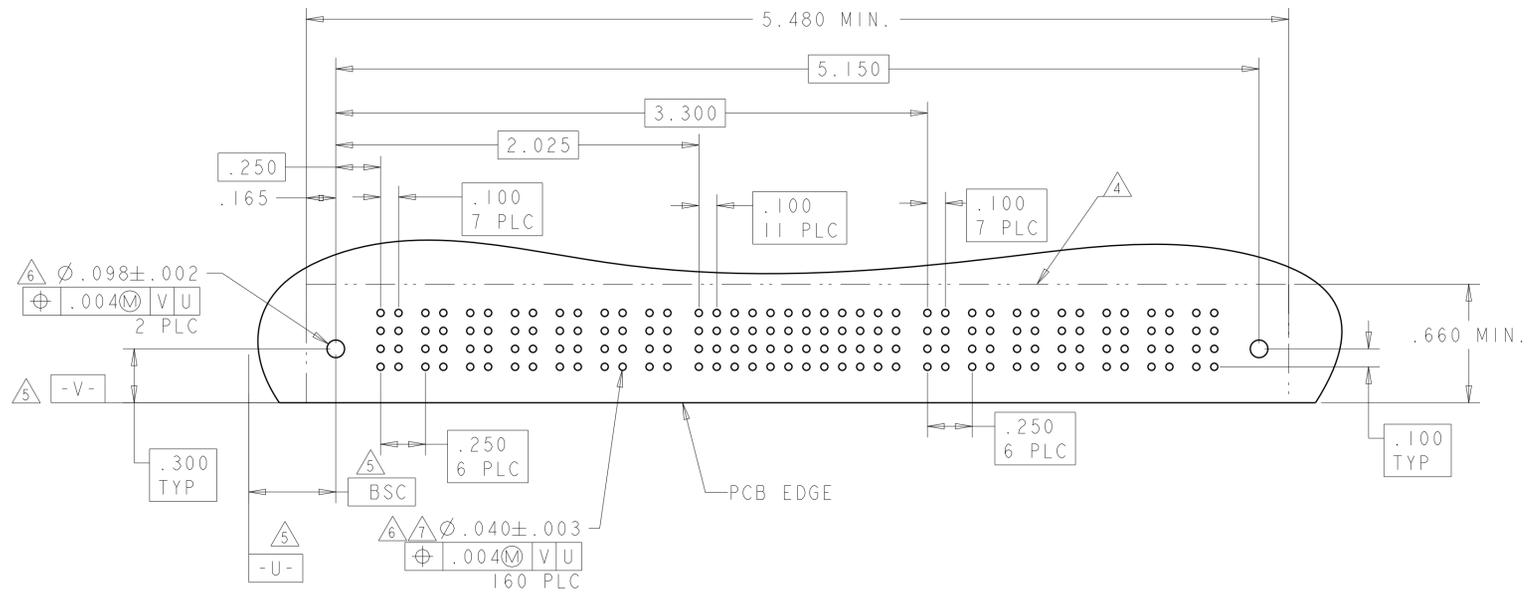


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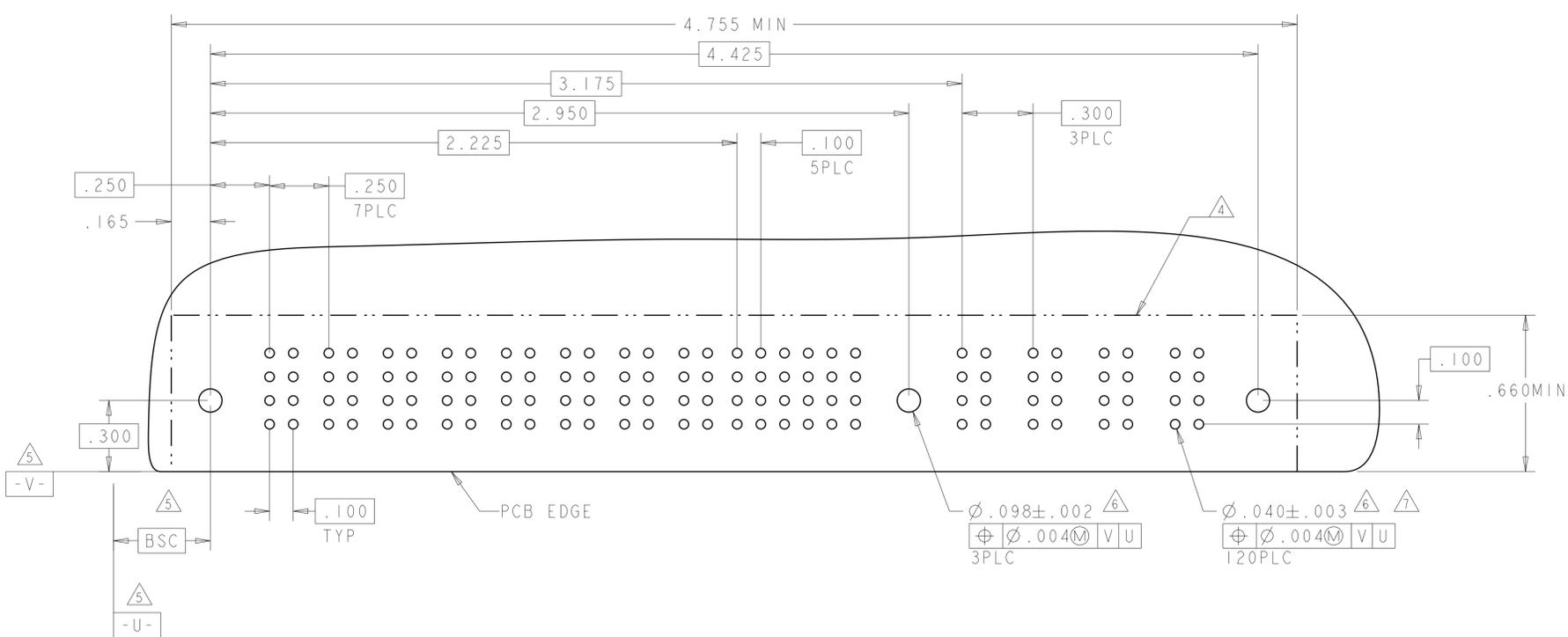
DIMENSIONS: INCHES 	TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±. 1 PLC ±.01 2 PLC ±.01 3 PLC ±.005 4 PLC ±.0020 ANGLES ±.2°	DWG: R.GRZYBOWSKI 02FEB05 CHK: M.PERCHEK 02FEB05 APVD: M.PERCHEK 02FEB05 PRODUCT SPEC: 108-1973 APPLICATION SPEC: 114-13038 WEIGHT: - CUSTOMER DRAWING	NAME: RIGHT ANGLE HEADER W/GUIDES ASSEMBLY MULTI-BEAM XL SIZE: A1 CAGE CODE: 6450120 DRAWING NO: 100779 SCALE: 4:1 SHEET: 10 OF 24 REV: M2	STE TE Connectivity
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LOC	DIST	REVISIONS			
P	LTN	DESCRIPTION	DATE	DMN	APVD
ES	00	SEE SHEET 1			

PART NUMBER	ROWS	POWER						SIGNAL												POWER																							
		P1	P2	P3	P4	P5	P6	P7	1	2	3	4	5	6	7	8	9	10	11	12	P8	P9	P10	P11	P12	P13	P14																
3-6450120-4	D C B A	PM	PM	PM	PM	PM	PM	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	PM	PM	PM	PM	PM	PM								
								K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K							K	K	K	K	K	K		
								N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N							N	N	N	N	N	N	N	N
								S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S							S	S	S	S	S	S	S	S
7P + 48S + 7P		HD		HD		HD		HD		HD		HD		HD		HD		HD		HD		HD		HD		HD		HD															



PART NUMBER	ROWS	POWER								SIGNAL						POWER																												
		P1	P2	P3	P4	P5	P6	P7	P8	1	2	3	4	5	6	P9	P10	P11	P12																									
4-6450120-2	D C B A	PM	PM	PM	PM	PM	PM	PM	PM	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	PM	PM	PM	PM							
										K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K					K	K	K	K	K	K	
										N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N					N	N	N	N	N	N	N
										S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S					S	S	S	S	S	S	S
8P + 24S + 1M + 4ACP		HD		HD		HD		HD		HD		HD		HD		HD		HD		HD		HD		HD		HD		HD		HD														

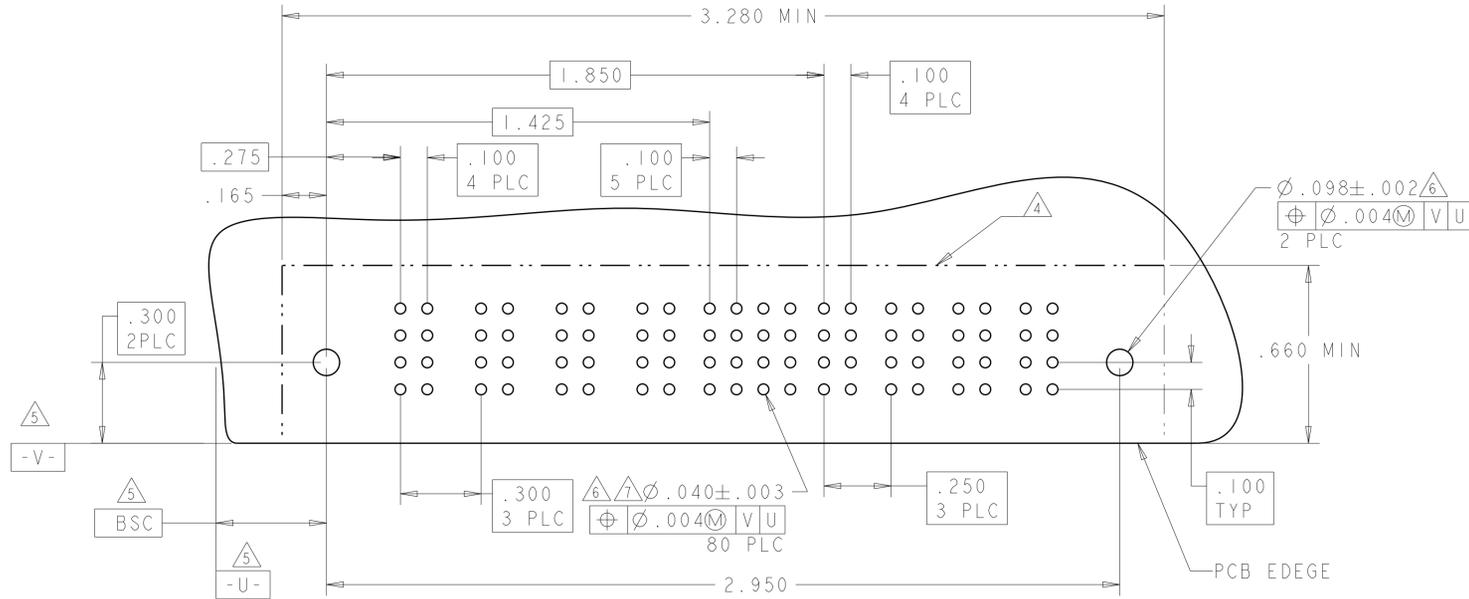


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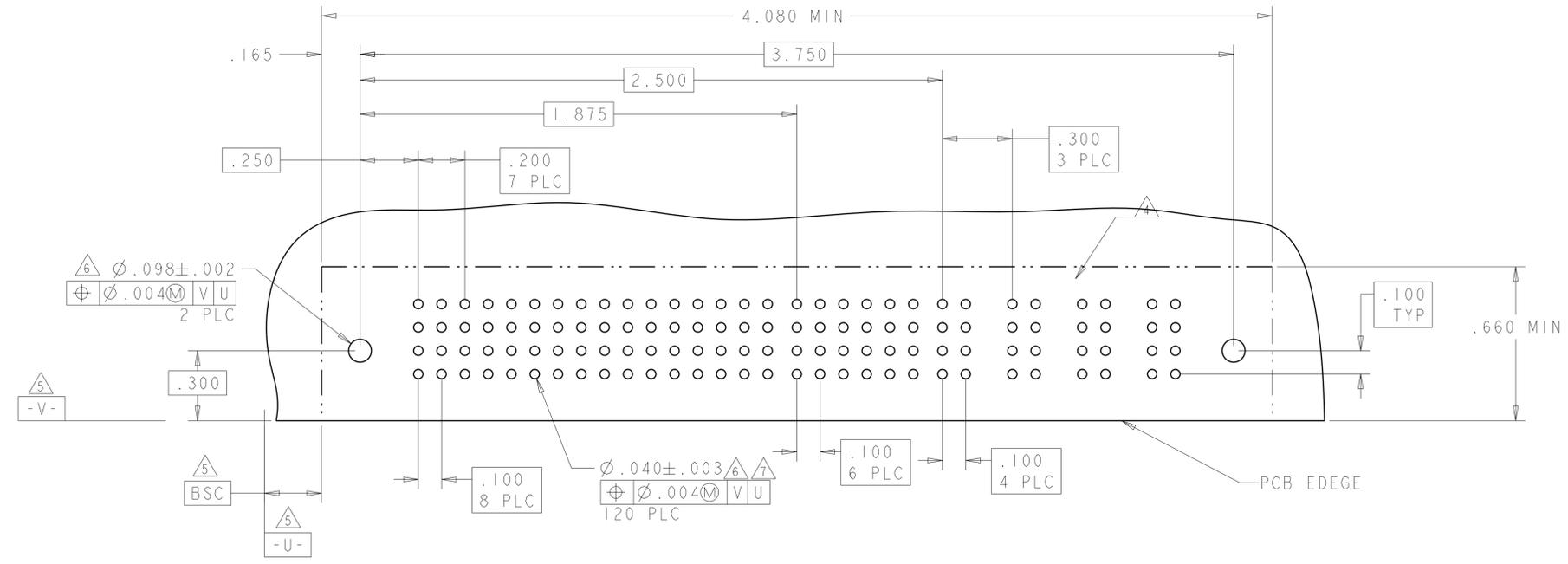
DIMENSIONS: INCHES 	TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±. 1 PLC ±.01 2 PLC ±.01 3 PLC ±.005 4 PLC ±.0020 ANGLES ±.2°	DWG: R.GRZYBOWSKI 02FEB05 CHK: M.PERCHEK 02FEB05 APVD: M.PERCHEK 02FEB05 PRODUCT SPEC: 108-1973 APPLICATION SPEC: 114-13038 WEIGHT: - CUSTOMER DRAWING	TE Connectivity RIGHT ANGLE HEADER W/GUIDES ASSEMBLY MULTI-BEAM XL SIZE: A1 CAGE CODE: 6450120 SCALE: 4:1 SHEET: 11 OF 24 REV: M2
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LOC		DIST		REVISIONS			
ES	00	P	LTH	DESCRIPTION	DATE	DWN	APVD
		-		SEE SHEET 1			

PART NUMBER	ROWS	POWER				SIGNAL				POWER			
		P1	P2	P3	P4	1	2	3	4	P5	P6	P7	P8
4-6450120-3	D C B A	PM	PM	PM	PM	J	J	J	J	PM	PM	PM	PM
						K	K	K	K				
						N	N	N	N				
						S	S	S	S				
4ACP + 16S + 4P													



PART NUMBER	ROWS	POWER								SIGNAL						POWER			
		P1	P2	P3	P4	P5	P6	P7	P8	1	2	3	4	5	6	P9	P10	P11	P12
4-6450120-4	D C B A	PM	PM	PM	PM	PM	PM	PM	PM	J	J	J	J	J	J	PM	PM	PM	PM
										K	K	K	K	K	K				
										N	N	N	N	N	N				
										S	S	S	S	S	S				
8P + 24S + 4ACP																			



THIS DRAWING IS A CONTROLLED DOCUMENT. DWN: R. GRZYBOWSKI 02FEB05
 CHK: M. PERCHERKE 02FEB05
 APVD: M. PERCHERKE 02FEB05

STE TE Connectivity

NAME: RIGHT ANGLE HEADER W/GUIDES ASSEMBLY MULTI-BEAM XL

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

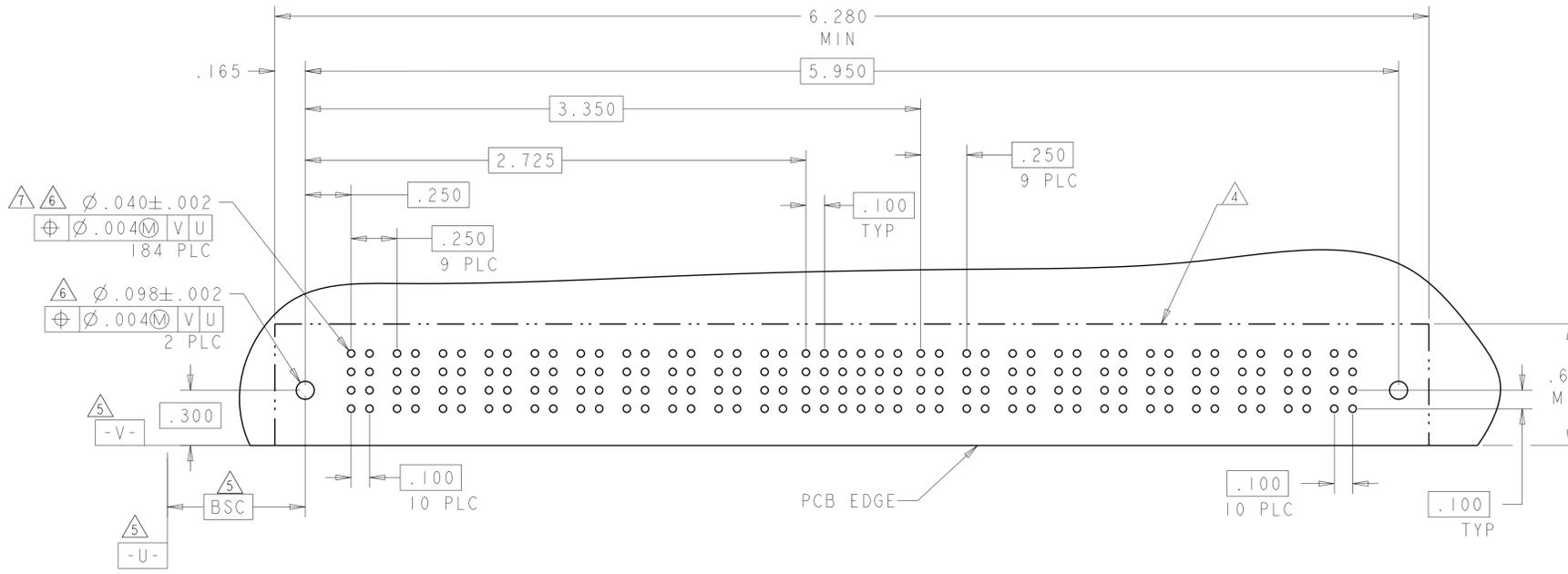
SIZE: A1 CAGE CODE: 6450120 DRAWING NO: 100779
 RESTRICTED TO: M2

MATERIAL: - FINISH: - WEIGHT: -
 CUSTOMER DRAWING SCALE: 4:1 SHEET 12 OF 24 REV: M2

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

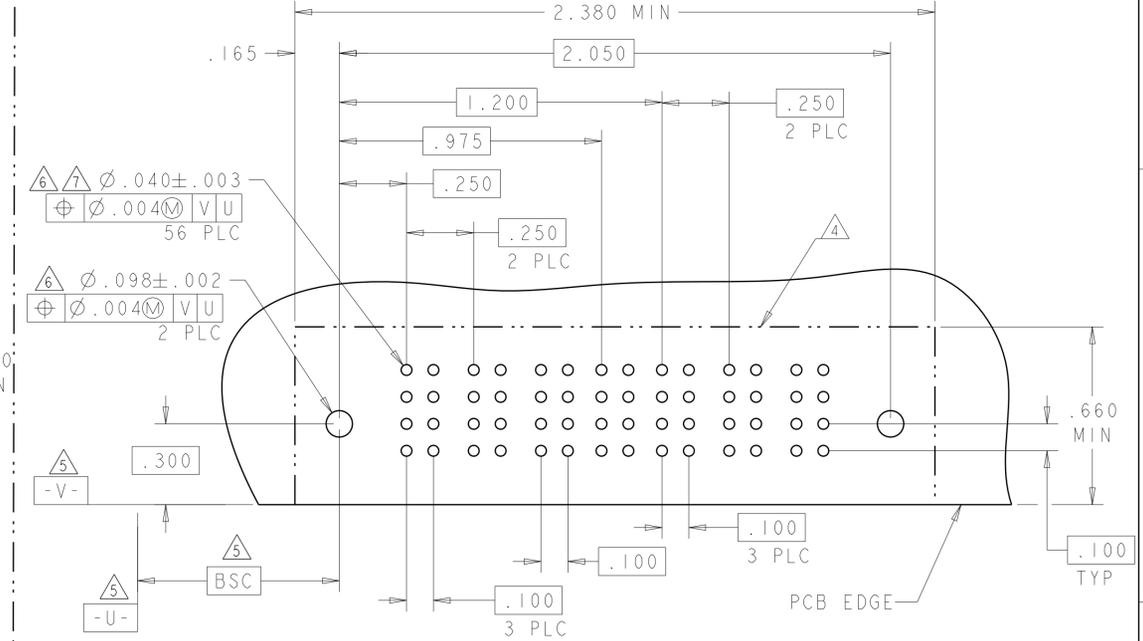
PART NUMBER	ROWS	POWER										SIGNAL						POWER									
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4-6450120-5	D C B A	PM	PM	PM	PM	PM	PM	PM	PM	PM	PM	J	J	J	J	J	J	PM	PM	PM	PM	PM	PM	PM	PM	PM	PM
												K	K	K	K	K	K										
												N	N	N	N	N	N										
												S	S	S	S	S	S										

10P + 24S + 10P



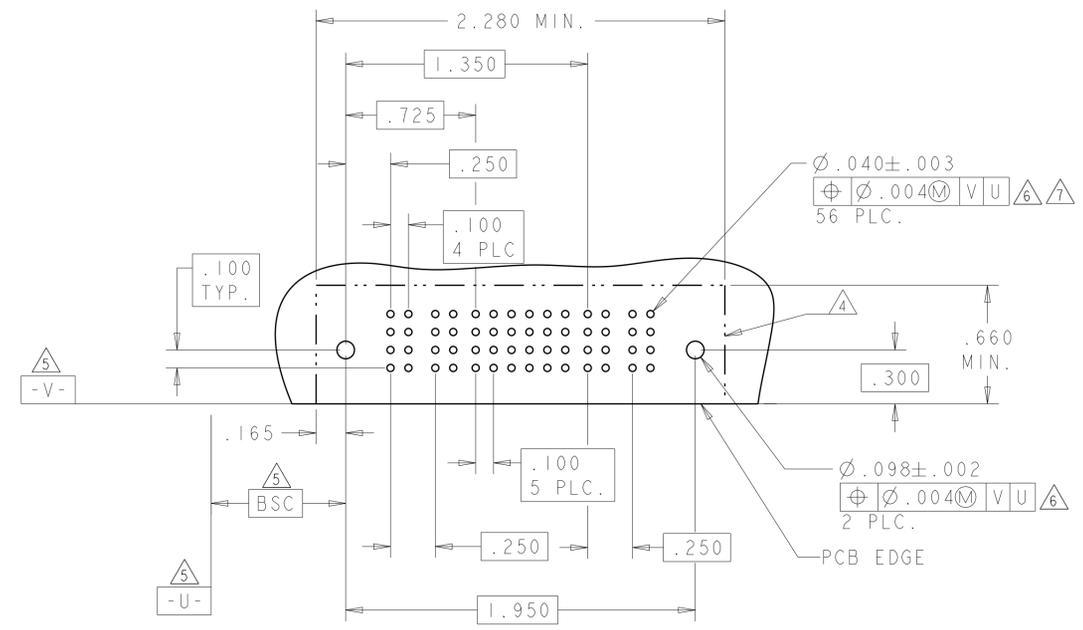
PART NUMBER	ROWS	POWER			SIGNAL		POWER		
		P1	P2	P3	1	2	P4	P5	P6
4-6450120-6	D C B A	PM	PM	PM	J	J	PM	PM	PM
					K	K			
					N	N			
					S	S			

3P + 8S + 3P



PART NUMBER	ROWS	POWER		SIGNAL						POWER	
		P1	P2	1	2	3	4	5	6	P3	P4
4-6450120-7	D C B A	PM	PM	J	J	J	J	J	J	PM	PM
				K	K	F	K	K	K		
				N	N	G	N	N	N		
				S	S	S	S	S	S		

2P + 24S + 2P



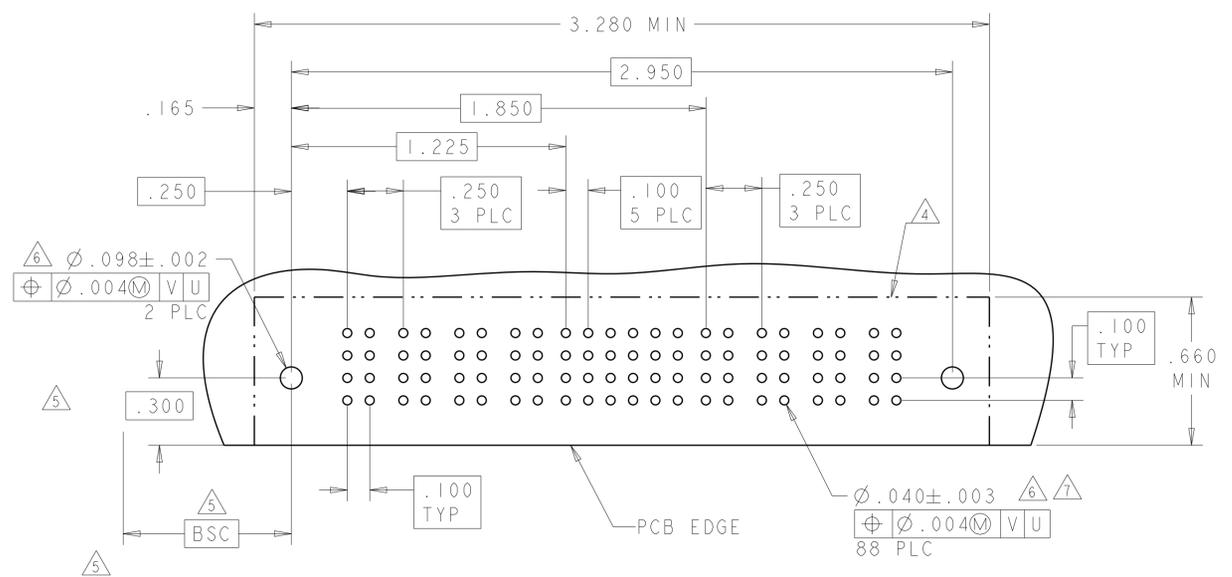
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DIMENSIONS:	TOLERANCES UNLESS OTHERWISE SPECIFIED:	DWN: R. GRZYBOWSKI 02FEB05	CHK: M. PERCHERKE 02FEB05	APVD: M. PERCHERKE 02FEB05	NAME: RIGHT ANGLE HEADER W/GUIDES ASSEMBLY MULTI-BEAM XL
INCHES	0 PLC ±.01 1 PLC ±.01 2 PLC ±.01 3 PLC ±.01 4 PLC ±.005 ANGLES ±.002	PRODUCT SPEC: 108-1973	APPLICATION SPEC: 114-13038	WEIGHT: -	RESTRICTED TO: -
MATERIAL: -	FINISH: -	SIZE: A1	CAGE CODE: 100779	DRAWING NO: C=6450120	SHEET 13 OF 24
CUSTOMER DRAWING		SCALE: 4:1		REV: M2	

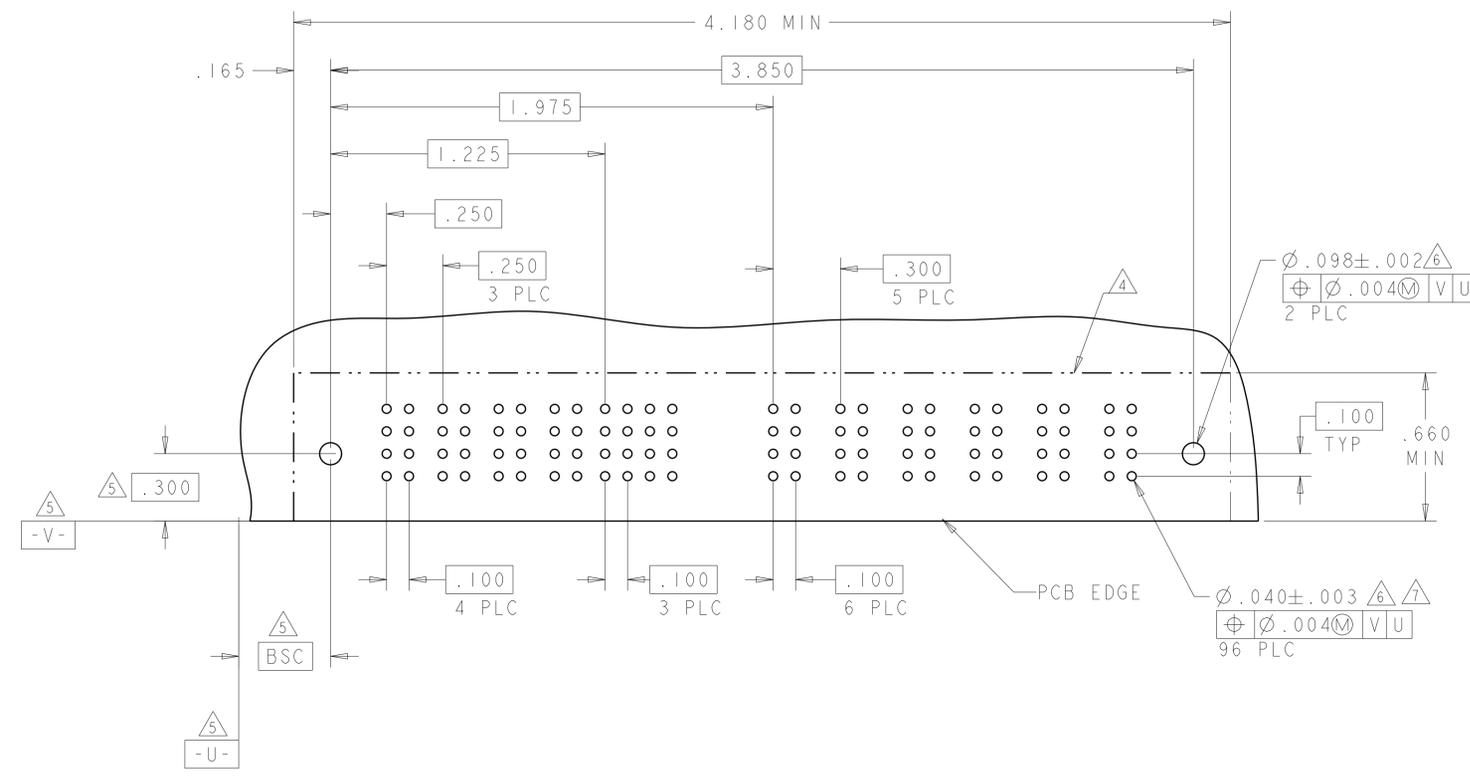
STE TE Connectivity

LOC	DIST	REVISIONS			
P	LTN	DESCRIPTION	DATE	DMN	APVD
ES	00	SEE SHEET 1			

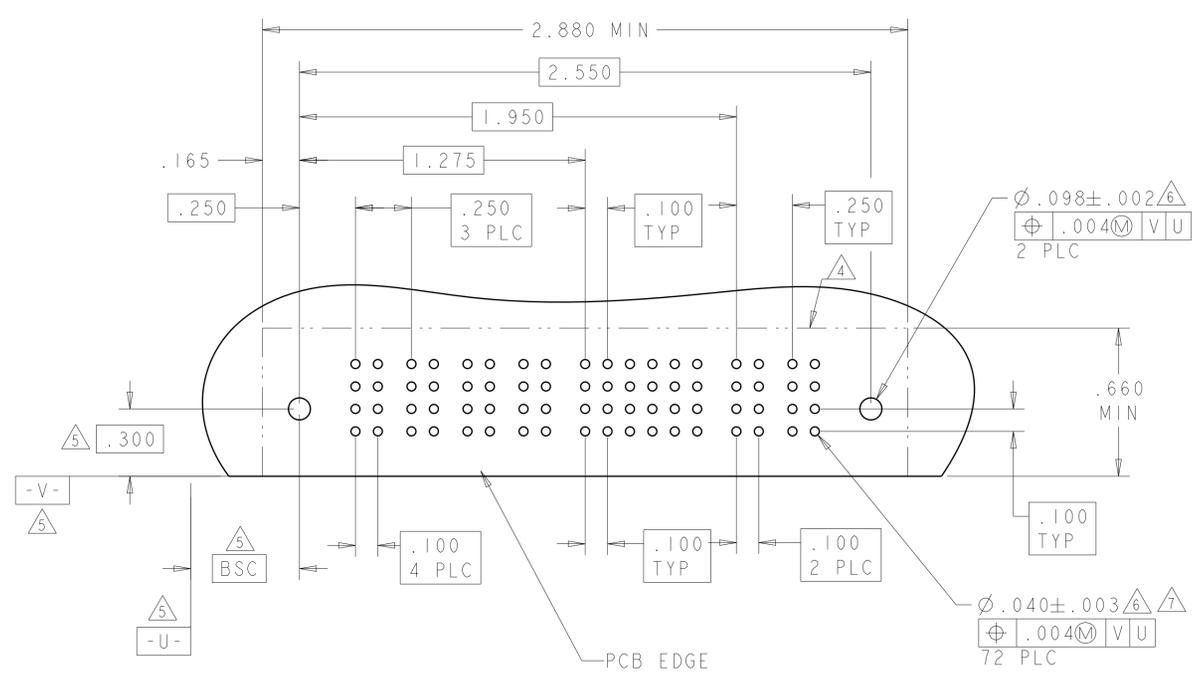
PART NUMBER	ROWS	POWER				SIGNAL						POWER			
		P1	P2	P3	P4	1	2	3	4	5	6	P5	P6	P7	P8
4-6450120-8	D	PM	PM	PM	PM	J	J	J	J	J	J	PM	PM	PM	PM
	C					K	K	K	K	K					
	B					N	N	N	N	N					
	A					S	S	S	S	S					
4P + 24S + 4P															



PART NUMBER	ROWS	POWER				SIGNAL				POWER						
		P1	P2	P3	P4	1	2	3	4	P5	P6	P7	P8	P9	P10	P11
5-6450120-0	D	PM	PM	PM	PM	J	J	J	J	PM	PM	PM	PM	PM	PM	
	C					K	K	K	K							
	B					N	N	N	N							
	A					S	S	S	S							
4P + 16S + 7ACP																



PART NUMBER	ROWS	POWER				SIGNAL						POWER	
		P1	P2	P3	P4	1	2	3	4	5	6	P5	P6
2-6450120-5	D	PM	PM	PM	PM	J	J	J	J	J	J	PM	PM
	C					K	K	K	K	K			
	B					N	N	N	N	N			
	A					S	S	S	S	S			
4P + 24S + 2P													



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DMN: R. GRZYBOWSKI 02FEB05	CHK: M. PERCHERKE 02FEB05	APVD: M. PERCHERKE 02FEB05	NAME: RIGHT ANGLE HEADER W/GUIDES ASSEMBLY MULTI-BEAM XL
DIMENSIONS: INCHES		TOLERANCES UNLESS OTHERWISE SPECIFIED:	
0 PLC ±.01		1 PLC ±.01	
2 PLC ±.01		3 PLC ±.005	
4 PLC ±.0020		ANGLES ±.020	
FINISH: -		MATERIAL: -	

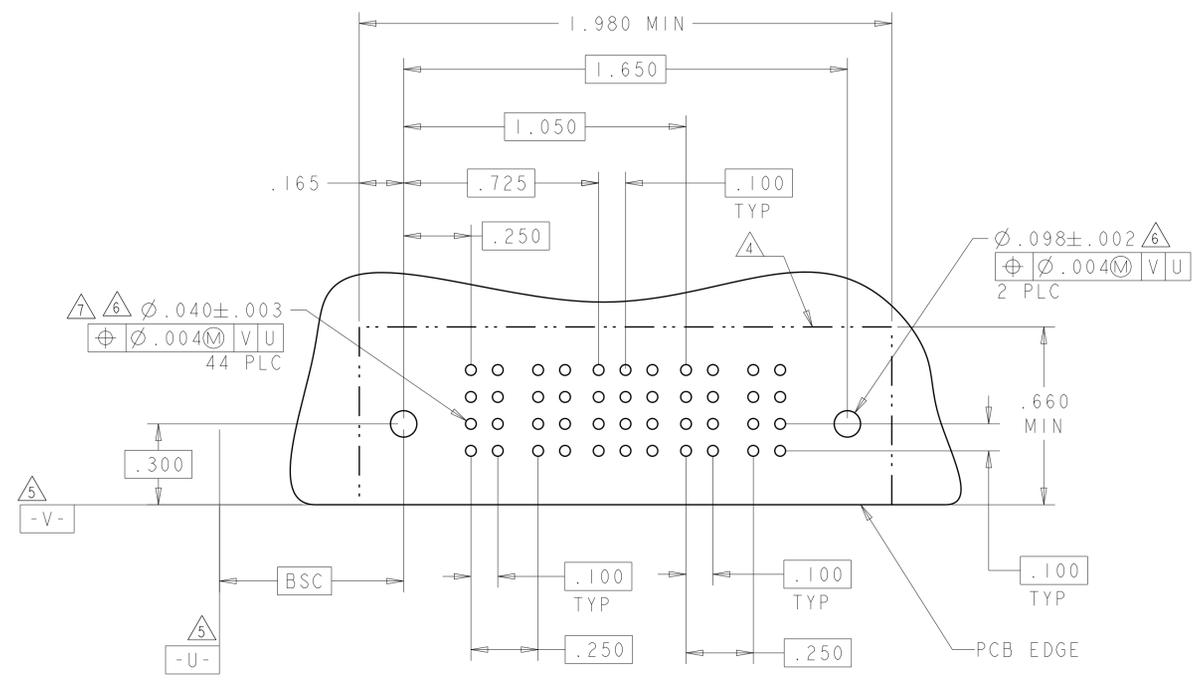
STE TE Connectivity

SIZE: 108-1973 APPLICATION SPEC: 114-13038 WEIGHT: -

SCALE: 4:1 SHEET 14 OF 24 REV: M2

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

PART NUMBER	ROWS	POWER		SIGNAL			POWER	
		P1	P2	1	2	3	P3	P4
4-6450120-9	D			J	J	J		
	C			K	K	K		
	B			N	N	N		
	A			S	S	S		
2P + 12S + 2P								



THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN R. GRZYBOWSKI	02FEB05	STE TE Connectivity
DIMENSIONS: INCHES		CHK M. PERCHERKE	02FEB05	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD M. PERCHERKE	02FEB05	NAME RIGHT ANGLE HEADER W/GUIDES ASSEMBLY MULTI-BEAM XL
0 PLC ± .01		PRODUCT SPEC		SIZE 108-1973
1 PLC ± .01		APPLICATION SPEC		RESTRICTED TO
2 PLC ± .005		114-13038		A100779C=6450120
3 PLC ± .0020		WEIGHT		SCALE 4:1 SHEET 15 OF 24 REV M2
ANGLES ± .2°		CUSTOMER DRAWING		
FINISH				

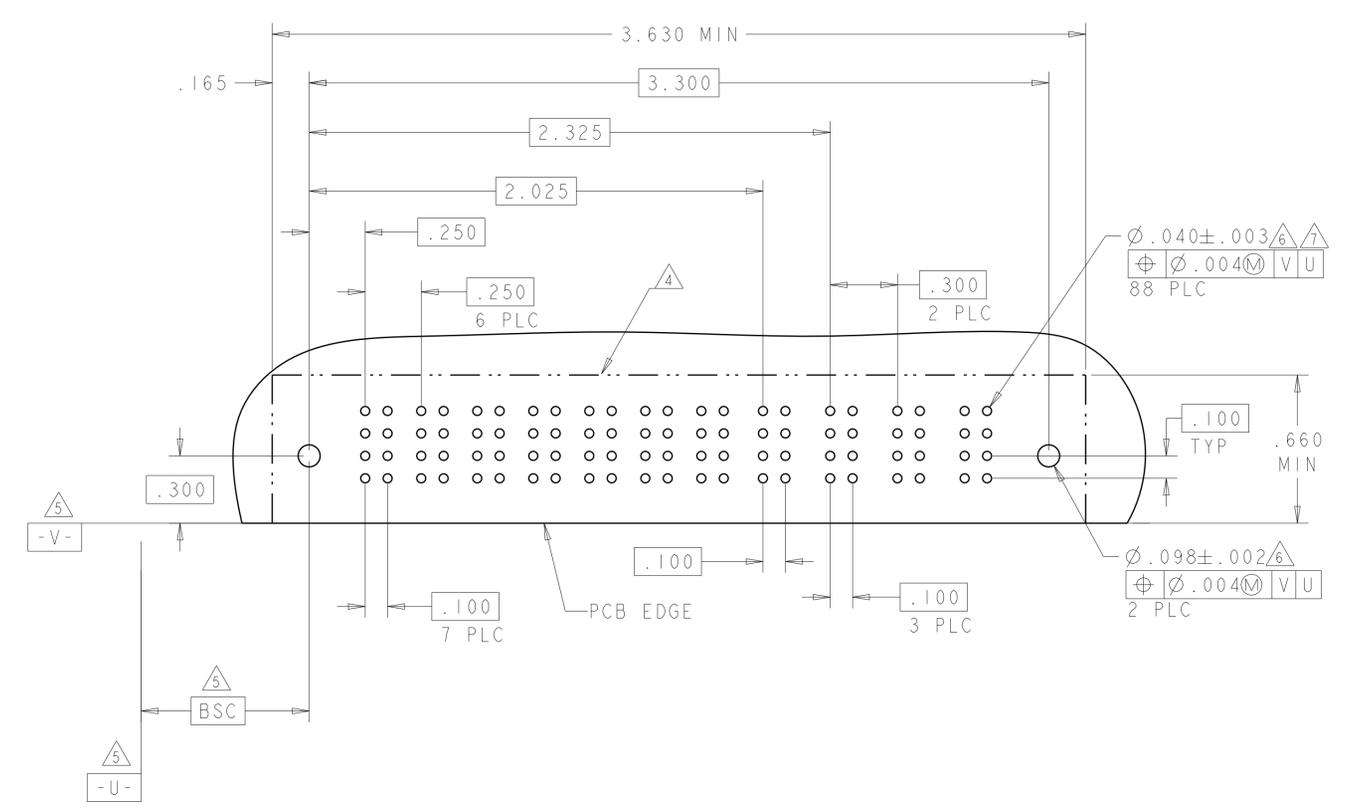
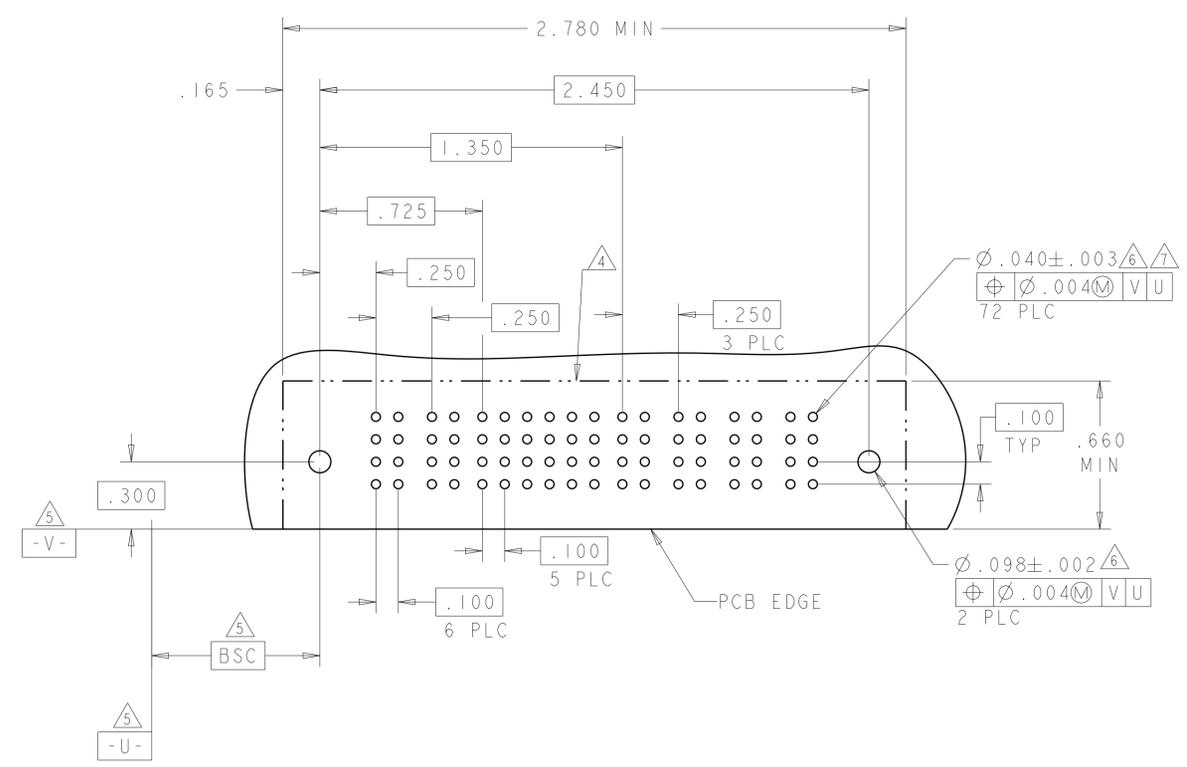
LOC	DIST	REVISIONS			
P	LTN	DESCRIPTION	DATE	DMN	APVD
ES	00	SEE SHEET 1	-	-	-

PART NUMBER	ROWS	POWER		SIGNAL						POWER			
		P1	P2	1	2	3	4	5	6	P3	P4	P5	P6
5-6450120-3	D	PM	PM	J	J	J	J	J	J	PM	PM	PM	PM
	C			K	K	K	K	K	K				
	B			N	N	N	N	N	N				
	A			S	S	S	S	S	S				

2P + 24S + 4P

PART NUMBER	ROWS	POWER							SIGNAL		POWER		
		P1	P2	P3	P4	P5	P6	P7	I	J	P8	P9	P10
5-6450120-5	D	PM	PM	PM	PM	PM	PM	PM	J	J	PM	PM	PM
	C								K	K			
	B								N	N			
	A								S	S			

7P + 8S + 3ACP



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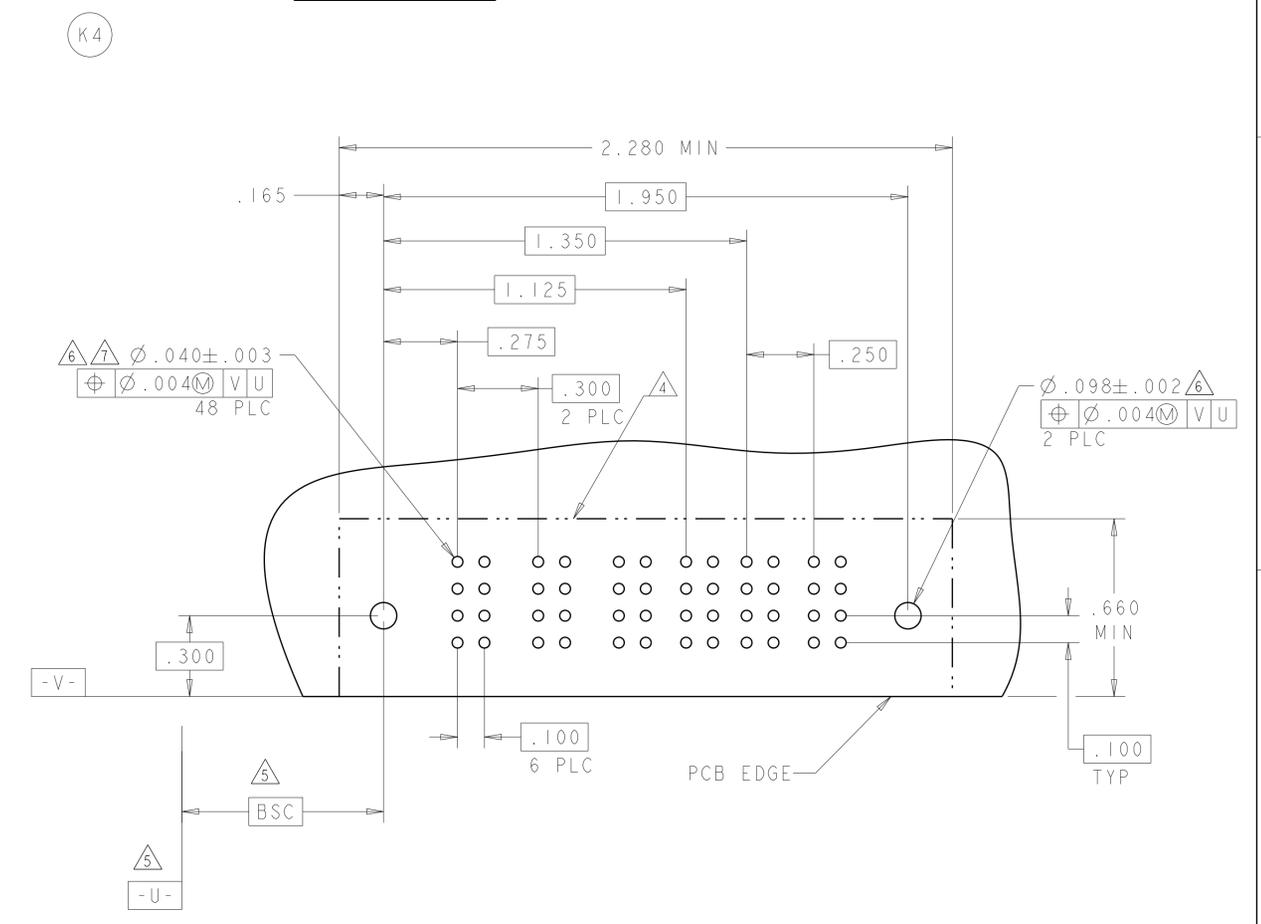
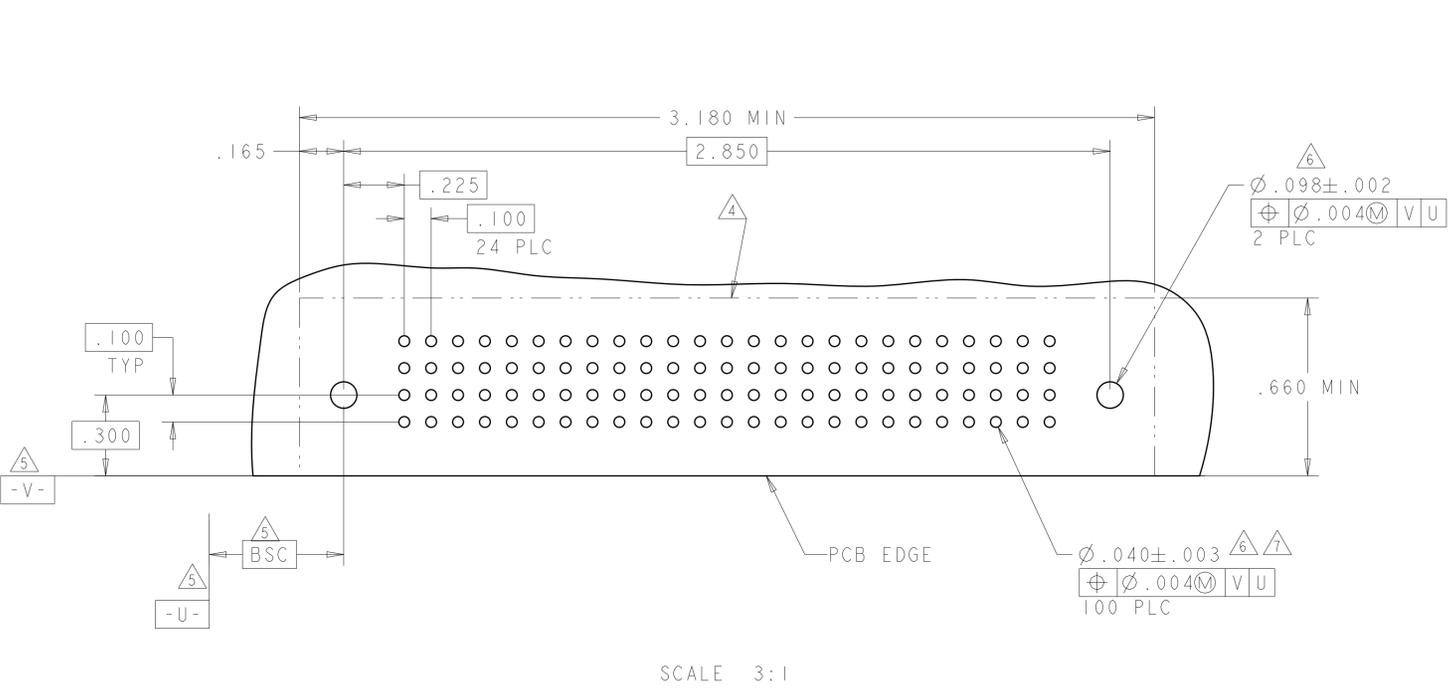
DIMENSIONS: INCHES	TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±. 1 PLC ±.01 2 PLC ±.01 3 PLC ±.005 4 PLC ±.0020 ANGLES ±.7° FINISH	DWN: R. GRZYBOWSKI 02FEB05 CHK: M. PERCHERKE 02FEB05 APVD: M. PERCHERKE 02FEB05 PRODUCT SPEC: 108-1973 APPLICATION SPEC: 114-13038 WEIGHT: - CUSTOMER DRAWING	NAME: RIGHT ANGLE HEADER W/GUIDES ASSEMBLY MULTI-BEAM XL SIZE: A1 CAGE CODE: 00779 DRAWING NO: 6450120 SHEET 17 OF 24 REV: M2
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SCALE: 4:1

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

PART NUMBER	ROWS	SIGNAL																								
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
5-6450120-8	D	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J
	C	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K
	B	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
A	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	
100S		HD																								HD

PART NUMBER	ROWS	POWER			SIGNAL		POWER	
		P1	P2	P3	1	2	P4	P5
5-6450120-9	D	PM	PM	PM	J	J	PM	PM
	C				K	K		
	B				N	N		
A				H	S			
3ACP + 8S + 2P		HD				HD		



THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: INCHES	TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±. 2 PLC ±.01 3 PLC ±.005 4 PLC ±.0020 ANGLES ±.7°	FINISH	APPROVED: M. PERCHERKE	DATE: 02FEB05	NAME: M. PERCHERKE
MATERIAL	FINISH	WEIGHT	PRODUCT SPEC: 108-1973	APPLICATION SPEC: 114-13038	SIZE: A1
CUSTOMER DRAWING			SCALE: 4:1	SHEET: 19 OF 24	REV: M2

STE TE Connectivity

RIGHT ANGLE HEADER W/GUIDES ASSEMBLY MULTI-BEAM XL

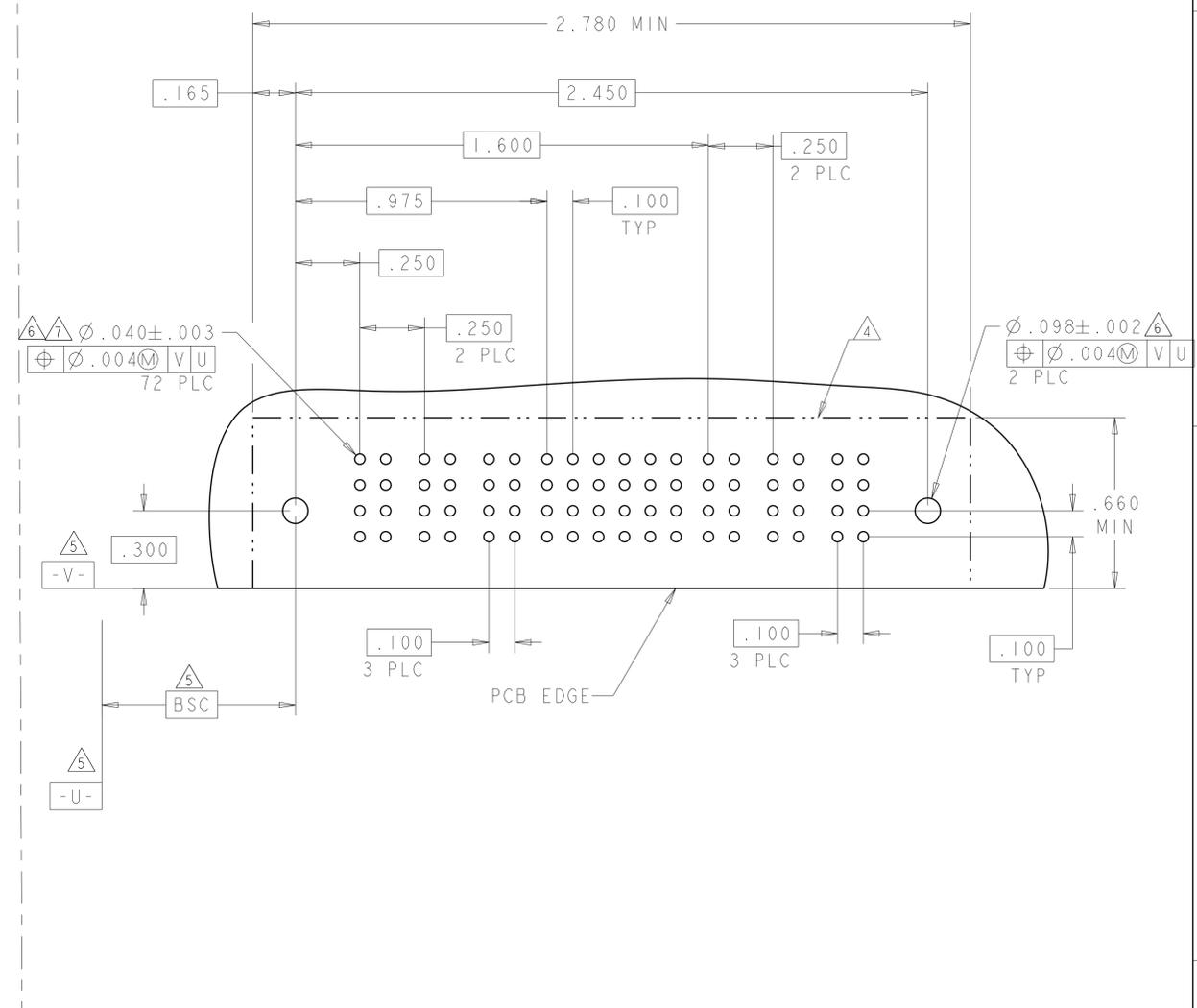
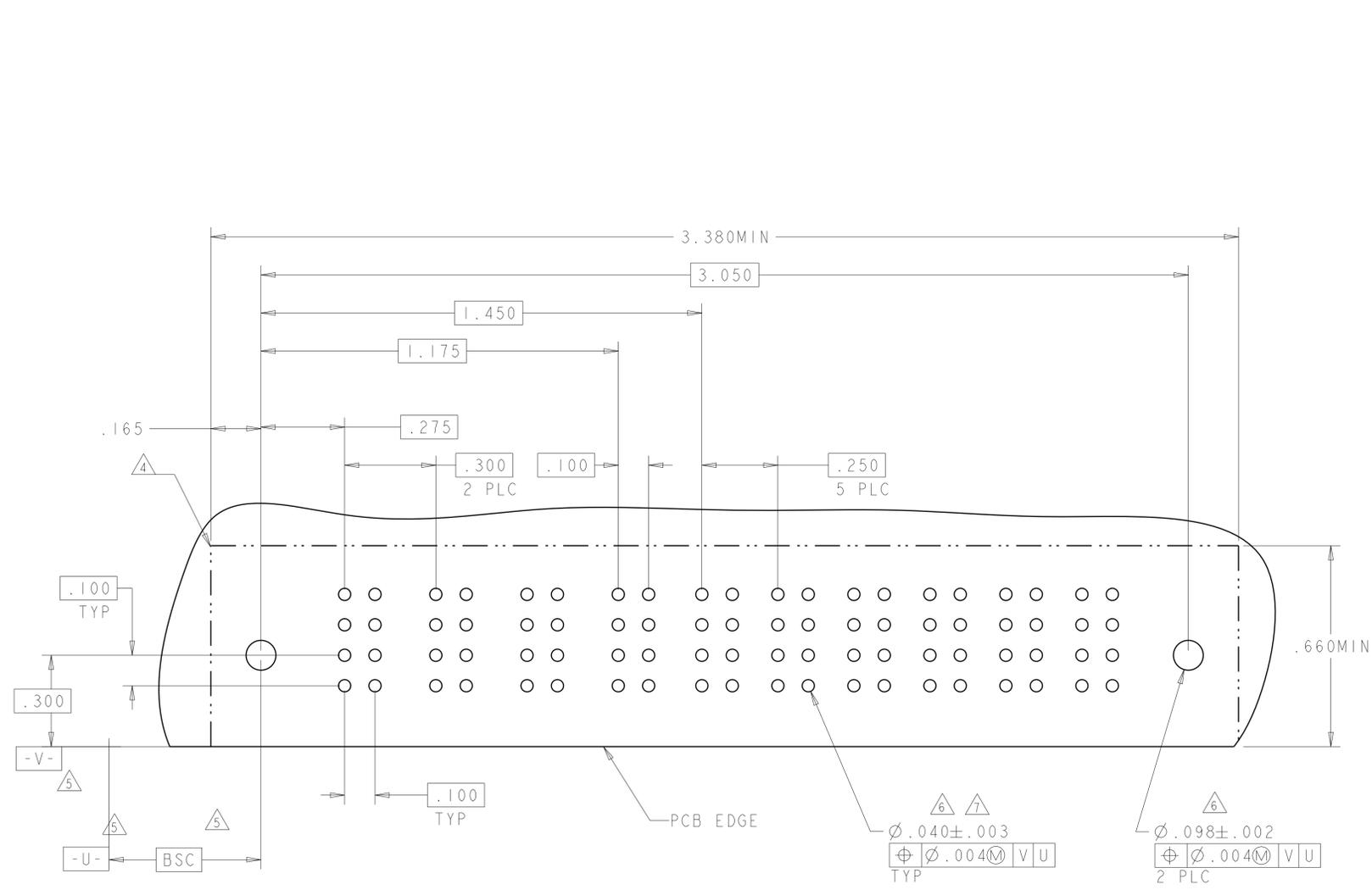
100779C=6450120

LOC	DIST	REV	DATE	BY	APPV
ES	00				

REVISIONS			
REV	DATE	BY	APPV
-	-	-	-
SEE SHEET 1			

PART NUMBER	ROWS	POWER			SIGNAL		POWER					
		P1	P2	P3	1	2	P4	P5	P6	P7	P8	P9
6-6450120-0	D C B A	PM	PM	PM	J	J	PM	PM	PM	PM	PM	PM
					K	K						
					N	N						
					H	S						
3ACP + 8S + 6P												

PART NUMBER	ROWS	POWER			SIGNAL						POWER		
		P1	P2	P3	1	2	3	4	5	6	P4	P5	P6
6-6450120-1	D C B A	PM	PM	PM	J	J	J	J	J	J	PM	PM	PM
					K	K	F	F	K	K			
					N	N	G	G	N	N			
					S	S	S	S	S	S			
3P + 24S + 3P													



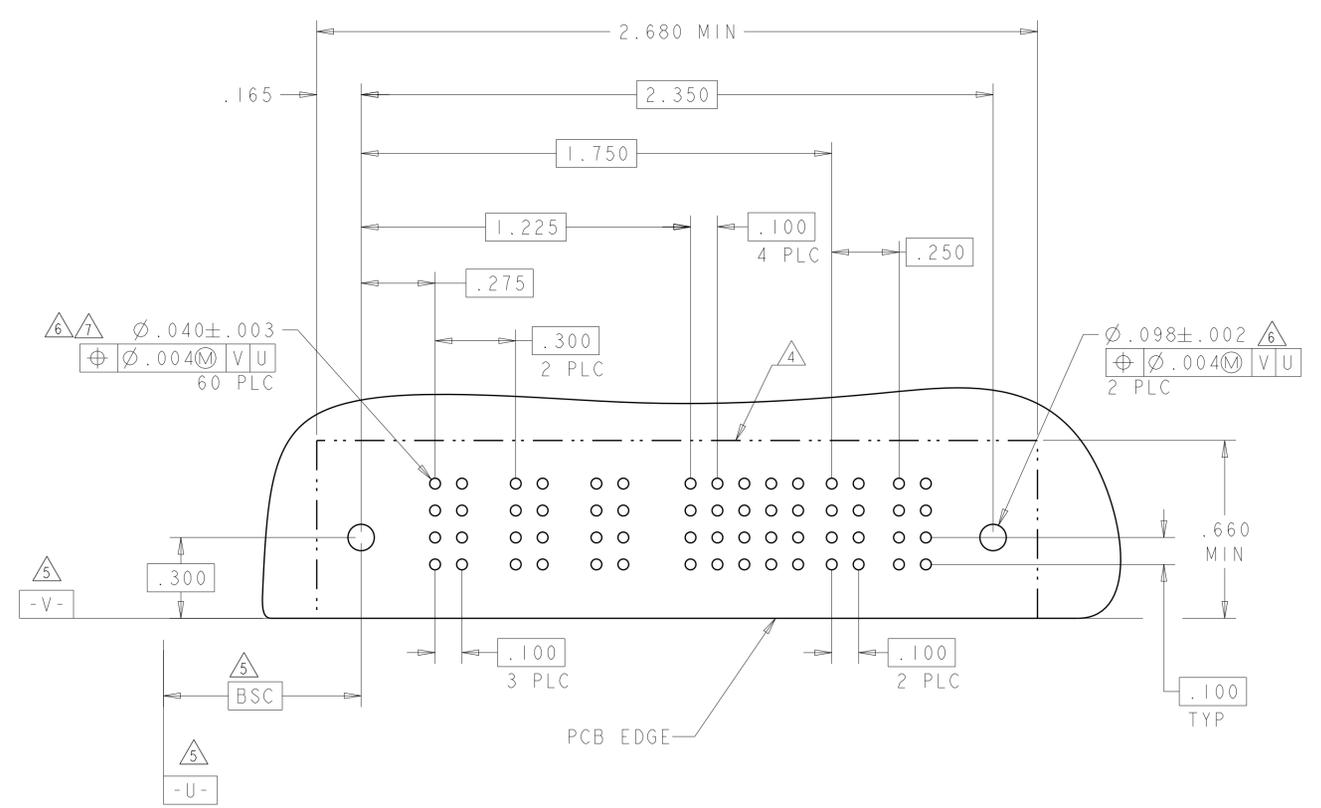
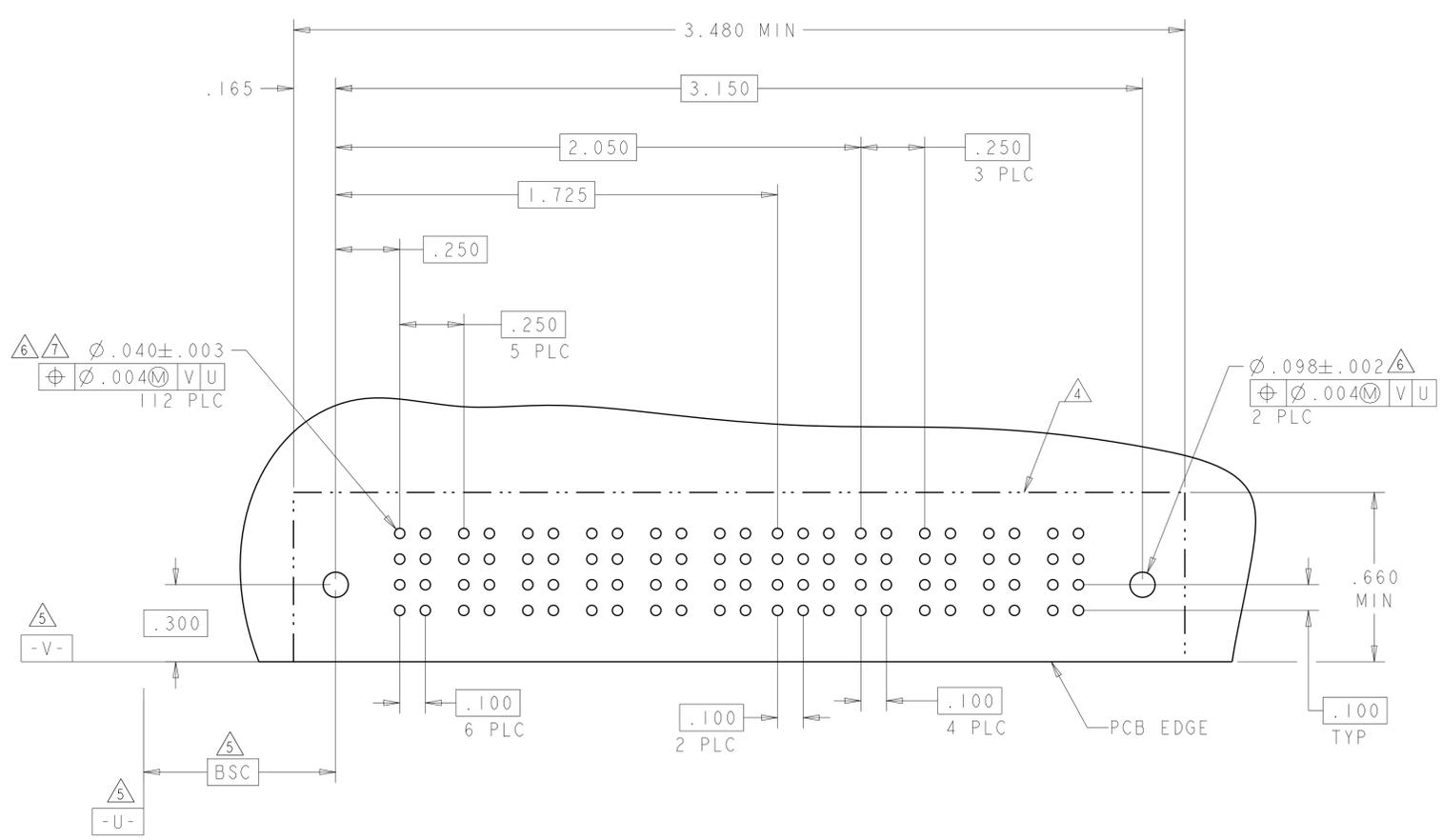
THIS DRAWING IS A CONTROLLED DOCUMENT.		OWN: R. GRZYBOWSKI 02FEB05	 TE Connectivity
DIMENSIONS: INCHES		CHK: M. PERCHERKE 02FEB05	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD: M. PERCHERKE 02FEB05	NAME: RIGHT ANGLE HEADER W/GUIDES ASSEMBLY MULTI-BEAM XL
0 PLC ± .01	1 PLC ± .01	PRODUCT SPEC: 108-1973	SIZE: CAGE CODE DRAWING NO: A100779
2 PLC ± .01	3 PLC ± .005	APPLICATION SPEC: 114-13038	RESTRICTED TO: -
4 PLC ± .002	ANGLES ± .020	WEIGHT: -	SCALE: 4:1 SHEET 20 OF 24 REV: M2
MATERIAL: -	FINISH: -	CUSTOMER DRAWING	

LOC	DIST	REV	DATE	BY	APPD
ES	00				
DESCRIPTION			DATE	BY	APPD
SEE SHEET 1					

PART NUMBER	ROWS	POWER						SIGNAL			POWER			
		P1	P2	P3	P4	P5	P6	1	2	3	P7	P8	P9	P10
6-6450120-4	D C B A	PM	PM	PM	PM	PM	J	J	E	PM	PM	PM	PM	
							K	K	F					
							N	N	N					
6P + 12S + 4P		HD					S	S	S				HD	

PART NUMBER	ROWS	POWER			SIGNAL						POWER	
		P1	P2	P3	1	2	3	4	5	6	P4	P5
6-6450120-5	D C B A	PM	PM	PM	J	J	J	J	J	J	PM	PM
					K	K	K	K	K			
					N	N	N	N	N			
3ACP + 24S + 2P		HD			S	S	S	S	S			HD

NO CONTACTS LOADED



THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:	TOLERANCES UNLESS OTHERWISE SPECIFIED:	OWN: R. GRZYBOWSKI 02FEB05	CHK: M. PERCHERKE 02FEB05	APVD: M. PERCHERKE 02FEB05	NAME: RIGHT ANGLE HEADER W/GUIDES ASSEMBLY MULTI-BEAM XL
INCHES	0 PLC ± .01 2 PLC ± .01 3 PLC ± .01 4 PLC ± .005 ANGLES ± .0020	PRODUCT SPEC: 108-1973	APPLICATION SPEC: 114-13038	WEIGHT: -	SIZE: A1
MATERIAL: -	FINISH: -	CAGE CODE: -	DRAWING NO: 6450120	SCALE: 4:1	SHEET 21 OF 24
CUSTOMER DRAWING			REV: M2		

STE TE Connectivity

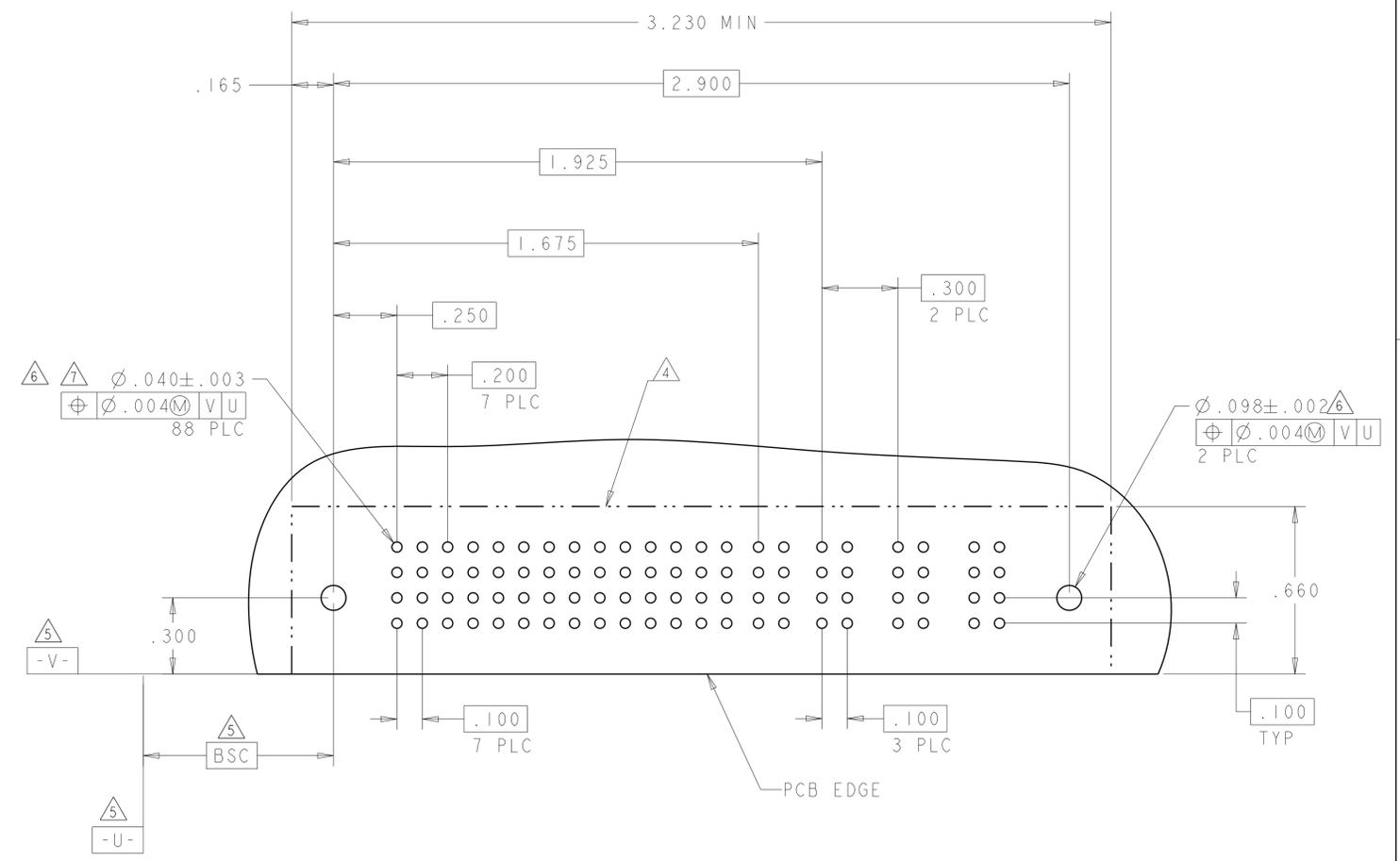
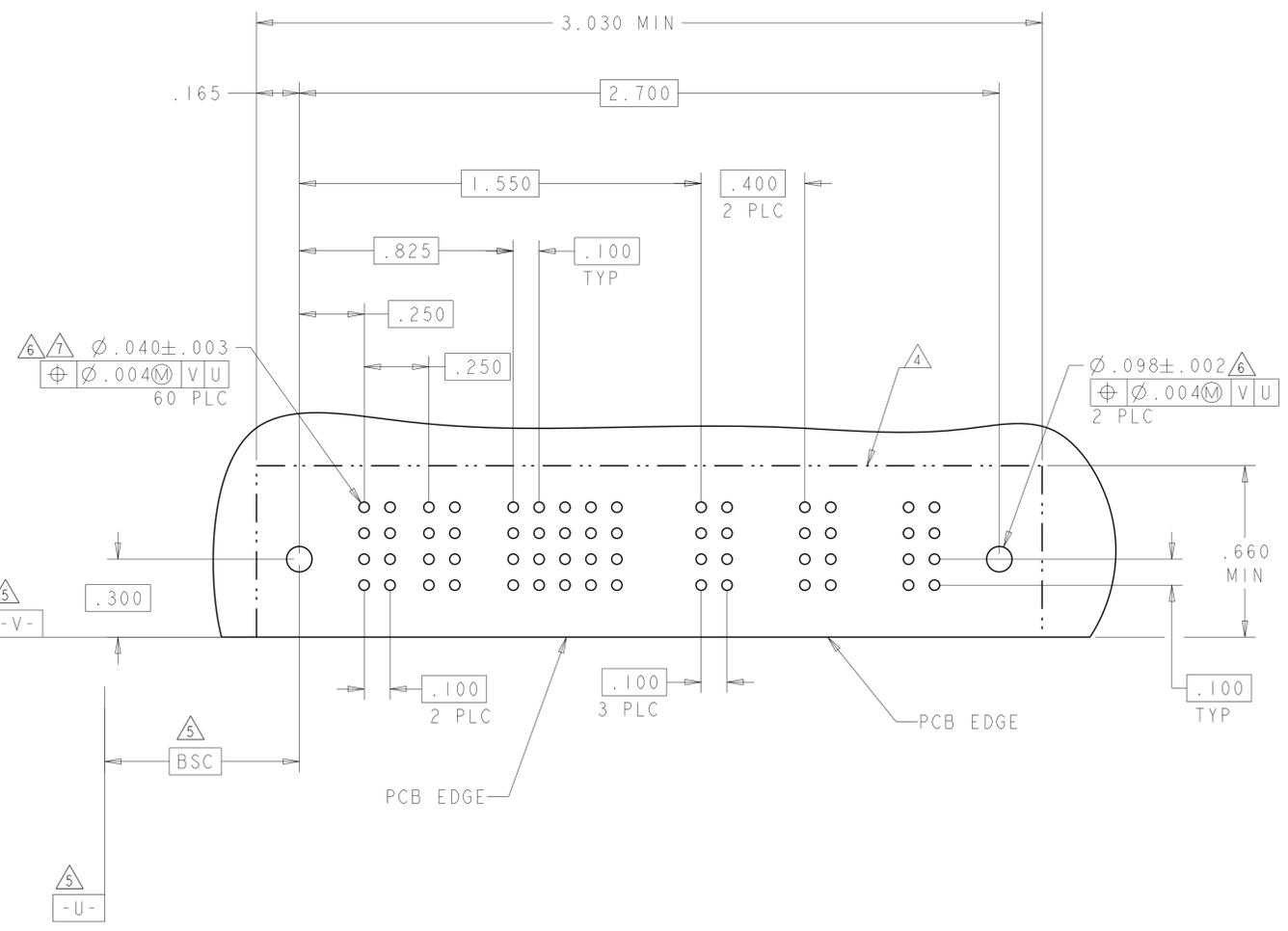
LOC		DIST		REVISIONS			
ES	00	P	LTN	DESCRIPTION	DATE	DMN	APVD
		-		SEE SHEET 1			

PART NUMBER	ROWS	POWER		SIGNAL						POWER					
		P1	P2	1	2	3	4	5	6	P3	P4	P5	P6	P7	P8
6-6450120-6	D	PM	PM	J	J	J	J	J		PM	PM	PM	PM	PM	PM
	C			K	K	K	K	K							
	B			N	N	N	N	N							
A	S	S	S	S	S										
2P + 24S + 6P		HD								HD					

NO CONTACTS LOADED

PART NUMBER	ROWS	POWER							SIGNAL		POWER		
		P1	P2	P3	P4	P5	P6	P7	1	2	P8	P9	P10
6-6450120-7	D	PM	PM	PM	PM	PM	PM	PM	E	E	PM	PM	PM
	C								F	F			
	B								G	G			
	A								H	H			
7HDP + 8S + 3ACP		HD									HD		

(L5)



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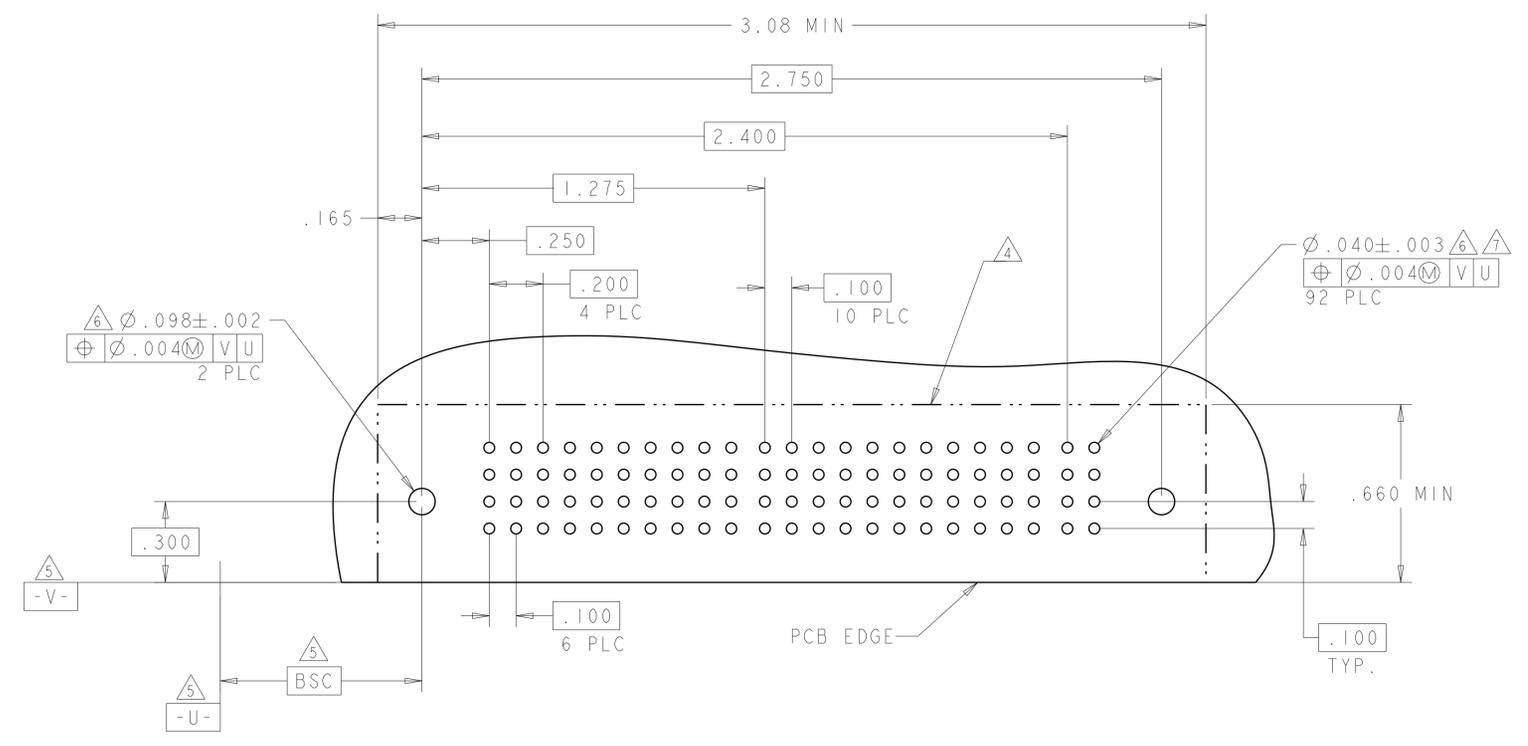
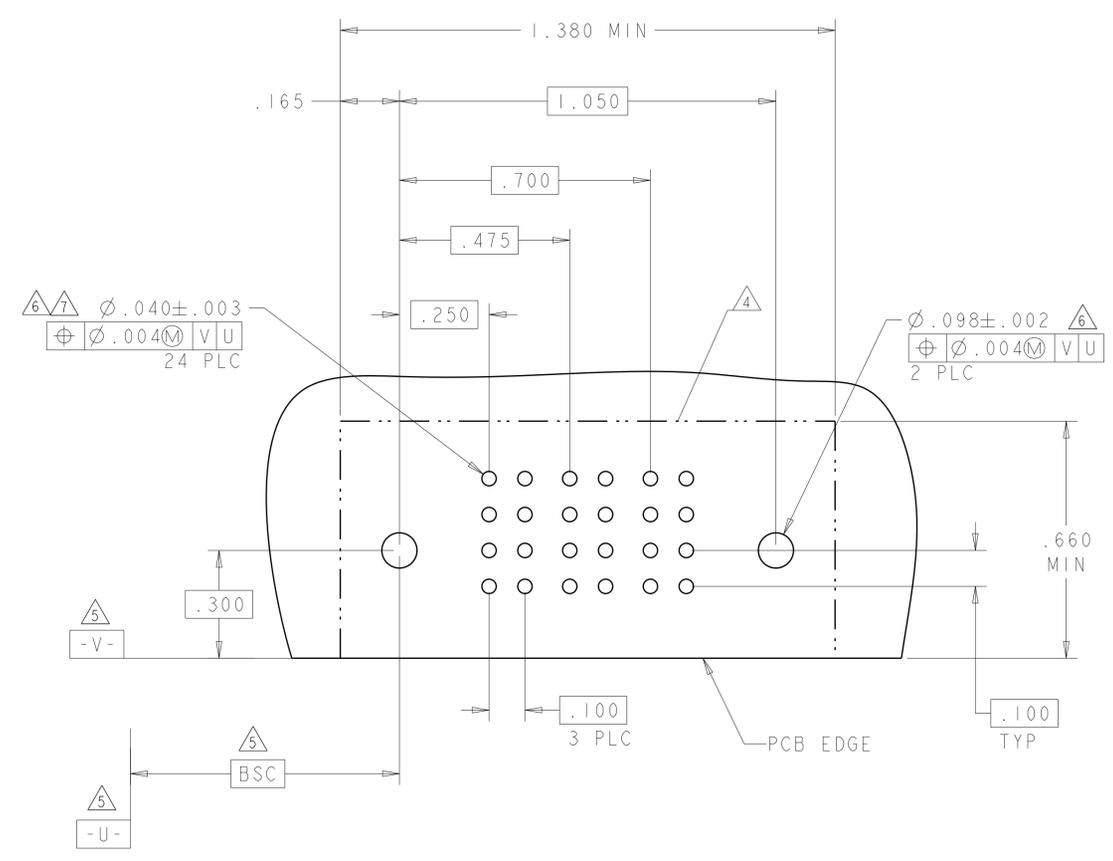
DIMENSIONS:	TOLERANCES UNLESS OTHERWISE SPECIFIED:	OWN: R. GRZYBOWSKI 02FEB05	CHK: M. PERCHERKE 02FEB05	APVD: M. PERCHERKE 02FEB05	NAME: RIGHT ANGLE HEADER W/GUIDES ASSEMBLY MULTI-BEAM XL
INCHES	0 PLC ±.01 1 PLC ±.01 2 PLC ±.01 3 PLC ±.005 4 PLC ±.002 ANGLES ±.020	PRODUCT SPEC: 108-1973	APPLICATION SPEC: 114-13038	WEIGHT: -	SIZE: A1
MATERIAL: -	FINISH: -	CAGE CODE: 6450120	SCALE: 4:1	SHEET: 22	REV: M2

CUSTOMER DRAWING

LOC		DIST		REVISONS			
ES	00	P	LTN	DESCRIPTION	DATE	DWN	APVD
		-		SEE SHEET 1			

PART NUMBER	ROWS	POWER		SIGNAL		POWER	
		P1	P2	1	2	P1	P2
6-6450120-8	D C B A	PM	PM	J	J	PM	PM
				K	K		
				N	N		
				S	S		
IP + 8S + IP		HD	HD			HD	HD

PART NUMBER	ROWS	POWER					SIGNAL											POWER	
		P1	P2	P3	P4	P5	1	2	3	4	5	6	7	8	9	10	11	P6	
7-6450120-0	D C B A	PM	PM	PM	PM	J	J	J	J	J	J	J	J	J	J	J	J	J	PM
						G	N	N	N	N	N	K	F	F	F	F	F		
						H	H	H	H	H	H	S	S	H	H	H	H		
						5P + 44S + IP													
		HD	HD	HD	HD	HD	HD	HD	HD	HD	HD	HD	HD	HD	HD	HD	HD	HD	HD



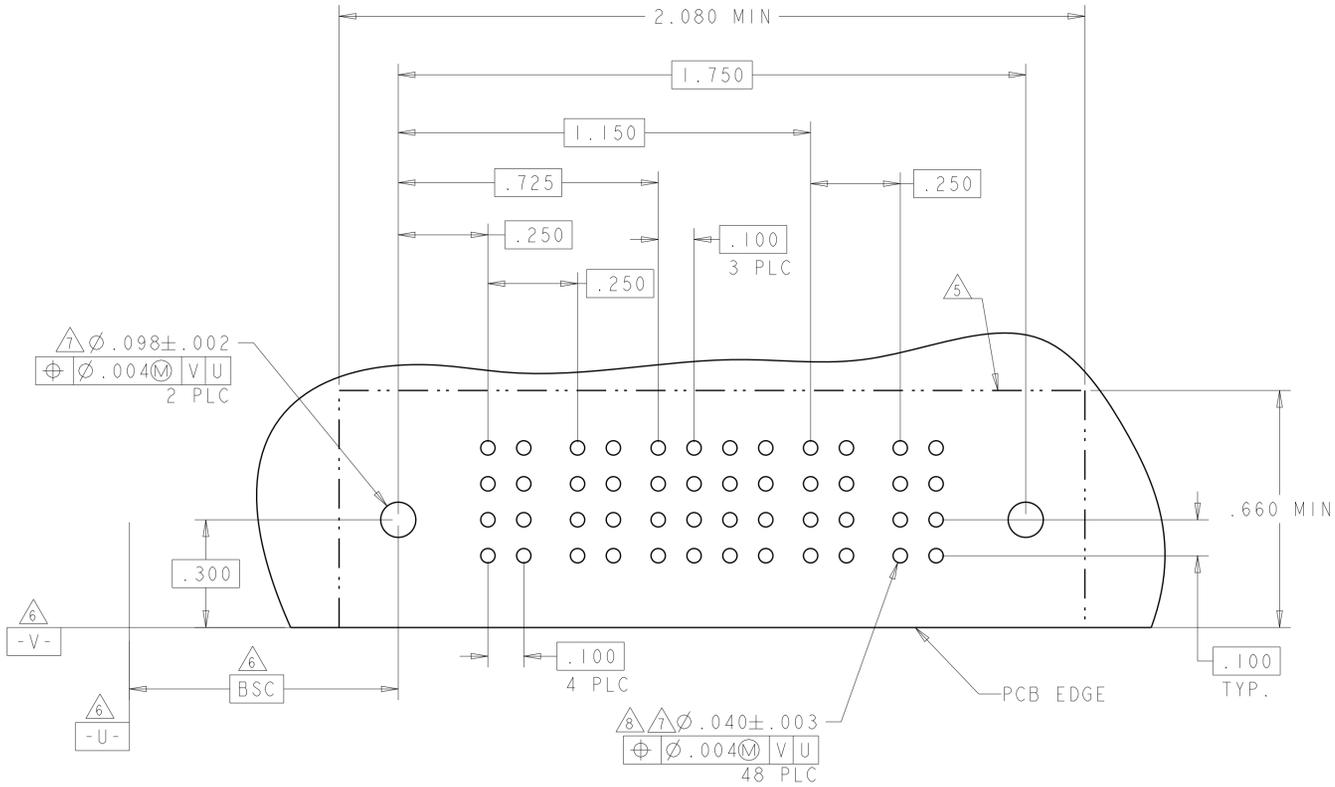
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DIMENSIONS: INCHES	TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC \pm .01 2 PLC \pm .01 3 PLC \pm .005 4 PLC \pm .0020 ANGLES $\pm 30^\circ$	FINISH	APPROVED: M. PERCHERKE	DATE: 02FEB05	NAME: M. PERCHERKE
MATERIAL	FINISH	WEIGHT	PRODUCT SPEC: 108-1973	APPLICATION SPEC: 114-13038	SIZE: A1
CUSTOMER DRAWING			SCALE: 4:1	SHEET: 23 OF 24	REV: M2

STE TE Connectivity
 RIGHT ANGLE HEADER W/GUIDES ASSEMBLY MULTI-BEAM XL

LOC	DIST	REVISIONS					
		P	LTN	DESCRIPTION	DATE	DMN	APVD
ES	00	-	-	SEE SHEET 1	-	-	-

PART NUMBER	ROWS	POWER		SIGNAL				POWER	
		P1	P2	1	2	3	4	P3	P4
7-6450120-1	D	PM	PM	E	E	E	E	PM	PM
	C			F	F	F	F		
	B			N	N	N	N		
	A			H	H	H	H		
2P + 16S + 2P		HD						HD	



THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: INCHES	TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±. 1 PLC ±. 2 PLC ±.01 3 PLC ±.005 4 PLC ±.0020 ANGLES ±7°	DWN: R. GRZYBOWSKI 02FEB05 CHK: M. PERCHERKE 02FEB05 APVD: M. PERCHERKE 02FEB05 PRODUCT SPEC: 108-1973 APPLICATION SPEC: 114-13038 WEIGHT: - CUSTOMER DRAWING	NAME: RIGHT ANGLE HEADER W/GUIDES ASSEMBLY MULTI-BEAM XL SIZE: A1 CAGE CODE: 6450120 DRAWING NO: 100779 SCALE: 4:1 SHEET: 24 OF 24 REV: M2
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