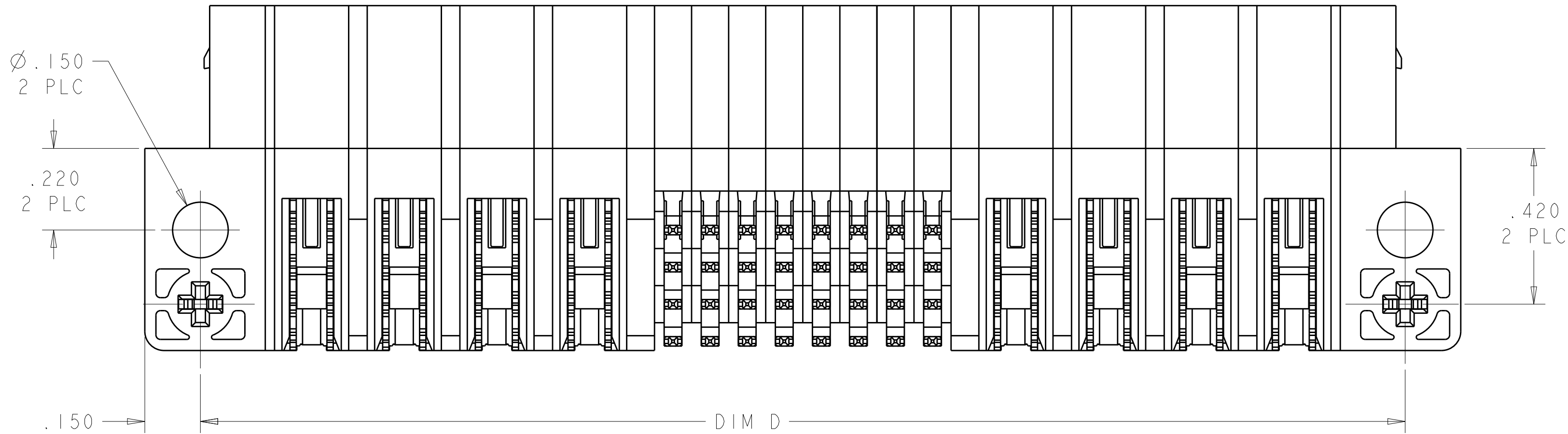
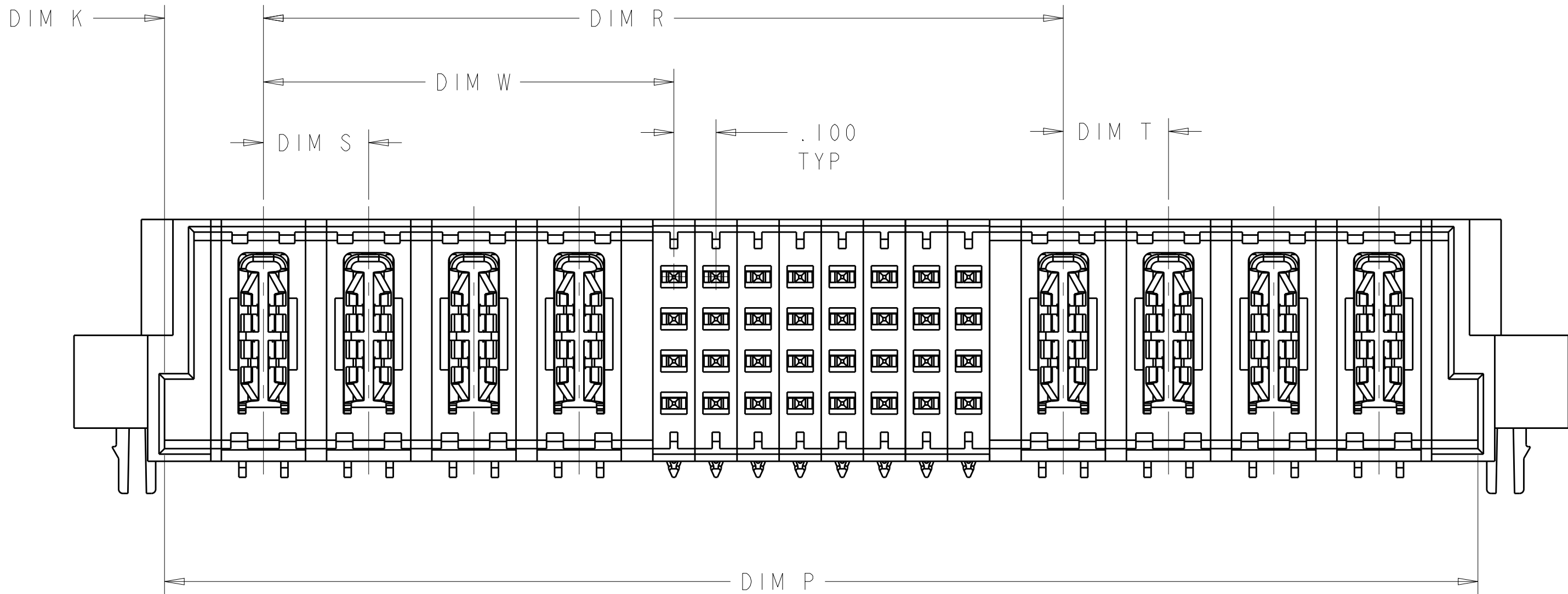
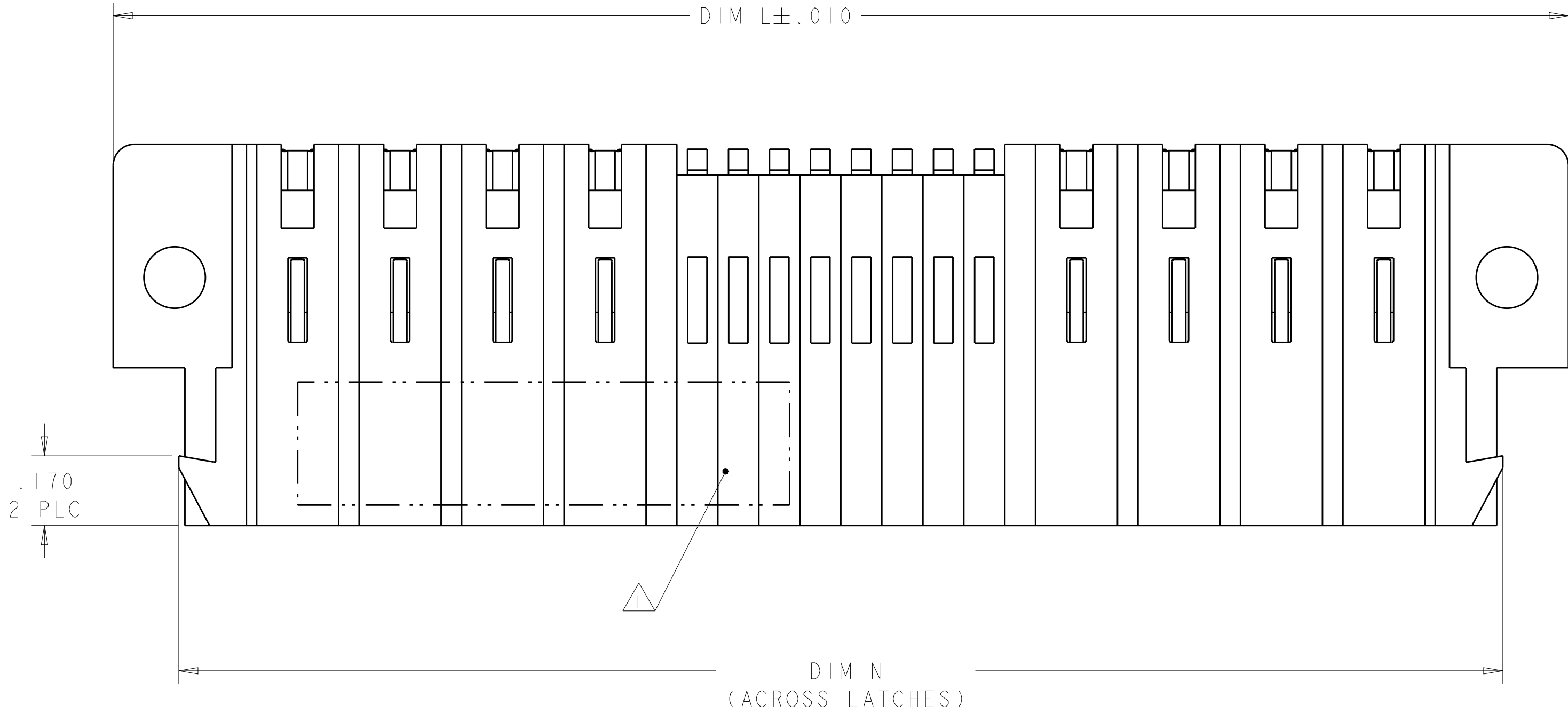
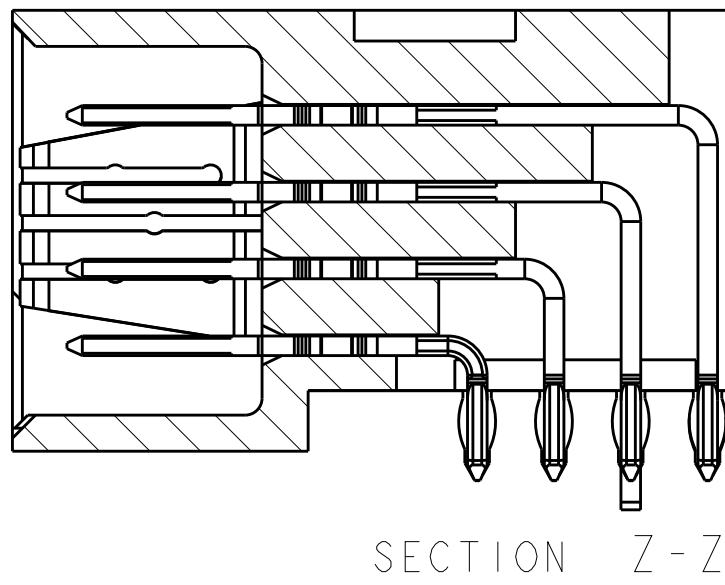
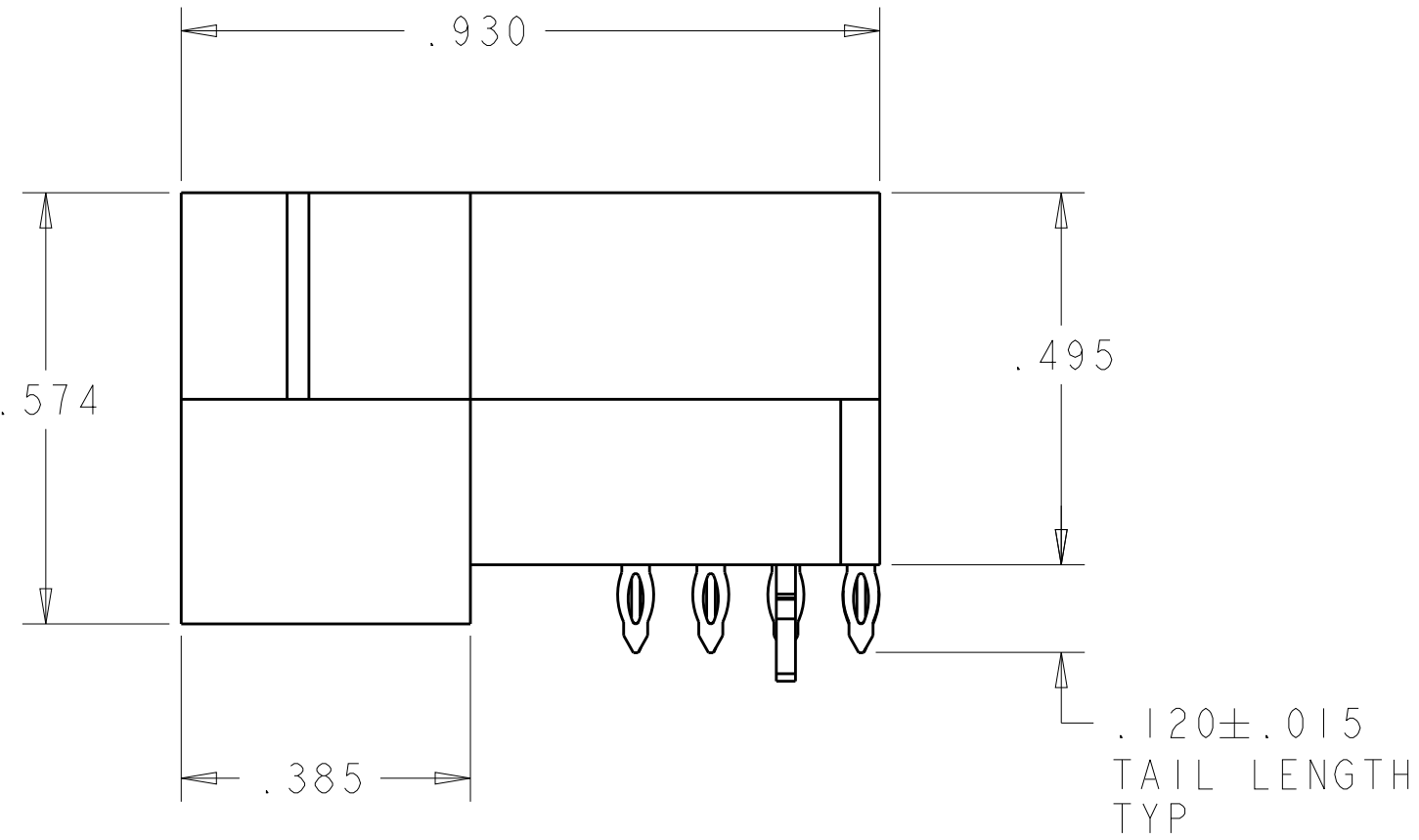


LOC	DIST	REVISIONS					
ES	00	P	LTR	DESCRIPTION	DATE	DWN	APVD
			A7	ADDED NEW DASH NUMBER -8	26JUL2012	CZ	SZ
			A8	REVISED FOR -8	03AUG2012	CZ	SZ



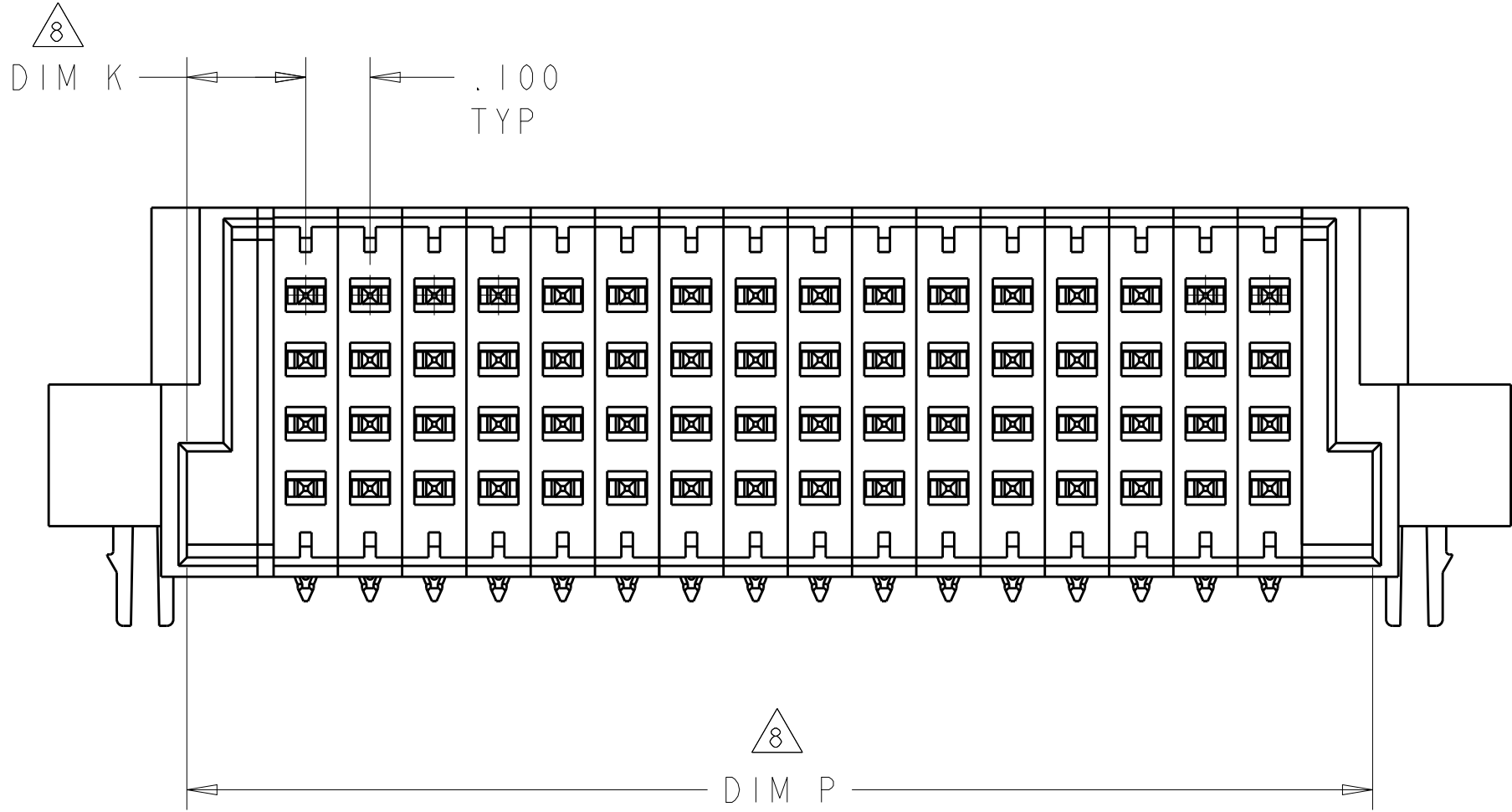
- 1 "AMP" PART NUMBER AND DATE CODE TO BE MARKED IN AREA SHOWN. PARTS UNDER 2.00 INCHES LONG MAY BE MARKED ON BOTH SIDES.
- 2 MATERIAL: HOUSING - GLASS FILLED HIGH TEMP THERMO PLASTIC, UL 94 V-0
SIGNAL CONTACT - COPPER ALLOY
POWER CONTACT - HIGH CONDUCTIVITY COPPER ALLOY.
- 3 CONTACT PLATING: NOBLE METAL PLATING ON 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 FOR CONFIGURATION "S" DIMENSIONS PLEASE REFER TO SHEET 2.



A7	1.400	-	.300	1.270	1.380	-	.850	1.700	.235	3ACP + 4S	6450528-8
	1.975	-	-	1.845	1.955	-	-	2.275	.185	64S 8	6450528-7
	2.750	-	.300	2.620	2.730	-	2.050	3.050	.260	7ACP + 8S	6450528-6
	3.100	.300	.300	2.970	3.080	1.800	.850	3.400	.285	3ACP + 32S + 3ACP	6450528-5
	1.050	-	-	.920	1.030	.450	.225	1.350	.235	1P + 4S + 1P	6450528-4
	3.350	-	.300	3.220	3.330	-	2.300	3.650	.260	8ACP + 24S	6450528-3
	3.250	.250	.250	3.120	3.230	1.900	.975	3.550	.235	4P + 32S + 4P	6450528-1
	DIM D	DIM T	DIM S	DIM P	DIM N	DIM R	DIM W	DIM L	DIM K	DESCRIPTION	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.				DWN: CECILY.ZHOU 25JUL2006	TE Connectivity	
DIMENSIONS: INCHES				CHK: S.ZHAO 25JUL2006	NAME	
TOLERANCES UNLESS OTHERWISE SPECIFIED:				APVD: S.ZHAO 25JUL2006	RIGHT ANGLE HEADER ASSEMBLY W/END LATCHES MULTI-BEAM XL	
0 PLC ±.01				PRODUCT SPEC	SIZE	
1 PLC ±.01				APPLICATION SPEC	CAGE CODE	
2 PLC ±.01				108-1973	DRAWING NO	
3 PLC ±.005				114-13038	RESTRICTED TO	
4 PLC ±.0020				WEIGHT	A100779	
ANGLES ±.0020				CUSTOMER DRAWING	SCALE 4:1	
FINISH					SHEET 1 OF 7	
					REV B	

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



FOR CONFIGURATION "S", OTHER DIMENSIONS PLEASE REFER TO SHEET 1

THIS DRAWING IS A CONTROLLED DOCUMENT.

DWN: CECILY.ZHOU 25JUL2006
CHK: S.ZHAO 25JUL2006
APVD: S.ZHAO 25JUL2006

TE Connectivity

DIMENSIONS:
INCHES

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

TOLERANCES UNLESS OTHERWISE SPECIFIED:

PRODUCT SPEC 108-1973
APPLICATION SPEC 114-13038
WEIGHT -
CUSTOMER DRAWING

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

SIZE: A1
CAGE CODE: 00779
DRAWING NO: 6450528

RESTRICTED TO: -

SCALE: 4:1

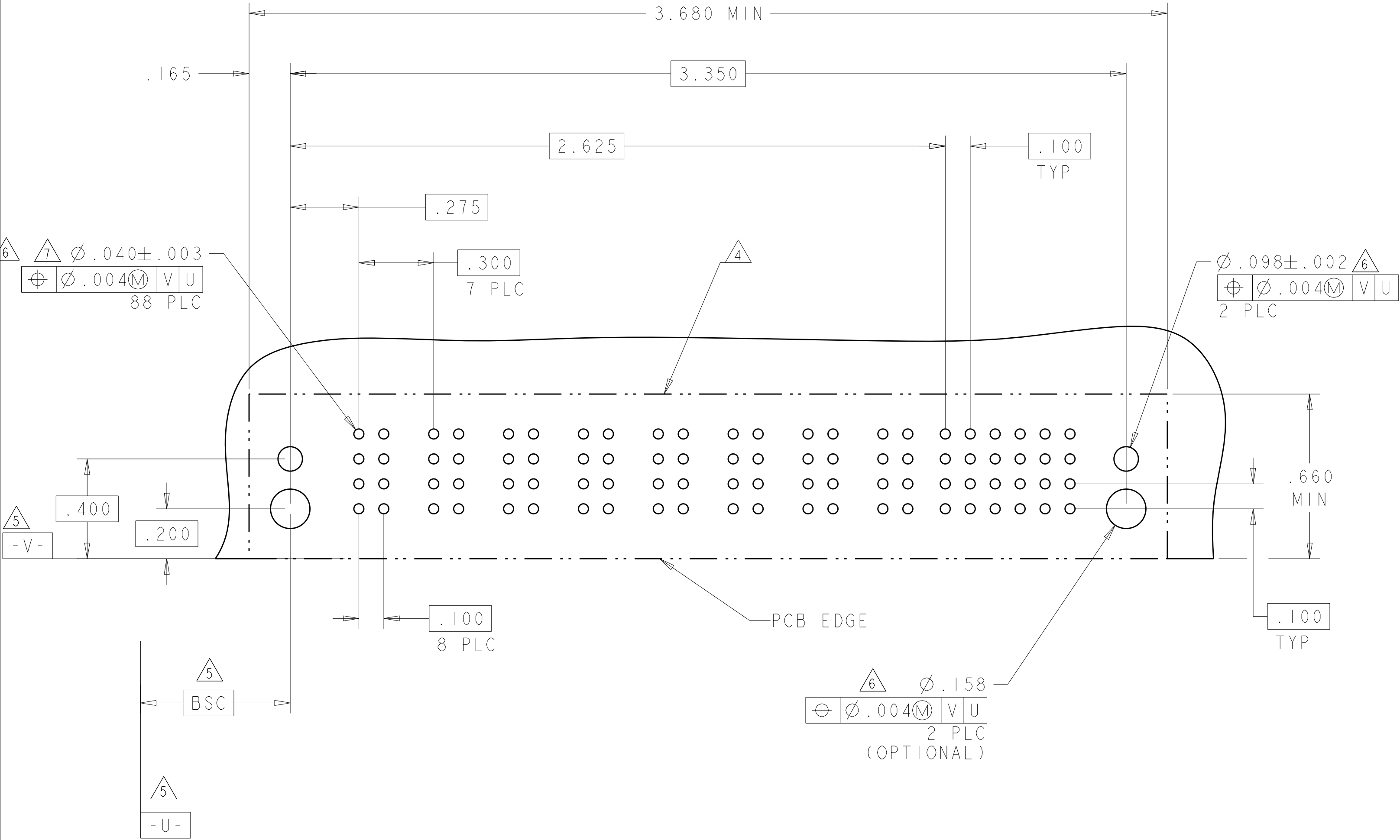
SHEET: 2 OF 7

REV: B

Z5	STD	D
Y5	STD	C
R5	STD	B
O5	STD	A
CODE	MATING SEQUENCE	ROW
SIGNAL CONTACT		

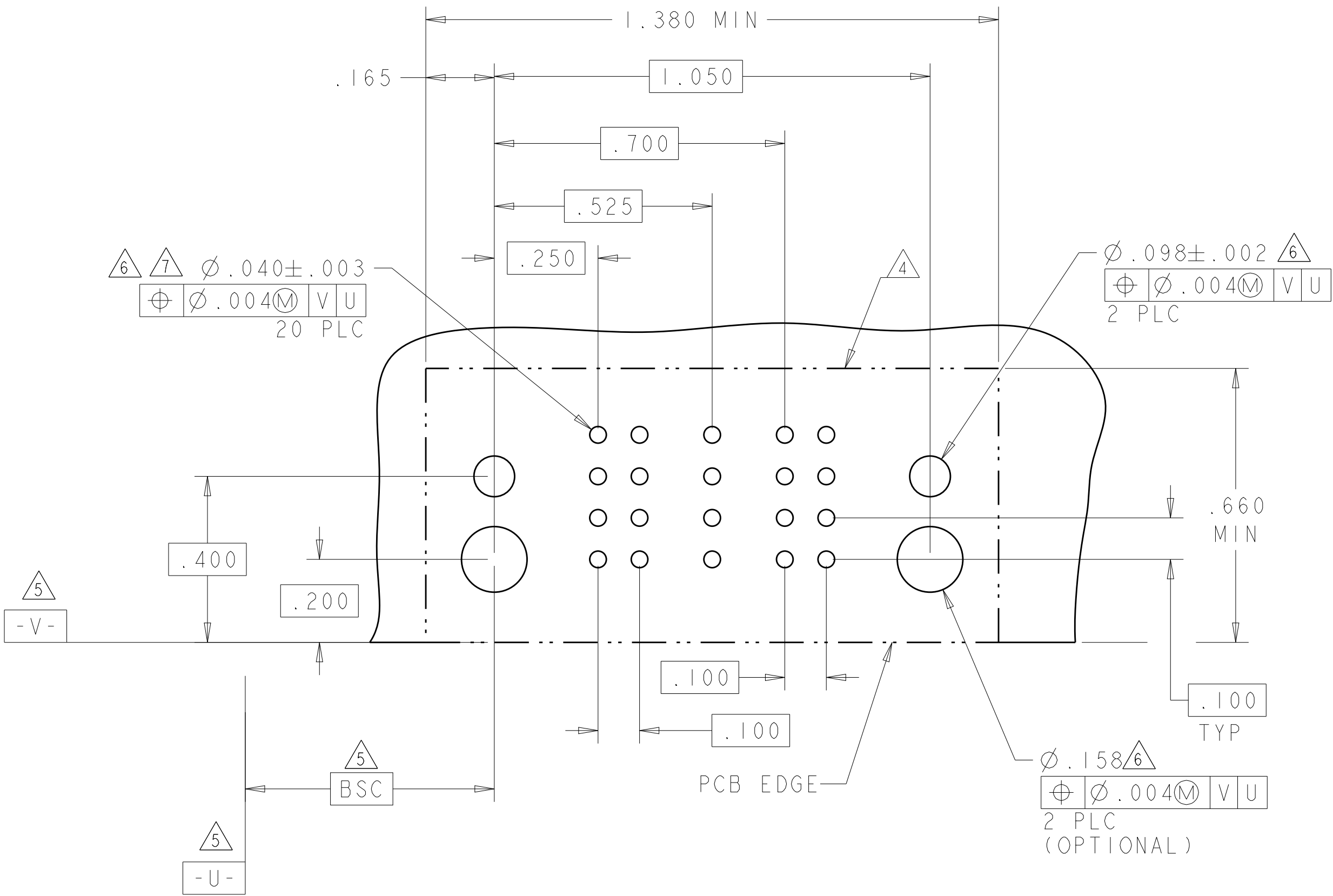
4805 (3/11)

PART NUMBER	ROWS		POWER								SIGNAL						
			P1	P2	P3	P4	P5	P6	P7	P8	1	2	3	4	5	6	
6450528-3	D	HD	PT	PT	PT	PT	PT	PT	PT	Z5	Z5	Z5	Z5	Z5	Z5	HD	
	C									Y5	Y5	Y5	Y5	Y5	Y5		
	B									R5	R5	R5	R5	R5	R5		
	A									O5	O5	O5	O5	O5	O5		
8ACP + 24S																	



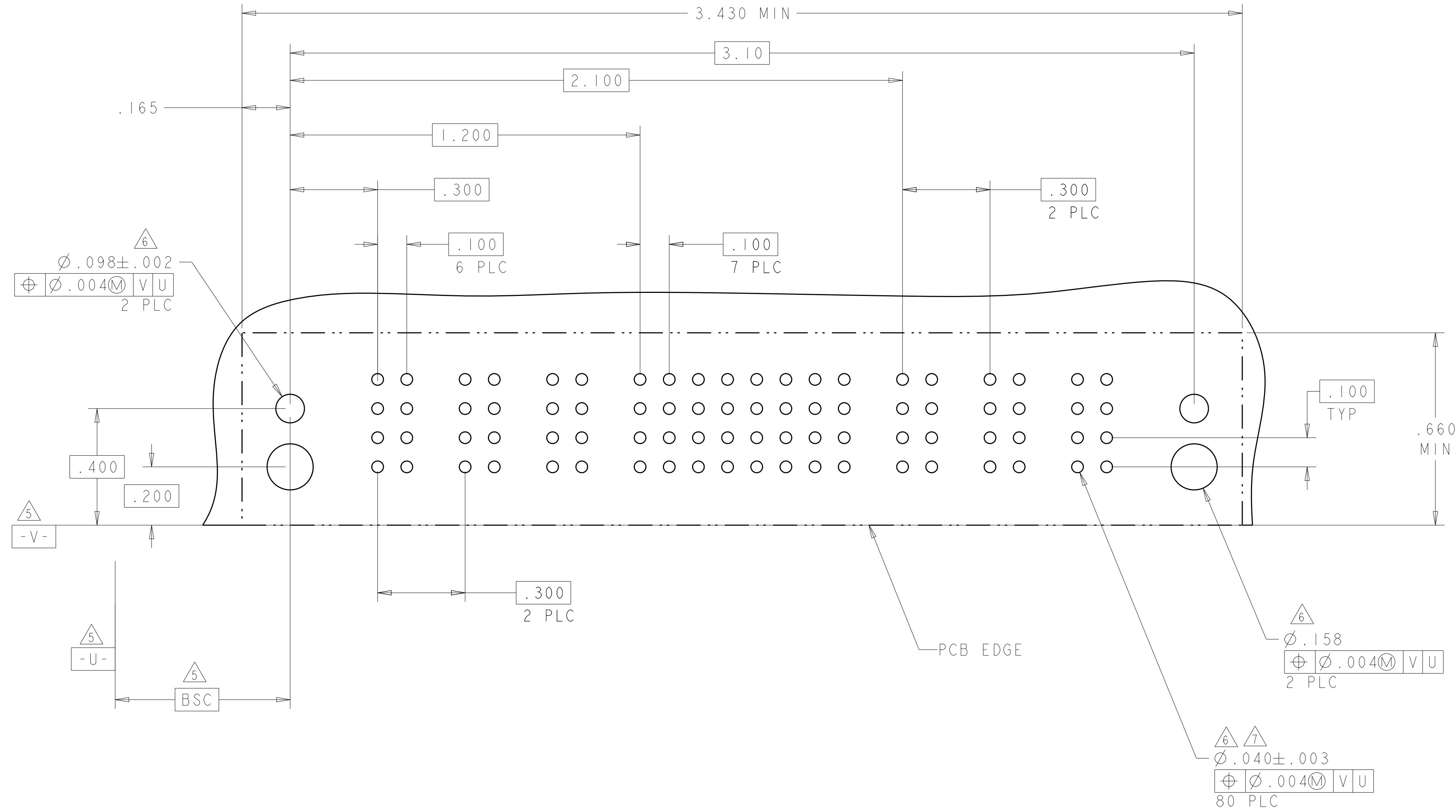
LOC		DIST		REVISIONS			
P	LTR	DESCRIPTION		DATE	DWN	APVD	
-	-	SEE SHEET 1		-	-	-	

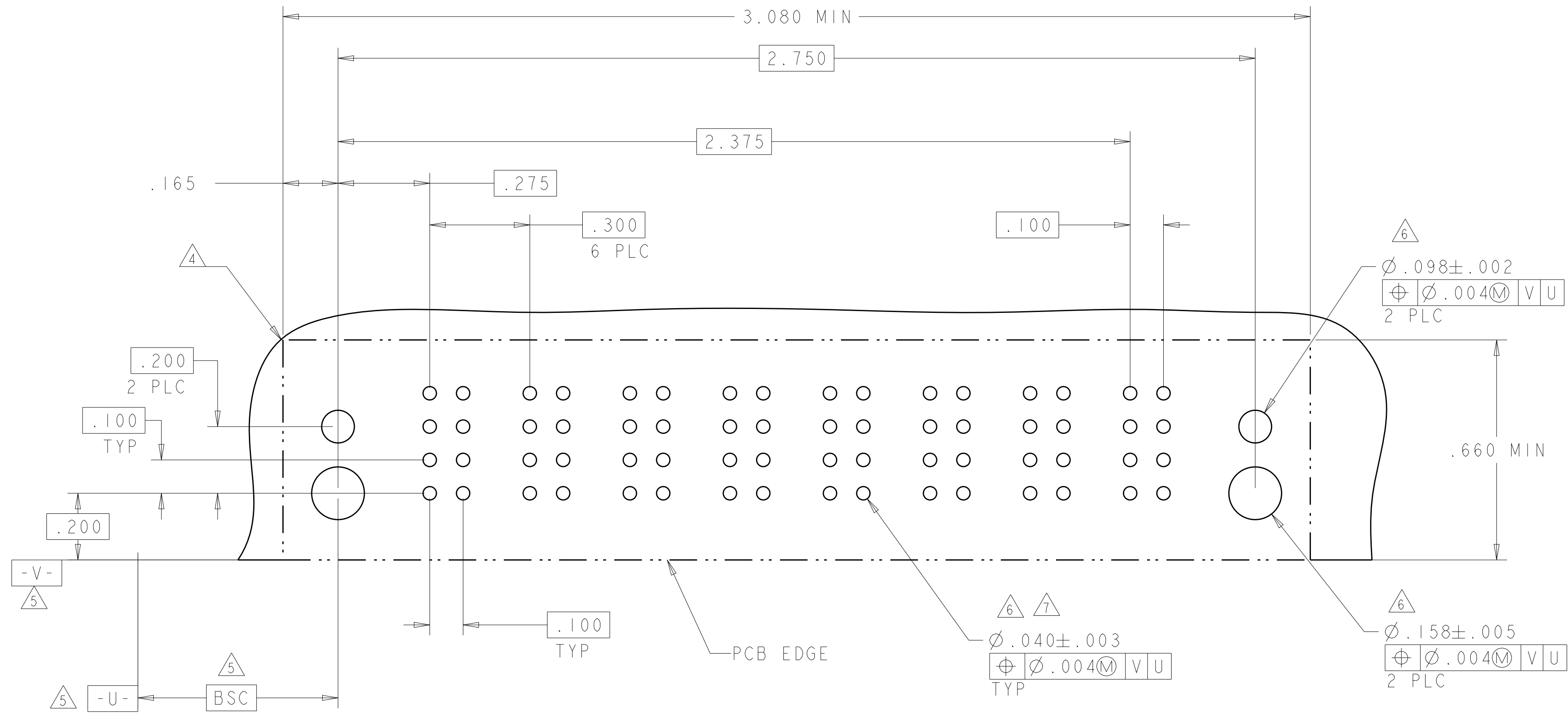
PART NUMBER	ROWS		POWER	SIGNAL	POWER	
			P1	I	P2	
6450528-4	D	HD	PT	Z5	PT	HD
	C			Y5		
	B			R5		
	A			O5		
IP + 4S + IP						



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

PART NUMBER	ROWS	POWER			SIGNAL								POWER			
		P1	P2	P3	1	2	3	4	5	6	7	8	P4	P5	P6	
6450528-5	D	PT	PT	PT	Z5	Z5	Z5	Z5	Z5	Z5	Z5	Z5	PT	PT	PT	HD
	C				Y5	Y5	Y5	Y5	Y5	Y5	Y5					
	B				R5	R5	R5	R5	R5	R5	R5					
	A				O5	O5	O5	O5	O5	O5	O5					
3ACP + 32S + 3ACP																

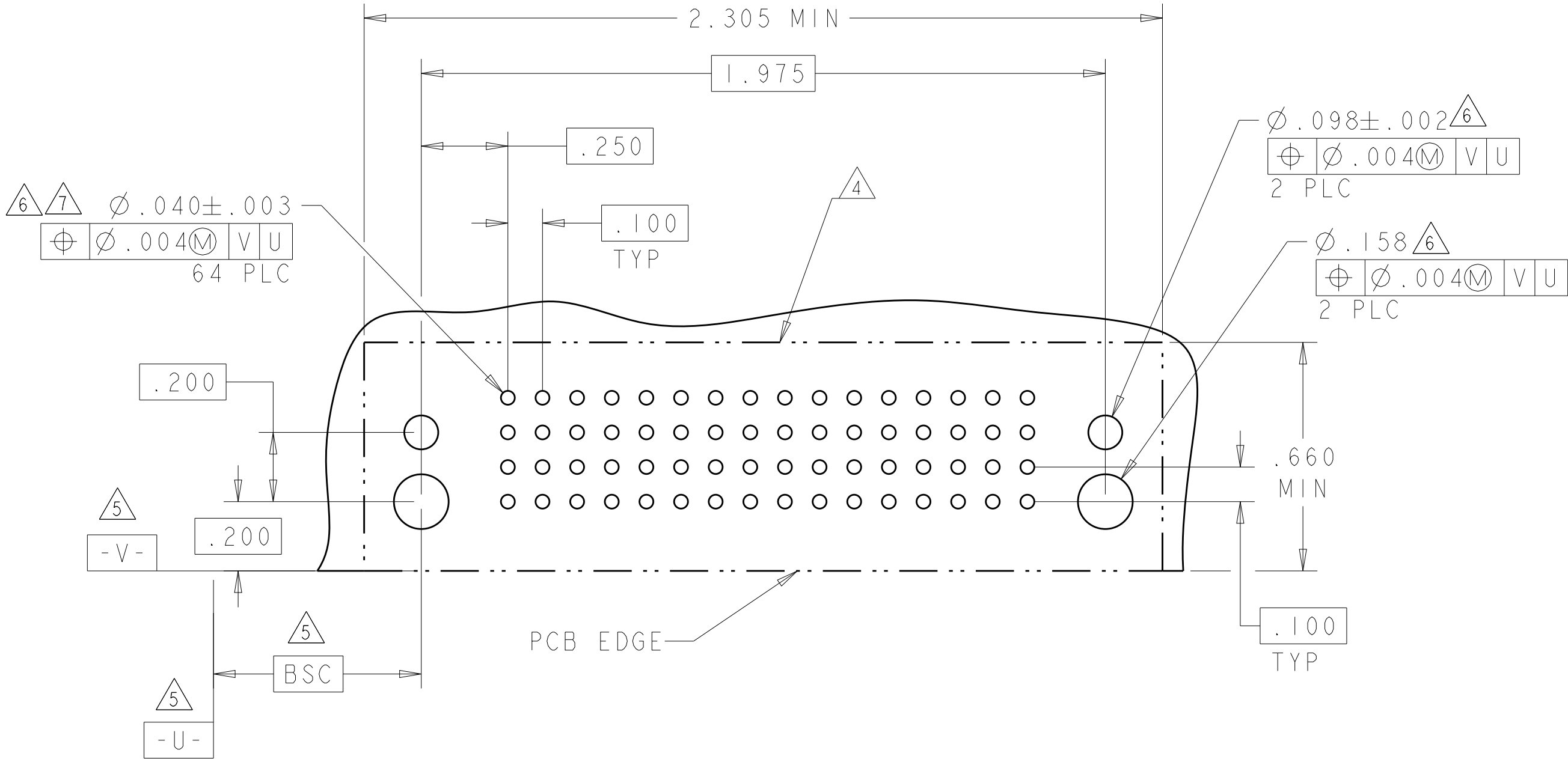


[illegible]

THIS DRAWING IS A CONTROLLED DOCUMENT.						DWN SECILY,ZHO	25JUL2006								
DIMENSIONS: INCHES						CW S.ZHAO	25JUL2006	TE Connectivity							
						APVD S.ZHAO	25JUL2006				NAME	RIGHT ANGLE HEADER ASSEMBLY W/END LATCHES MULTI-BEAM XL			
TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±. 1 PLC ±. 2 PLC ±.01 3 PLC ±.005 4 PLC ±.0020 ✓ ANGLES						PRODUCT SPEC									
						108-1973									
						MATERIAL								APPLICATION SPEC	
114-13038		A1		00779	C=6450528							-			
FINISH						WEIGHT		CUSTOMER DRAWING		SCALE	4:1	SHEET	6 OF 7	REV	B

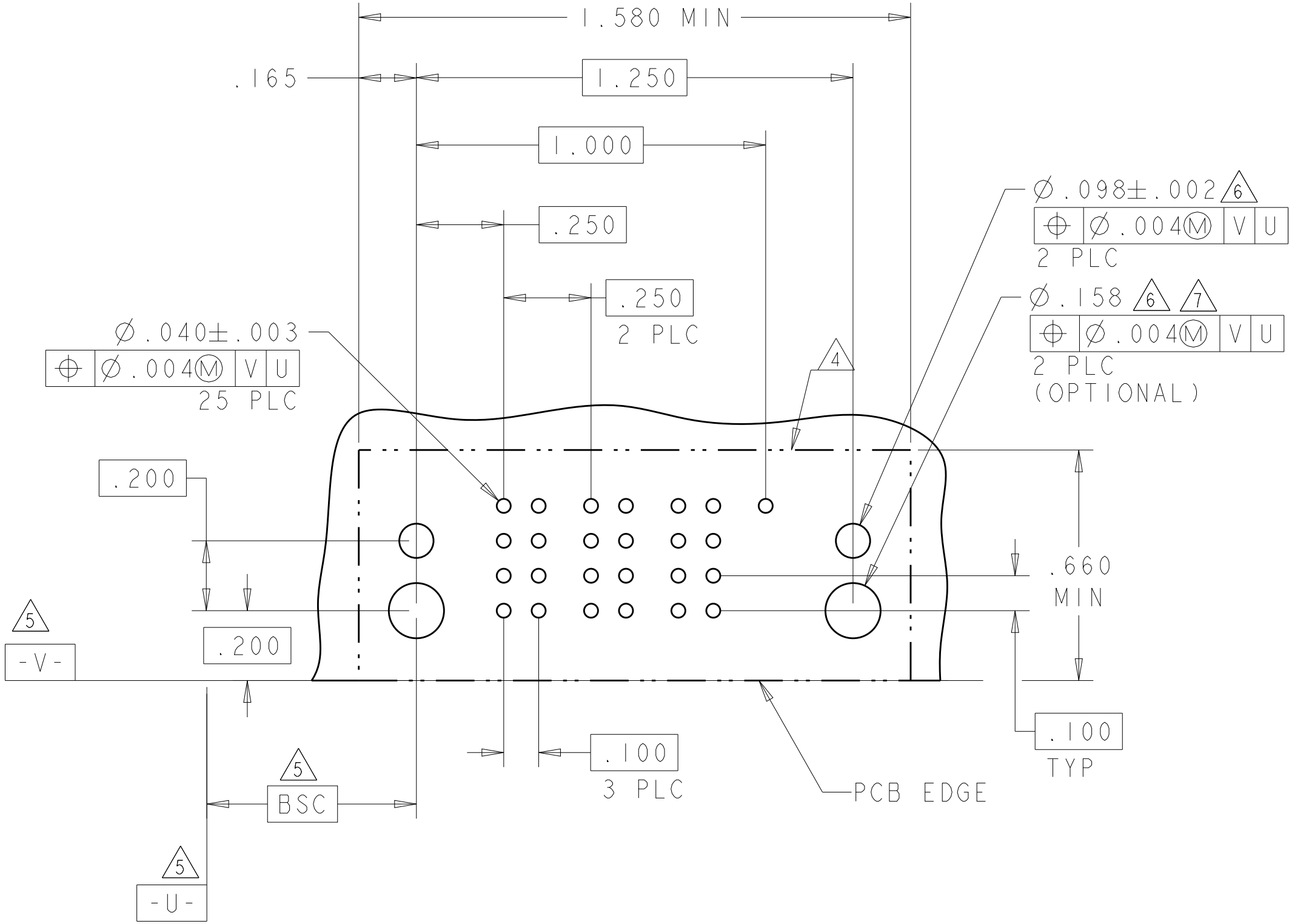
LOC	DIST	REVISIONS				
		P	LTR	DESCRIPTION	DATE	OWN
ES	00	-	-	SEE SHEET 1	-	-

PART NUMBER	ROWS		SIGNAL																POWER			
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	P5	P6	P7	P8
6450528-7	D C B A	HD	Z5	Z5	Z5	Z5	Z5	Z5	Z5	Z5	Z5	Z5	Z5	Z5	Z5	Z5	Z5	Z5	PT	PT	PT	PT
			Y5	Y5	Y5	Y5	Y5	Y5	Y5	Y5	Y5	Y5	Y5	Y5	Y5	Y5	Y5	Y5				
			R5	R5	R5	R5	R5	R5	R5	R5	R5	R5	R5	R5	R5	R5	R5	R5				
			O5	O5	O5	O5	O5	O5	O5	O5	O5	O5	O5	O5	O5	O5	O5	O5				
64S																						



PART NUMBER	ROWS	POWER			SIGNAL		
		P1	P2	P3	I		
6450528-8	D C B A	HD	PT	PT	PT	Z5	HD
3P + 4S							

NO CONTACTS LOADED



THIS DRAWING IS A CONTROLLED DOCUMENT.

DWN: CECILY.ZHOU 25JUL2006
CHK: S.ZHAO 25JUL2006
APVD: S.ZHAO 25JUL2006

NAME: RIGHT ANGLE HEADER ASSEMBLY W/END LATCHES 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 ±2°
FINISH

MATERIAL

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

CUSTOMER DRAWING

SIZE: A1
CAGE CODE: 00779
DRAWING NO: 6450528

RESTRICTED TO: -

SCALE: 4:1
SHEET: 7 OF 7
REV: B

Mouser Electronics

Authorized Distributor

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[TE Connectivity:](#)

[6450528-1](#)