

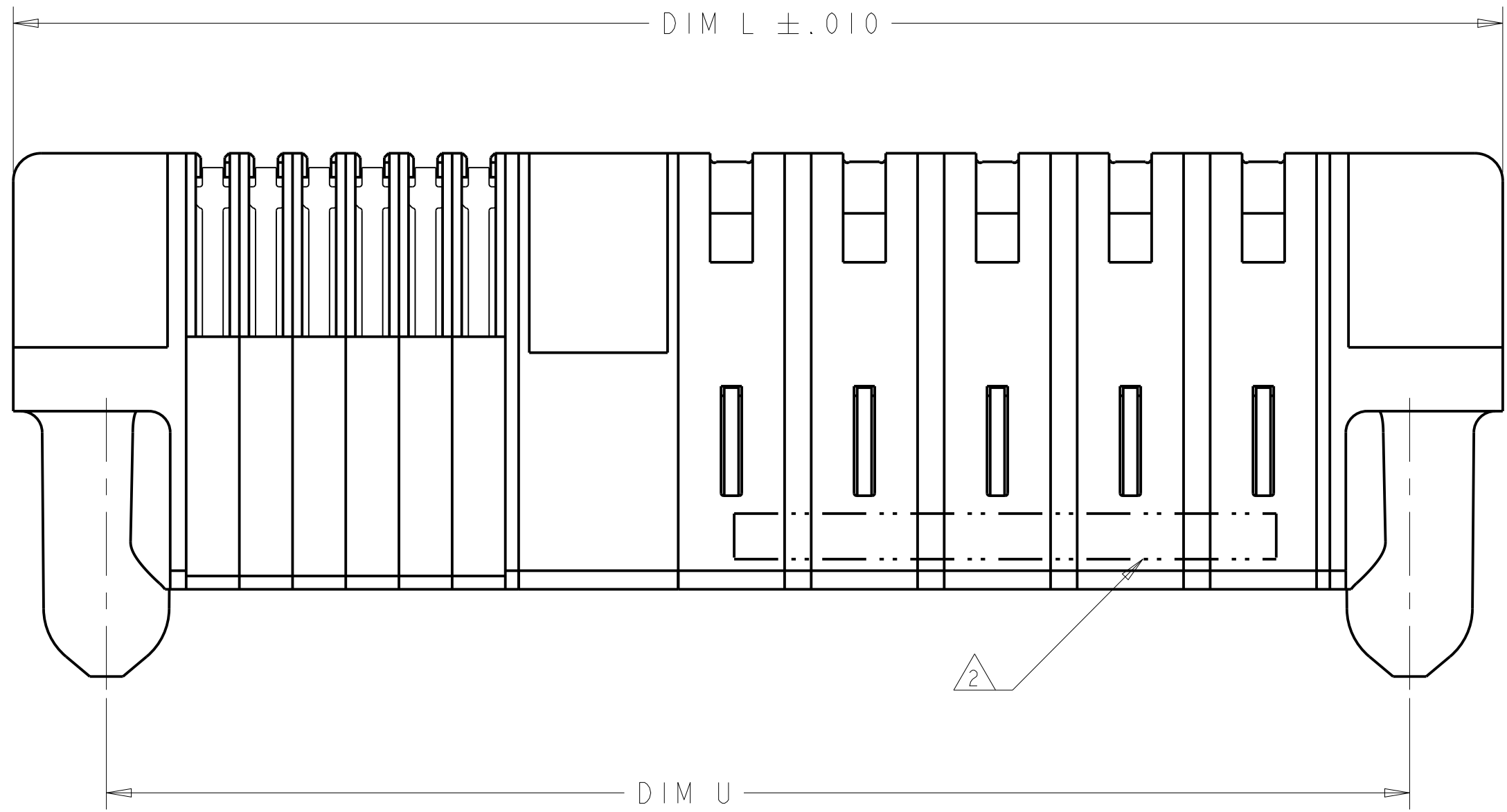
LOC	DIST	REVISIONS					
ES	00	P	LTR	DESCRIPTION	DATE	DWN	APVD
			E3	ADD NEW DASH NUMBER -14	7JAN2012	OL	SZ
			E4	ADDED NEW DASH NUMBER -15	23JAN2013	CZ	SZ
			E5	ADD FRONT VIEW FOR PART 1-5	05FEB2013	CZ	SZ
			E9	ADD NEW DASH NUMBER 1-6	11AUG2014	AL	SZ

D

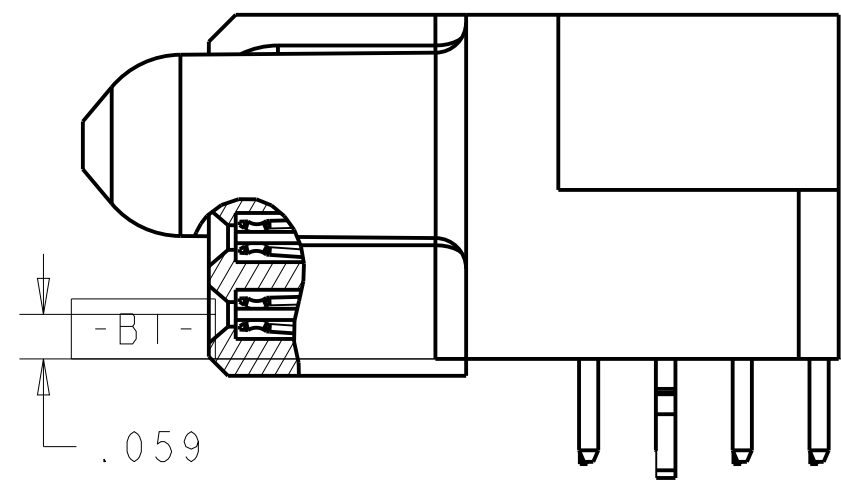
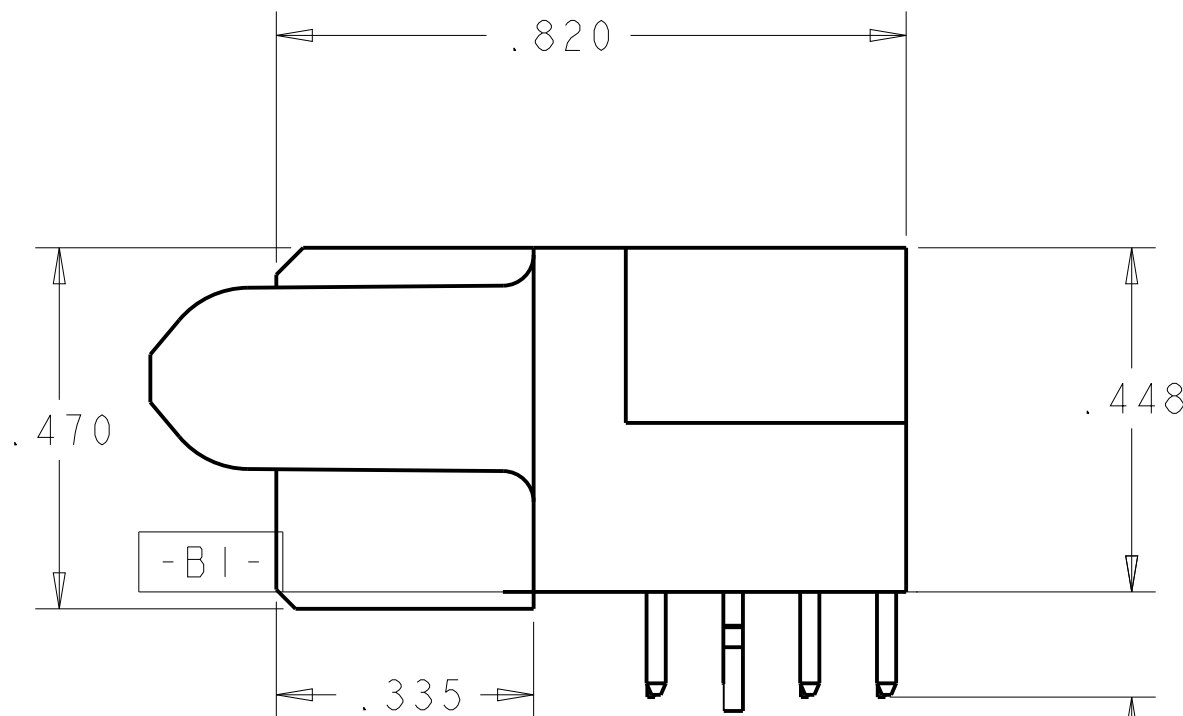
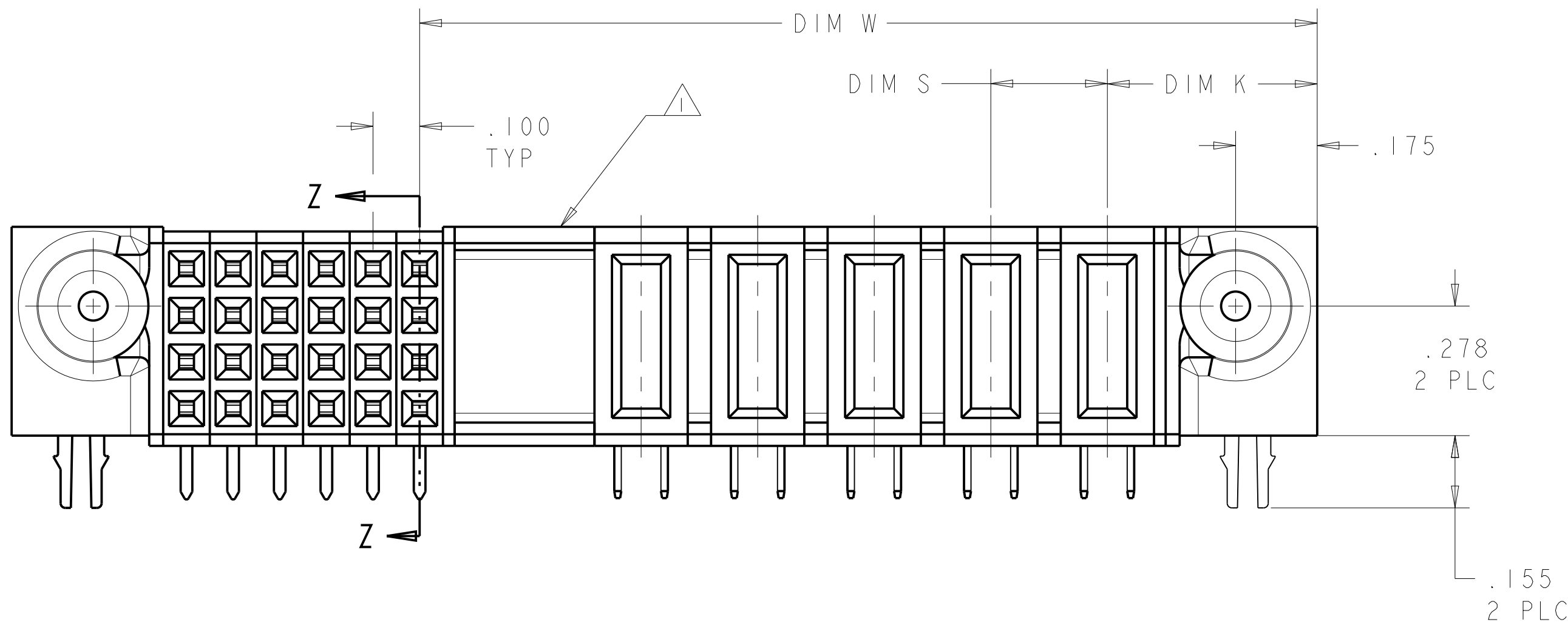
C

B

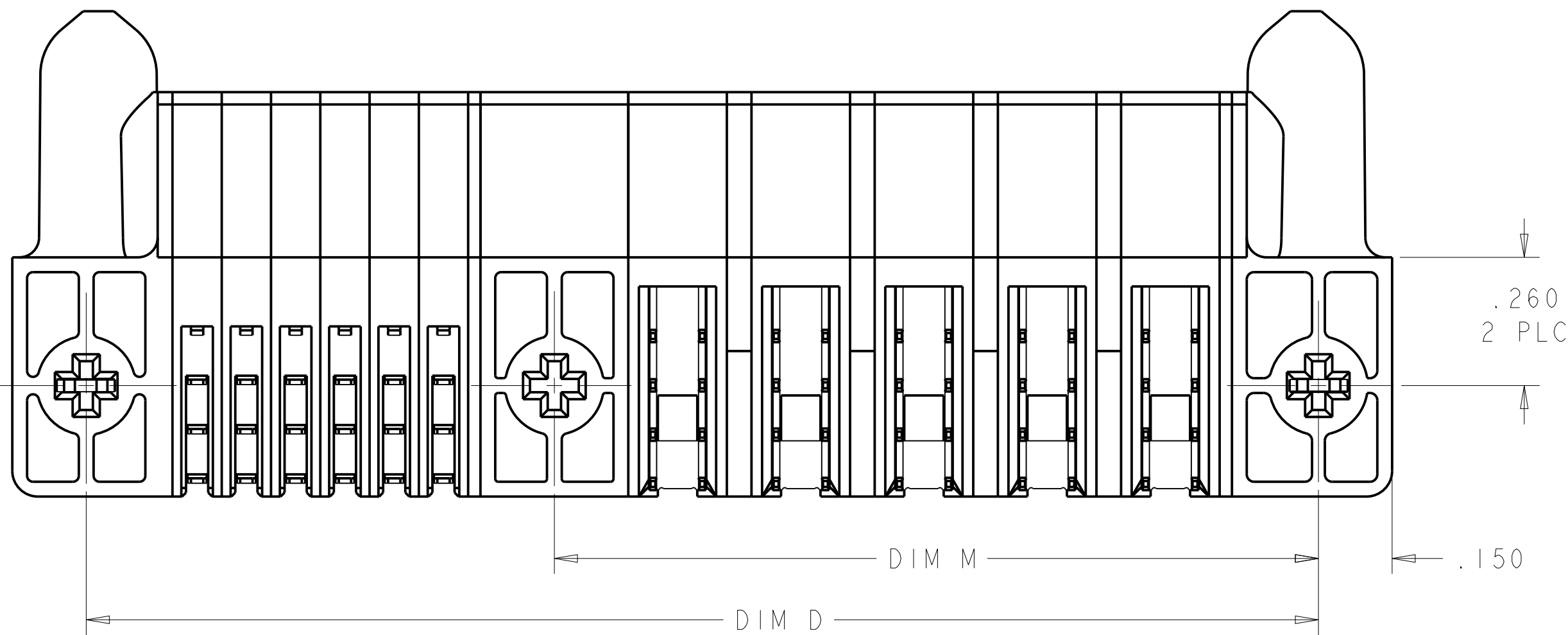
A



- OPTIONAL CENTER MODULE WITH Ø.150 THRU HOLE OR HOLD DOWN FEATURE.
- "AMP", PART NUMBER, AND DATE CODE TO BE MARKED IN AREA SHOWN.
- MATERIAL: HOUSING - GLASS FILLED HIGH TEMP THERMO PLASTIC, UL94 V-0
SIGNAL CONTACT - HIGH CONDUCTIVITY COPPER ALLOY
POWER CONTACT - HIGH CONDUCTIVITY COPPER ALLOY
- CONTACT PLATING: NOBLE METAL PLATING ON FUNCTIONAL AREA FOR SIGNAL AND POWER CONTACTS
- MECHANICAL CONNECTOR KEEP OUT ZONE.
- DATUM AND BASIC DIMENSIONS ESTABLISHED BY CUSTOMER.
- PCB - ALL HOLE DIAMETERS ARE FINISHED HOLE SIZES.
- PCB - .0453 +/- .0010 DRILLED HOLES PLATES WITH .0003 MIN Sn OVER .001 TO .003 PLATING TO ACHIEVE A .040 DIA. HOLE.
- NOT RELEASED FOR PRODUCTION.



SECTION Z-Z



E9	2.400	.250	1.875	2.450	-	2.750	.450	6P + 24S	1-6450162-6
	2.400	.250	1.875	2.450	-	2.750	.450	6P + 24S	1-6450162-5
	1.900	.250	1.375	1.950	-	2.250	.450	4P + 24S	1-6450162-4
	1.600	.250	1.375	1.650	-	1.950	.450	4P + 12S	1-6450162-2
	1.000	.250	.875	1.050	-	1.350	.450	2P + 8S	1-6450162-1
	2.900	.250	2.375	2.950	-	3.250	.450	8P + 24S	6450162-9
	3.800	.250	2.875	3.850	-	4.150	.450	10P + 40S	6450162-8
	1.650	.200	1.225	1.700	-	2.000	.450	4P + 20S	6450162-7
	1.700	.250	1.375	1.750	-	2.050	.450	4P + 16S	6450162-5
	2.675	.250	2.125	2.725	-	3.025	.450	7P + 24S	6450162-2
	4.600	.250	3.875	4.650	-	4.950	.450	14P + 32S	6450162-1
	U	S	W	D	M	L	K	DESCRIPTION	PART NUMBER
	THIS DRAWING IS A CONTROLLED DOCUMENT.					DWN R. GRZYBOWSKI 21FEB05			
	DIMENSIONS: INCHES					CHK M. PERCHERKE 21FEB05			
						APVD W. PERCHERKE	NAME		
						PRODUCT SPEC			
						108-1973			
						APPLICATION SPEC			
						114-13038			
						ANGLES			
						FINISH			
						WEIGHT			
						Customer Drawing			
						SCALE 4:1			
						SHEET 1 OF 5			
						REV E9			

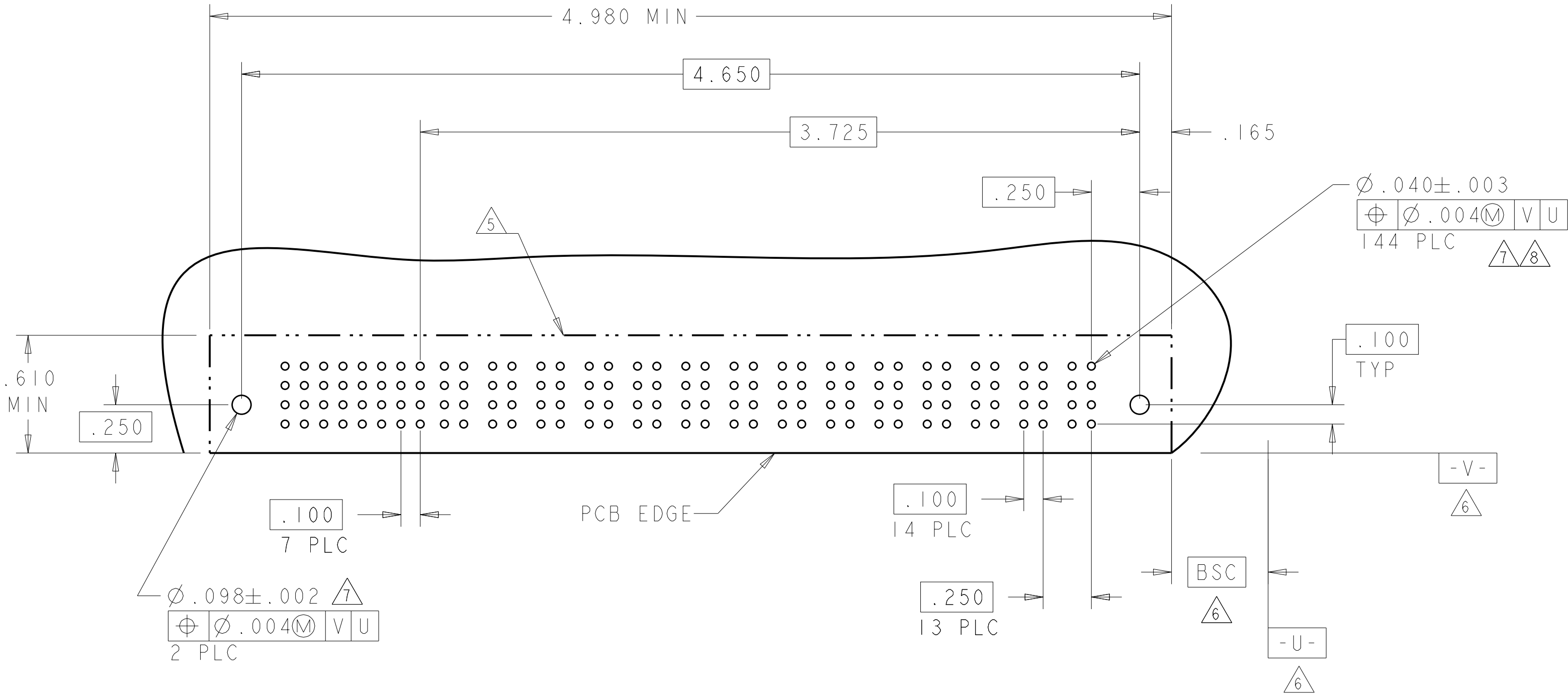
C

B

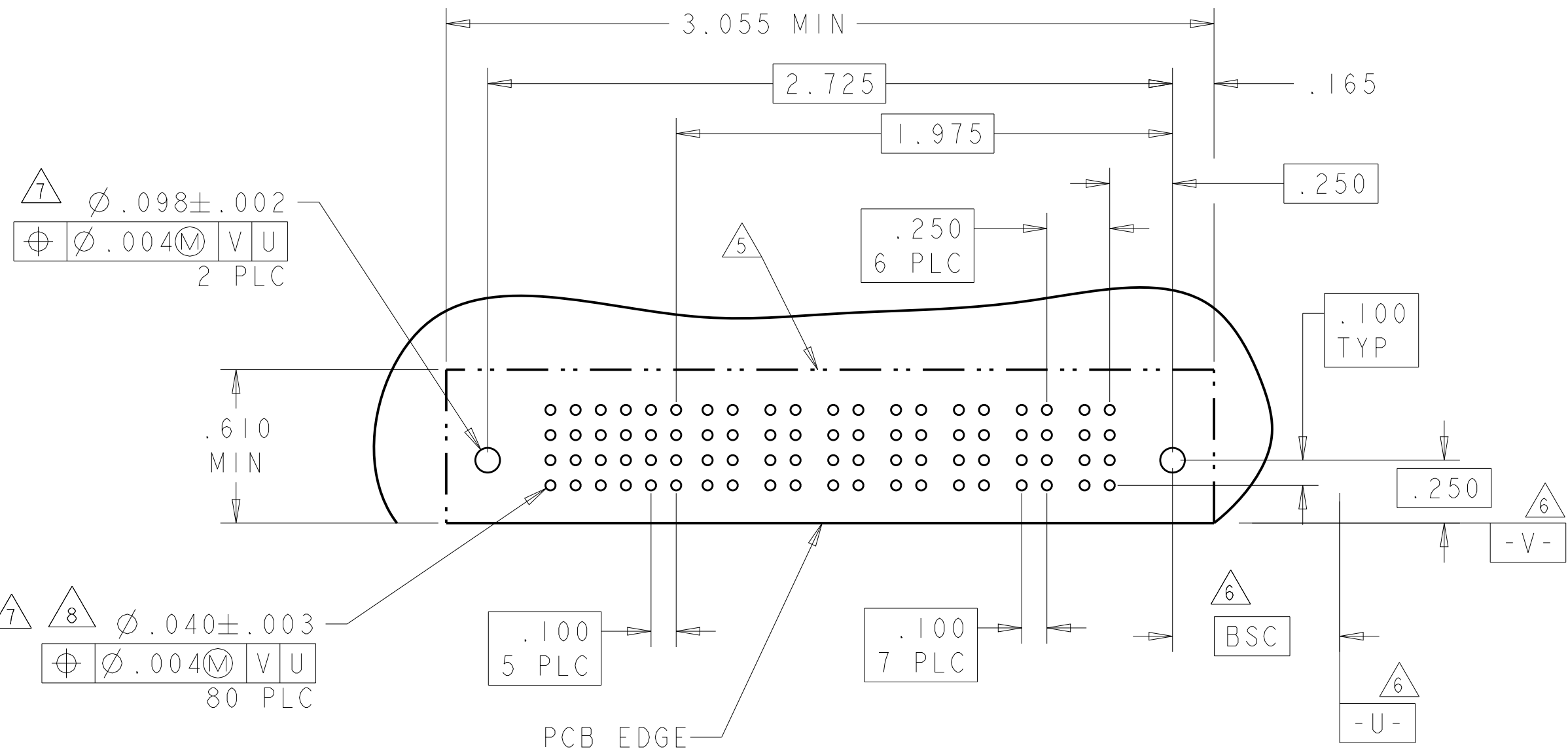
A

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

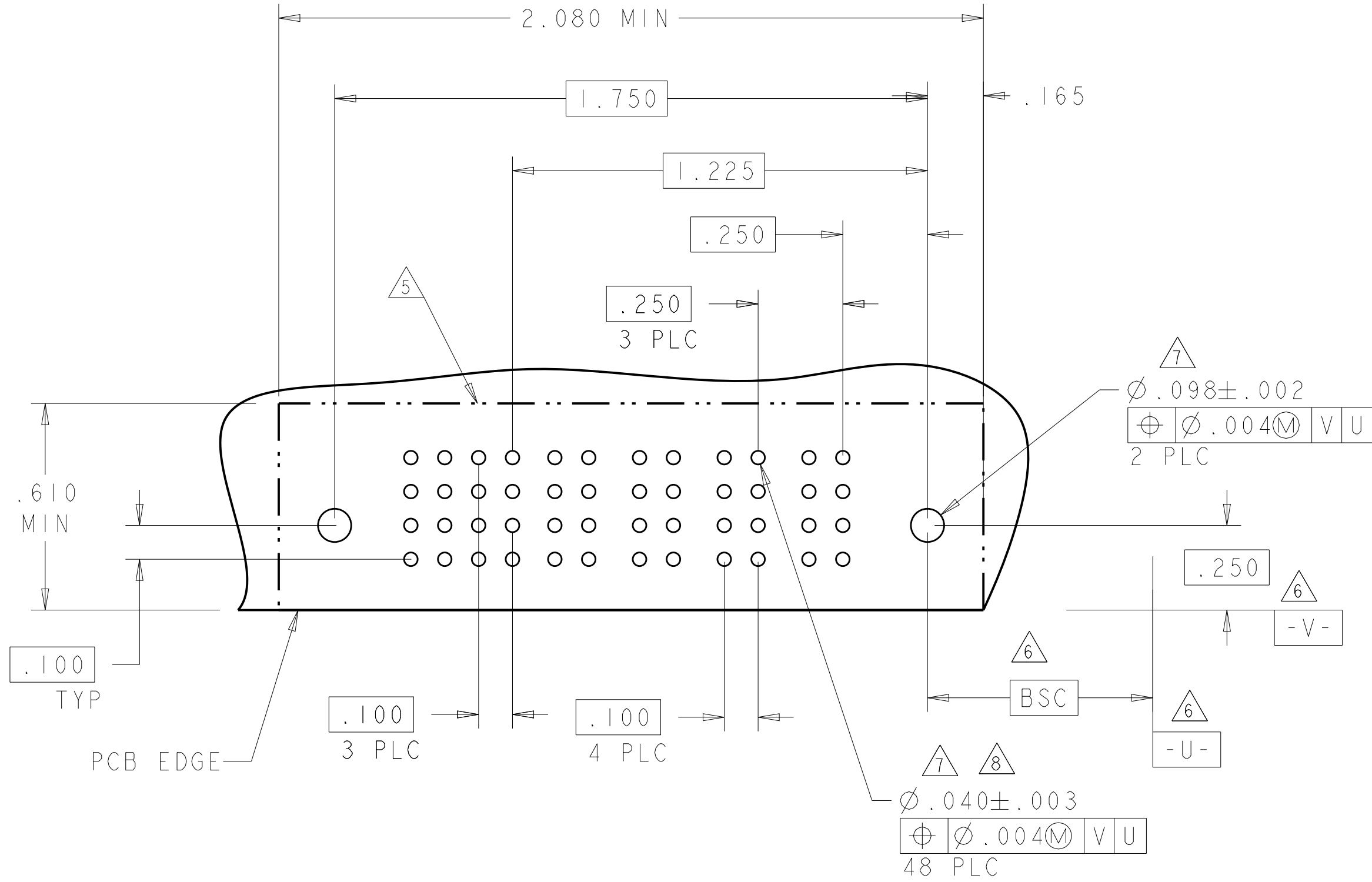
PART NUMBER	ROWS		SIGNAL								POWER														
			8	7	6	5	4	3	2	1	PI4	PI3	PI2	PI1	PI0	P9	P8	P7	P6	P5	P4	P3	P2	P1	
6450162-1	D C B A		H	H	H	H	H	H	H	H	RA	RA	RA	RA	RA	RA	RA	RA	RA	RA	RA	RA	RA	RA	
			G	G	G	G	G	G	G	G															
			F	F	F	F	F	F	F	F															
			E	E	E	E	E	E	E	E															
14P + 32S																									



PART NUMBER	ROWS		SIGNAL						POWER							
			6	5	4	3	2	1	P7	P6	P5	P4	P3	P2		P1
6450162-2	D C B A		H	H	H	H	H	H	RA	RA	RA	RA	RA	RA	RA	
			G	G	G	G	G	G								
			F	F	F	F	F	F								
			E	E	E	E	E	E								
7P + 24S																



PART NUMBER	ROWS		SIGNAL				POWER				
			4	3	2	1	P4	P3	P2	PI	
6450162-5	D C B A		H	H	H	H	RA	RA	RA	RA	
			G	G	G	G					
			F	F	F	F					
4P + 16S			E	E	E	E					



RN	STD POWER-.090 TAIL	-
RM	STD POWER-.135 TAIL	-
RB	MFBL POWER-.090 TAIL	-
RA	MFBL POWER-.135 TAIL	-
L	.090 TAIL LENGTH SIGNAL	D
K	.090 TAIL LENGTH SIGNAL	C
J	.090 TAIL LENGTH SIGNAL	B
I	.090 TAIL LENGTH SIGNAL	A
H	.135 TAIL LENGTH SIGNAL	D
G	.135 TAIL LENGTH SIGNAL	C
F	.135 TAIL LENGTH SIGNAL	B
E	.135 TAIL LENGTH SIGNAL	A
CODE	DESCRIPTION	ROW

CONTACT TABLE

THIS DRAWING IS A CONTROLLED DOCUMENT.

OWN: R. GRZYBOWSKI
CHK: M. PERCHERKE
APVD: M. PERCHERKE

21FEB05
21FEB05

DIMENSIONS:
INCHES

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ±
1 PLC ±.01
2 PLC ±.01
3 PLC ±.005
4 PLC ±.002
ANGLES ±.020

FINISH

PRODUCT SPEC
108-1973

APPLICATION SPEC
114-13038

WEIGHT

NAME
RIGHT ANGLE RECEPTACLE ASSEMBLY WITH GUIDES MULTI-BEAM XL

SIZE
A1

CAGE CODE
00779

DRAWING NO.
C=6450162

RESTRICTED TO

Customer Drawing

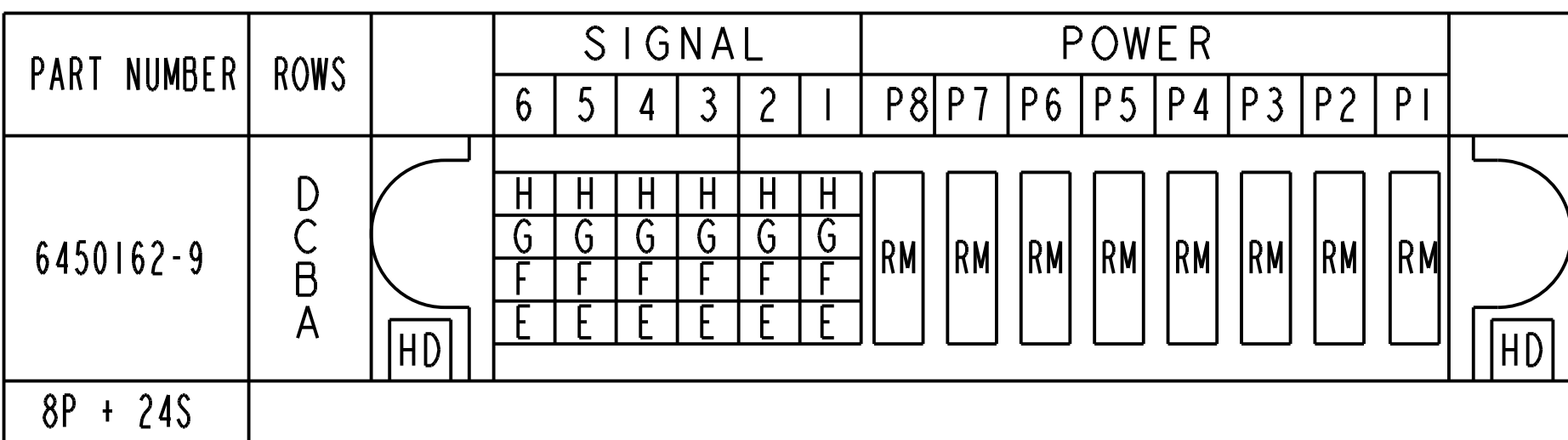
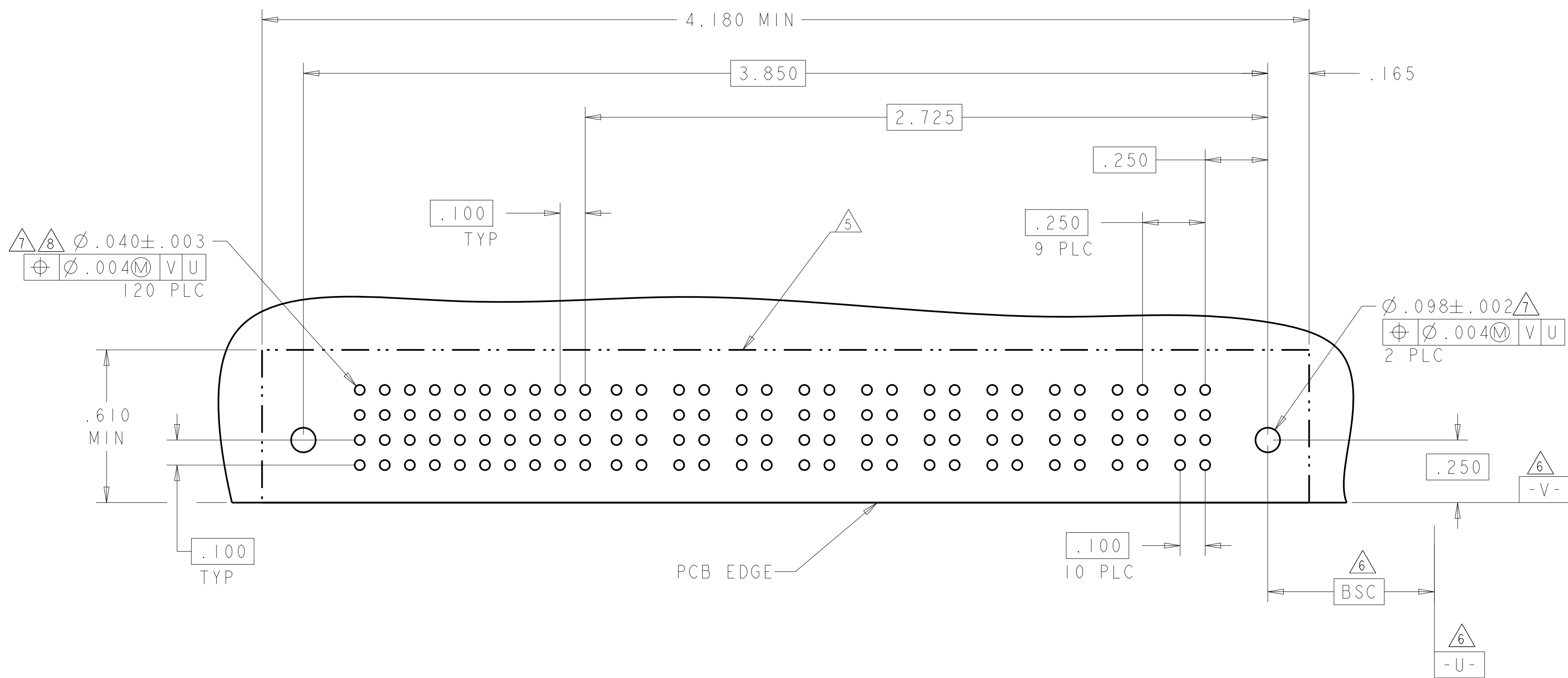
SCALE
1:1

SHEET
2

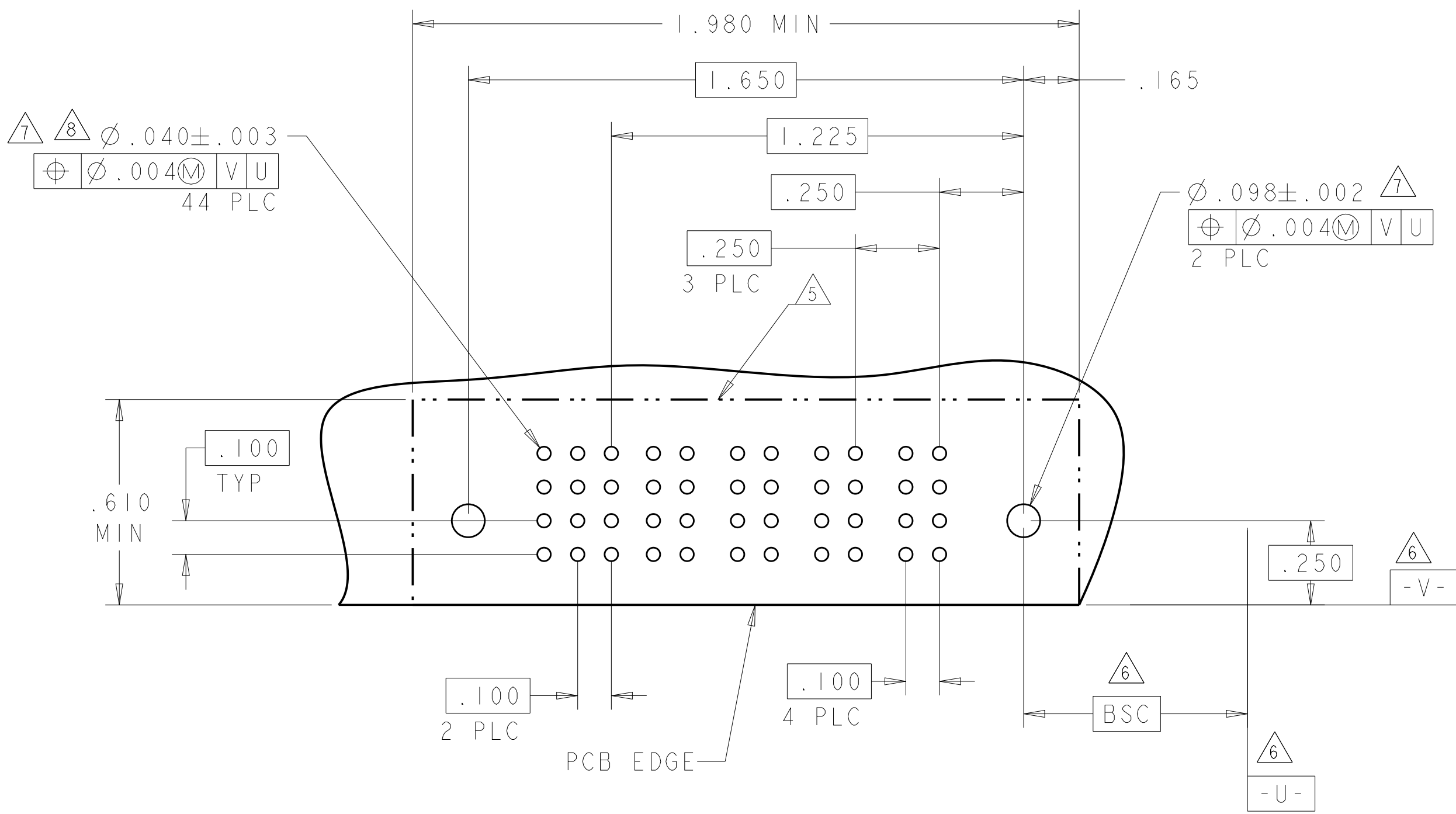
OF
5

REV
E9

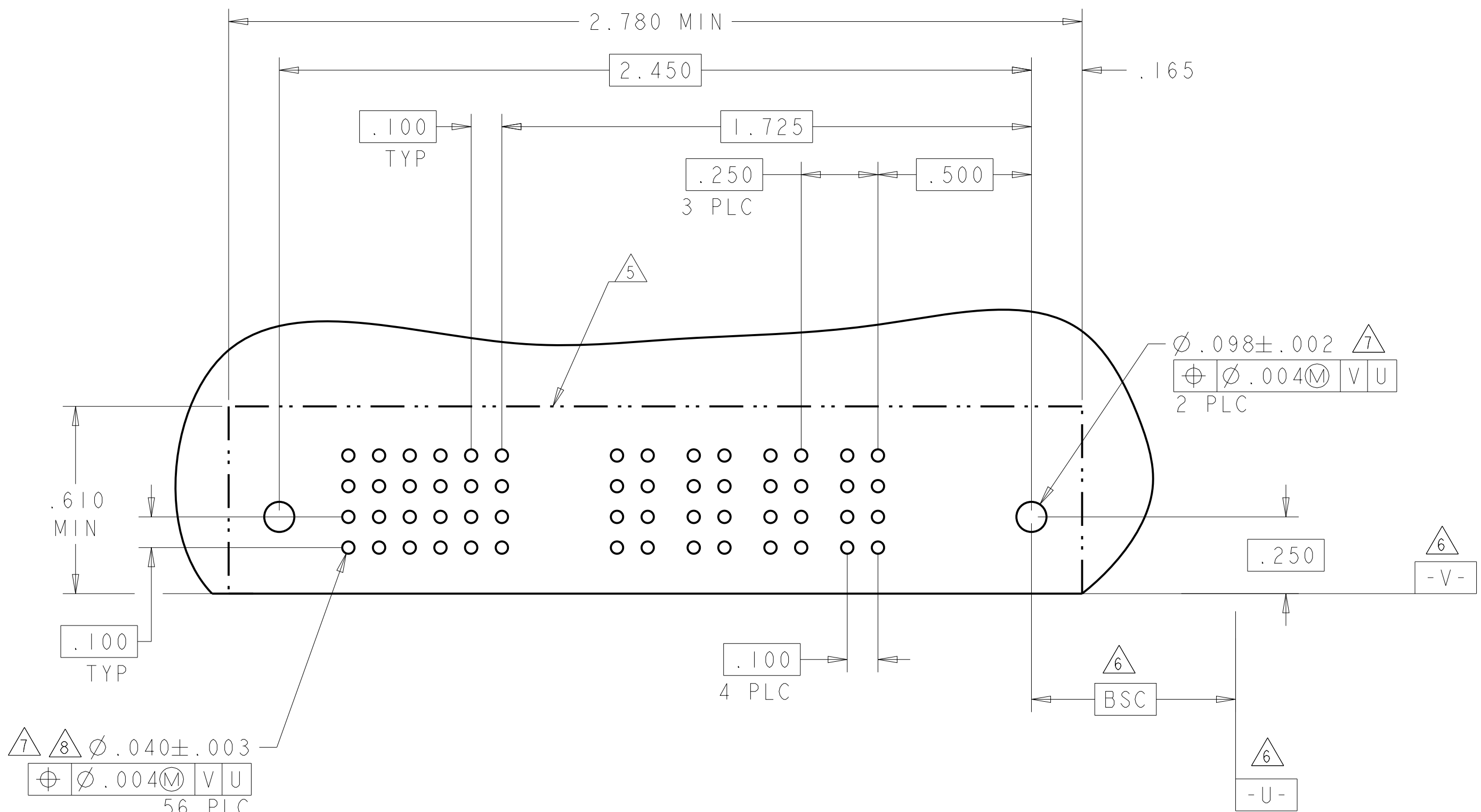
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6450162-8	D C B A		L	L	L	L	L	L	L	L	L	L											
			K	K	K	K	K	K	K	K	K	K		K									
			J	J	J	J	J	J	J	J	J	J		J									
			I	I	I	I	I	I	I	I	I	I		I									
10P + 40S																							



PART NUMBER	ROWS		SIGNAL			POWER				
			3	2	1	P4	P3	P2	P1	
1-6450162-2	D C B A		H	H	H					
			G	G	G					
			F	F	F					
			E	E	E					
4P + 12S										

4805 (3/11)

PART NUMBER	ROWS		SIGNAL							POWER						
			6	5	4	3	2	1	P6	P5	P4	P3	P2	P1		
I-6450162-6	D C B A		L	L	L	L	L	L								
			K	K	K	K	K	K								
			J	J	J	J	J	J								
			I	I	I	I	I	I								
6P + 24S																

4805 (3/11)

Mouser Electronics

Authorized Distributor

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[1-6450162-2](#)