

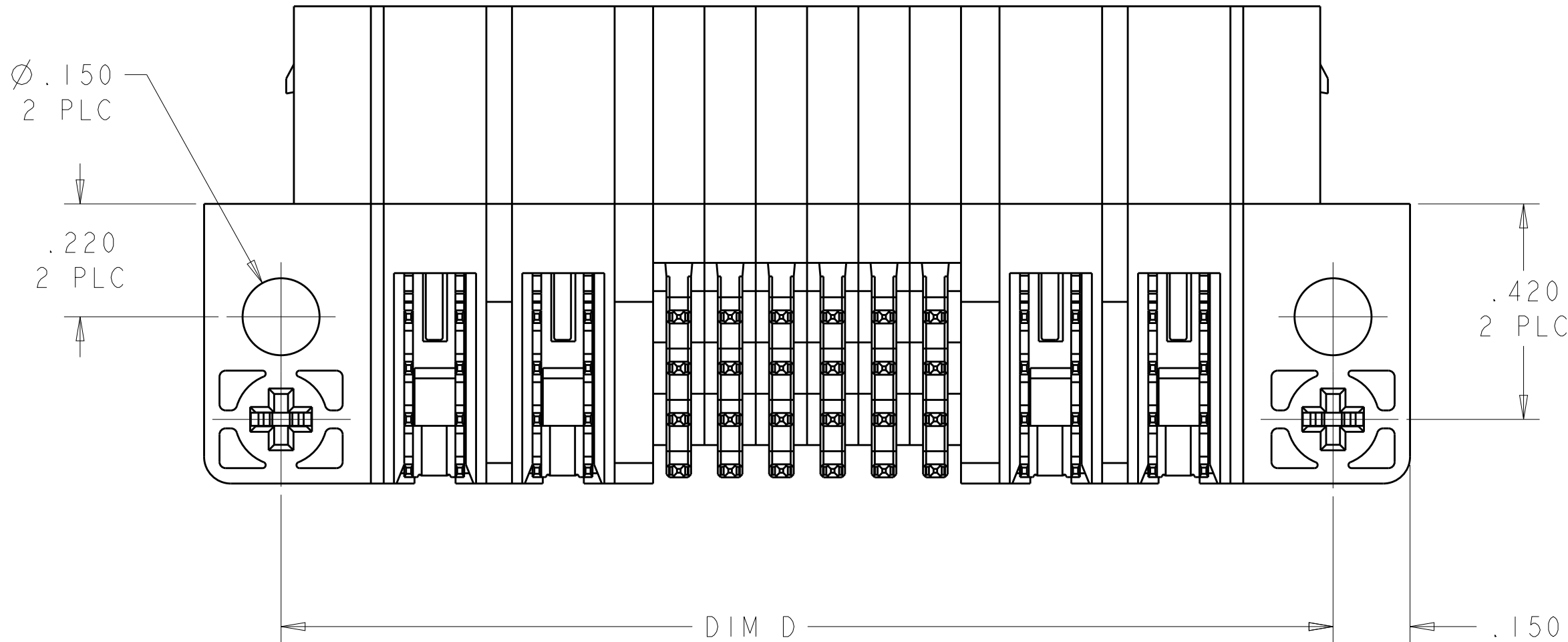
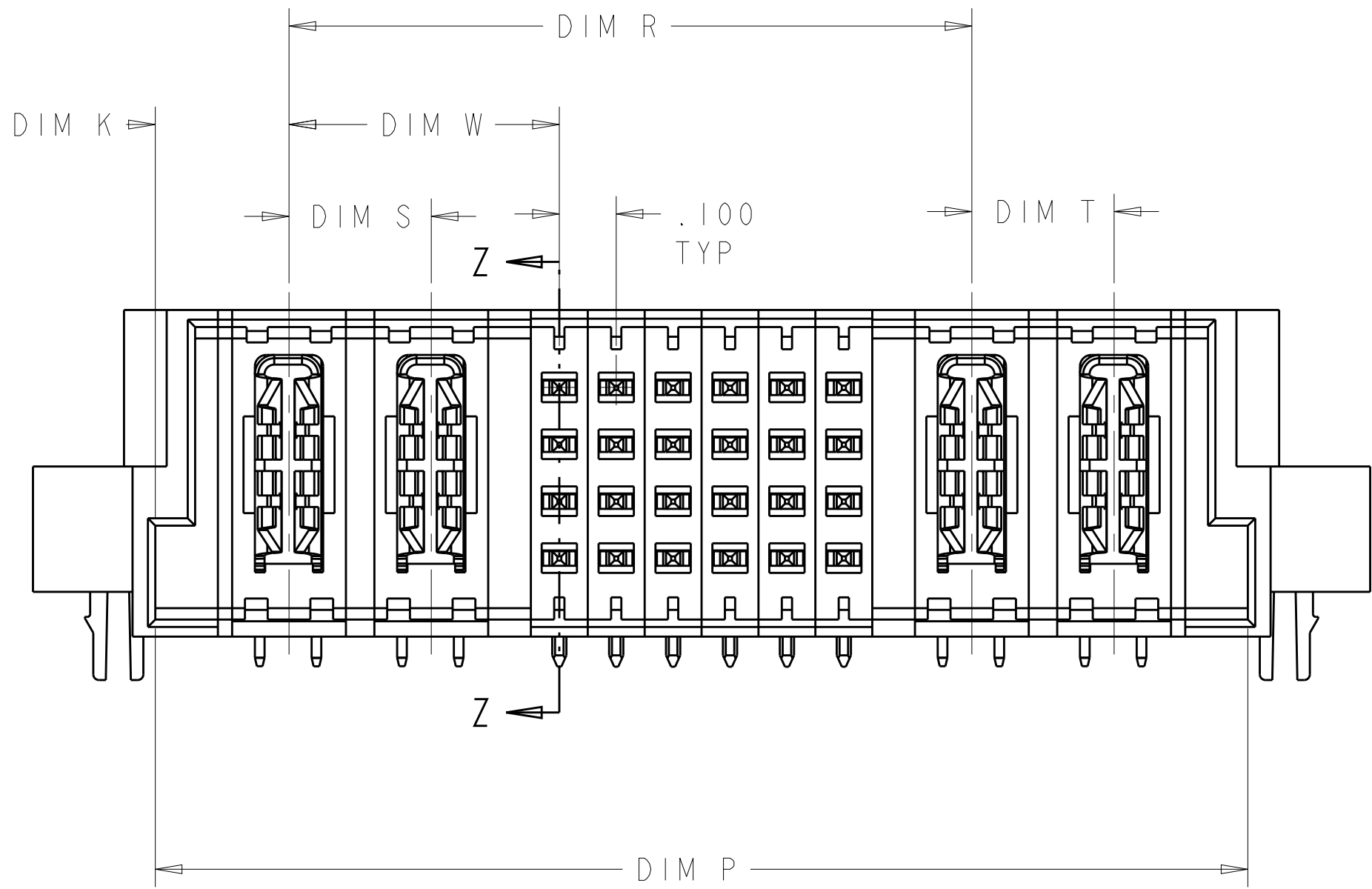
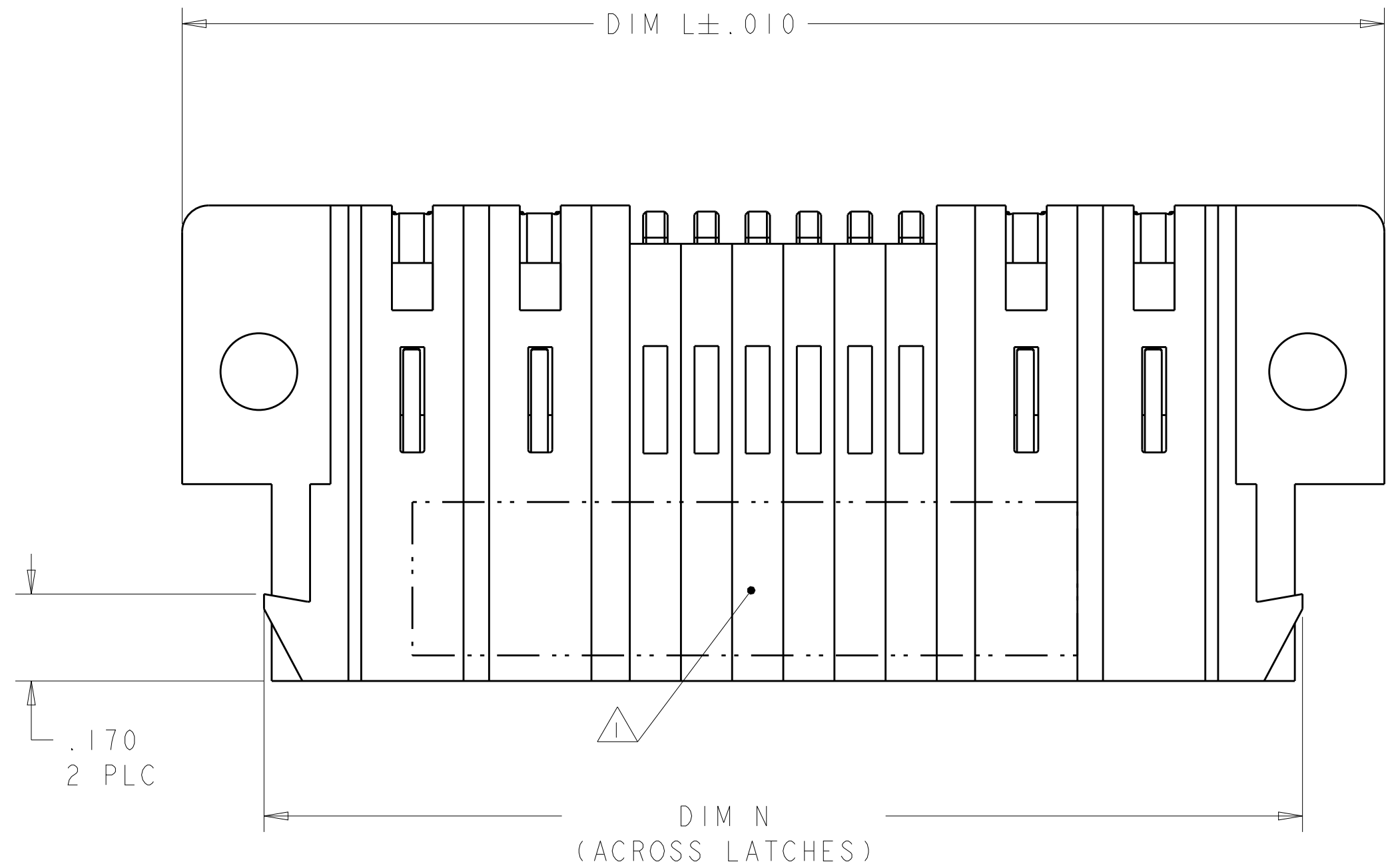
LOC		DIST		REVISIONS				
GP	00	P	LTR	DESCRIPTION		DATE	DWN	APVD
		D4		ADD NEW PART 1-4		12SEP2013	CZ	SZ

D

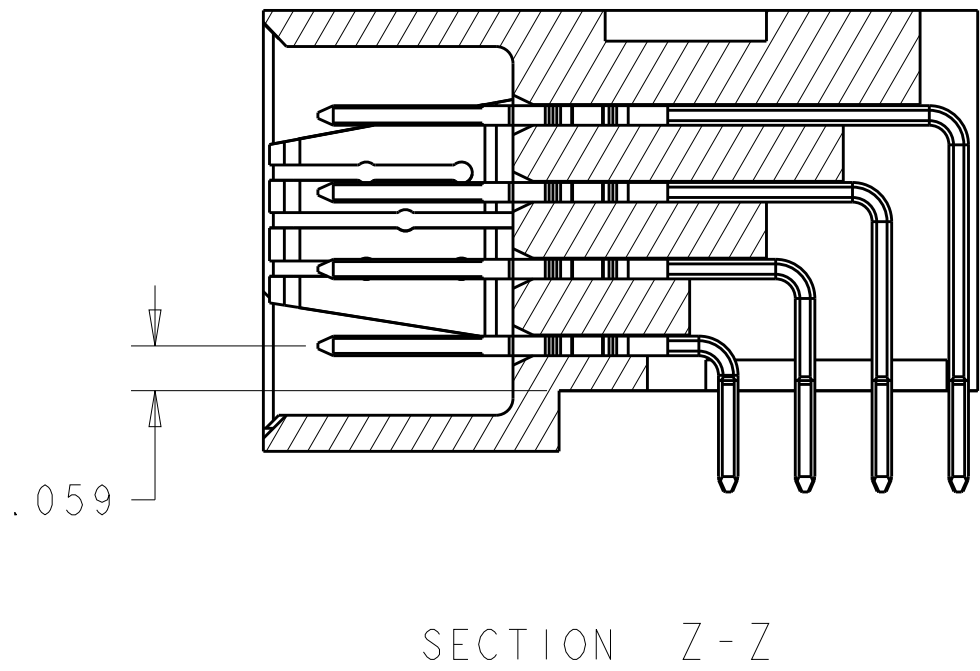
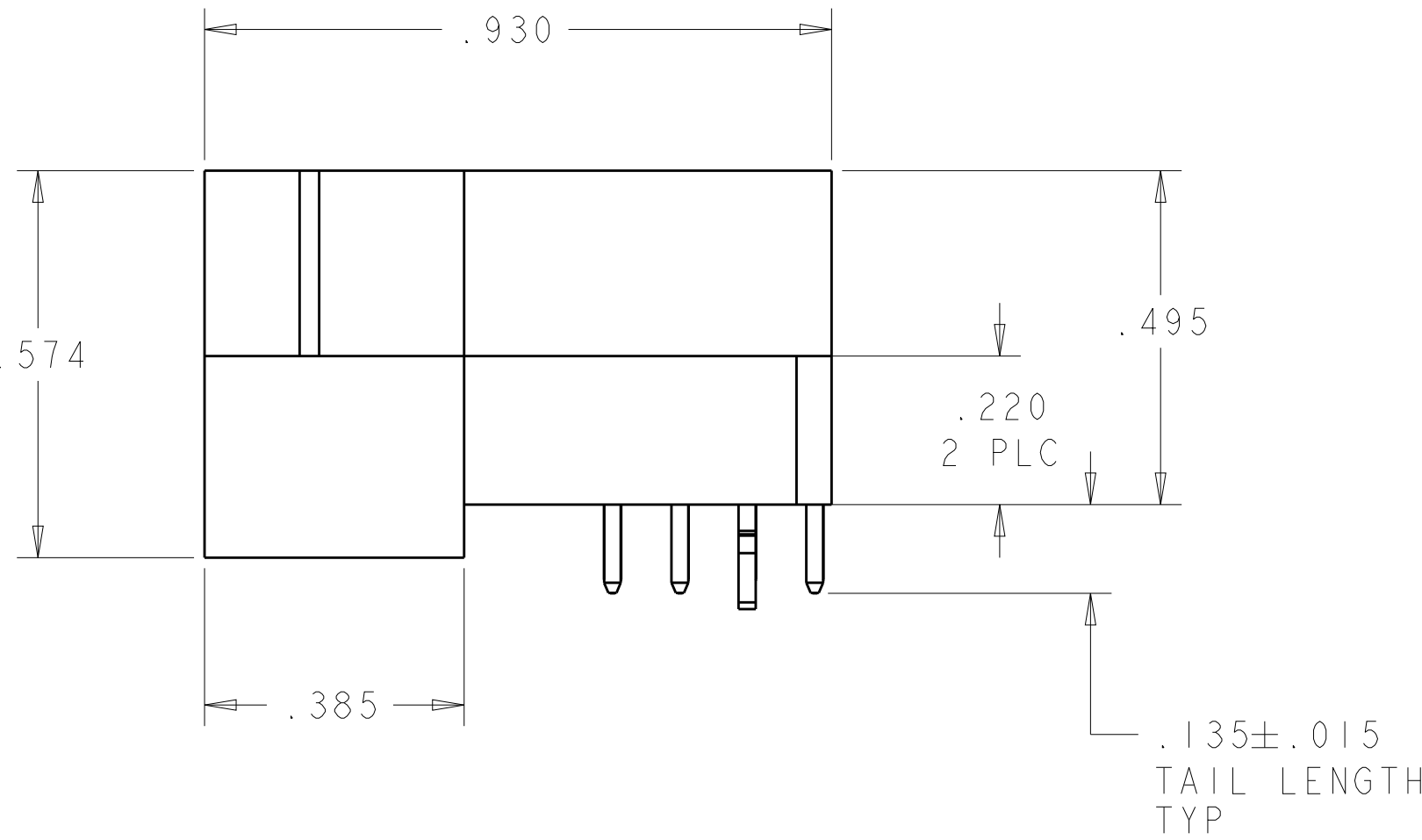
C

B

A



- 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 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
.0001 TO .003 Cu PLATING TO ACHIEVE A .040 DIA HOLE.
- 8 NOT RELEASED FOR PRODUCTION.



D4	1.420	1.530	1.550	.950	.225	-	-	1.850	.235	IP + 24S + IP	1-6450128-4
	.920	1.030	1.050	.500	.200	-	-	1.350	.210	1HDP + 8S + 1HDP	1-6450128-3
	1.120	1.230	1.250	.700	.200	-	-	1.550	.210	IP + 16S + IP	1-6450128-2
	2.970	3.080	3.100	1.800	.850	.300	.300	3.400	.285	3ACP + 32S + 3ACP	1-6450128-1
	2.770	2.880	2.900	1.600	.850	.300	.300	3.200	.285	3ACP + 24S + 3ACP	1-6450128-0
	1.520	1.630	1.650	-	.925	-	.250	1.950	.235	4P + 12S + 0P	6450128-9
	3.920	4.030	4.050	2.200	1.475	.250	.250	4.350	.235	6P + 24S + 6P	6450128-8
	2.920	3.030	3.050	1.700	.975	.250	.250	3.350	.235	4P + 24S + 4P	6450128-5
	1.920	2.030	2.050	1.200	.475	.250	.250	2.350	.235	2P + 24S + 2P	6450128-2
	1.420	1.530	1.550	.950	.225	-	-	1.850	.235	IP + 24S + IP	6450128-1
	DIM P	DIM N	DIM D	DIM R	DIM W	DIM T	DIM S	DIM L	DIM K	DESCRIPTION	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:
INCHES

MATERIAL

2

TOLERANCES UNLESS OTHERWISE SPECIFIED:

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

3

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

10FEB05
10FEB05

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.
6450128

RESTRICTED TO
-

SCALE
4:1

SHEET
1

OF
5

REV
D4

TE Connectivity

PART NUMBER	ROWS		POWER		SIGNAL						POWER	
			P/I		1	2	3	4	5	6	P/2	
I-6450128-4	D C B A		PM	J	J	J	J	J	J	PM		
				K	K	K	K	K	F			
				N	N	N	N	N	N			
				S	S	S	S	S	S			
IP + 24S + IP												

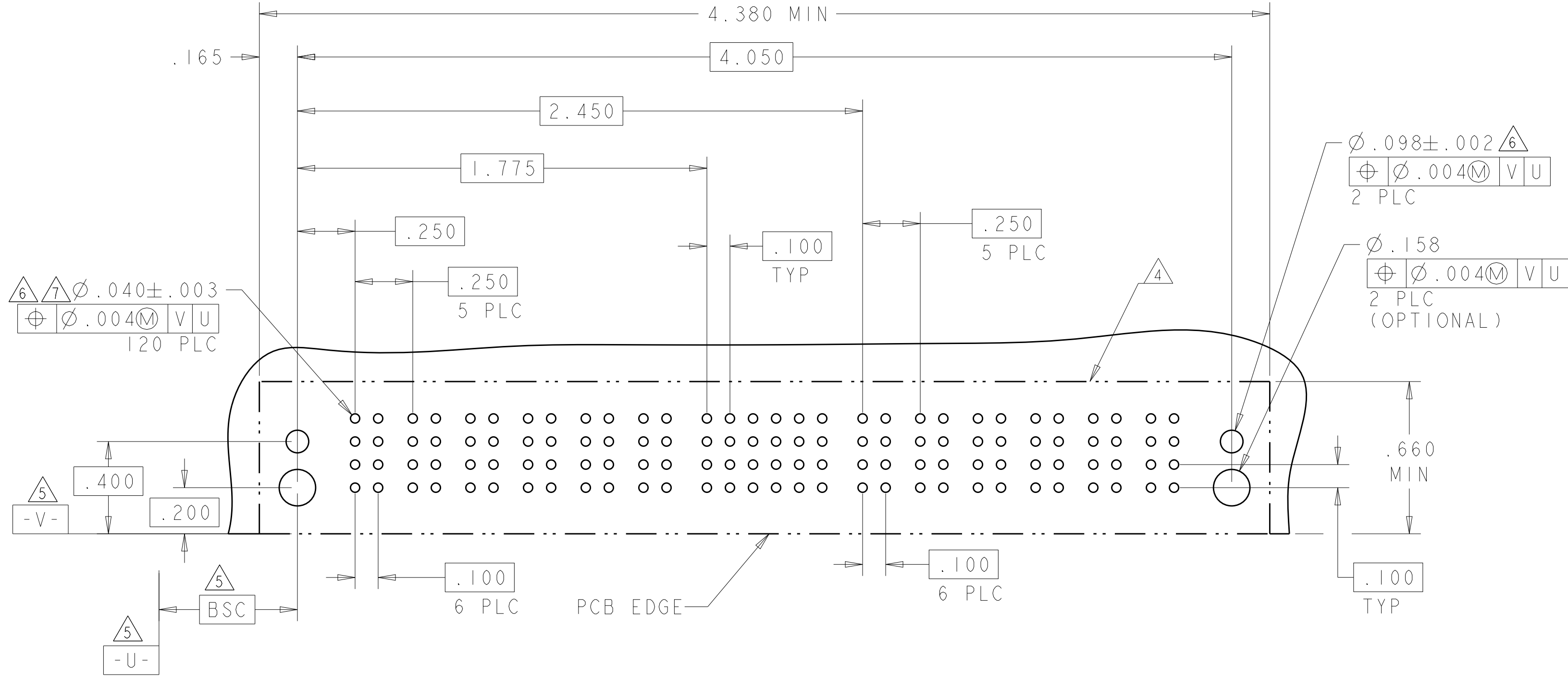
[illegible][illegible]

E	MLBF	. 135	D
F	MLBF	. 135	C
G	MLBF	. 135	B
H	MLBF	. 135	A
J	STD	. 135	D
K	STD	. 135	C
N	STD	. 135	B
S	STD	. 135	A
CODE	MATING SEQUENCE	TAIL LENGTH	ROW
SIGNAL CONTACT			

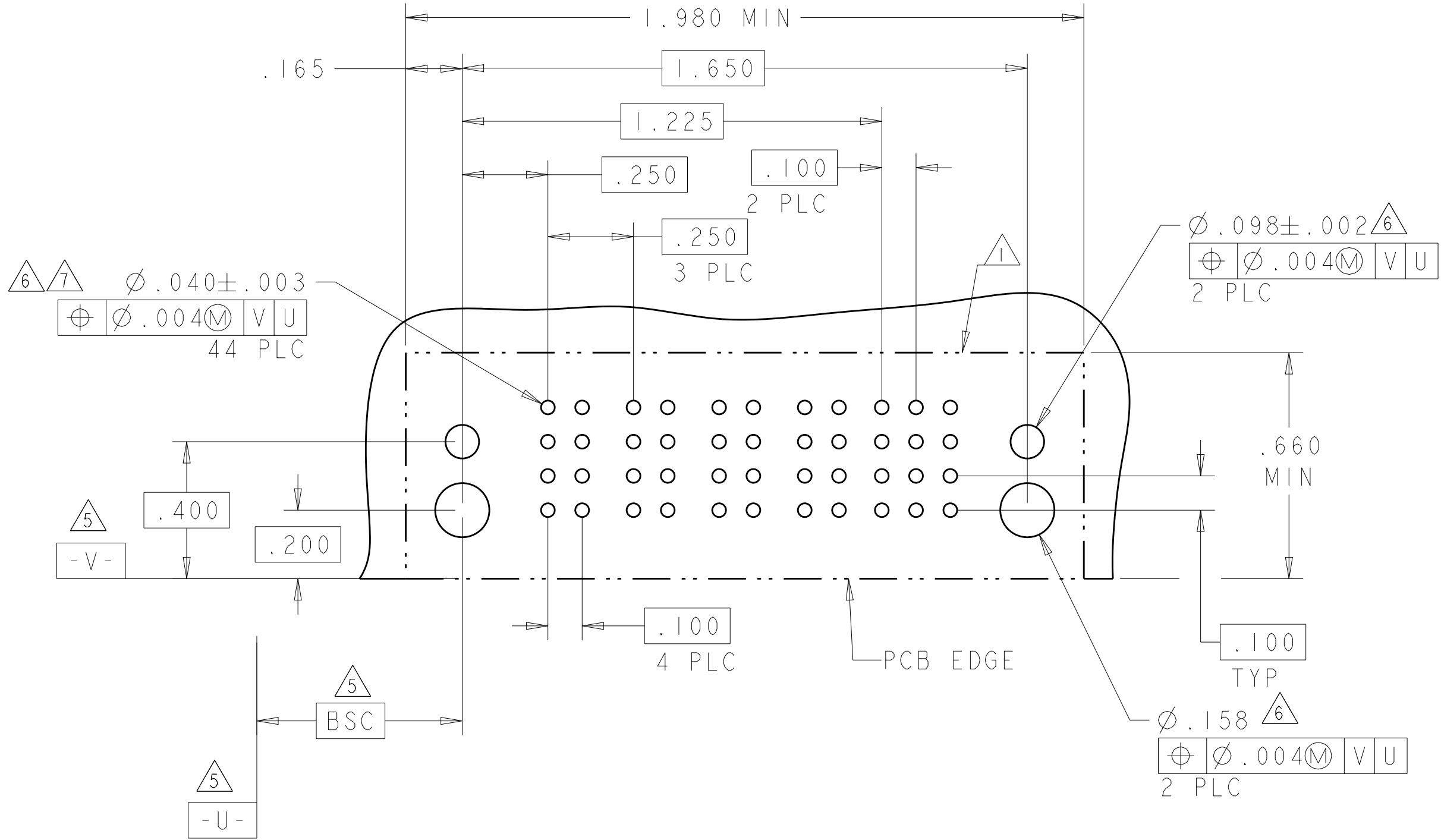
THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN M. GRZYBOWSKI 10FEB05 CHN M. PERCHERKE 10FEB05		 TE Connectivity	
DIMENSIONS: INCHES		TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±.1 1 PLC ±.1 2 PLC ±.01 3 PLC ±.005 4 PLC ±.0020 ANGLES 2°		NAME RIGHT ANGLE HEADER ASSEMBLY WYEND LATCHES MULTI-BEAM XL	
		PRODUCT SPEC 108-1973 APPLICATION SPEC 114-13038		SIZE A1	
MATERIAL -		FINISH -		DRAWING NO C=6450128	
WEIGHT -		RESTRICTED TO -		SCALE 4:1 SHEET 2 OF 5 REV D	
CUSTOMER DRAWING					

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

PART NUMBER	ROWS		POWER						SIGNAL						POWER						
			P1	P2	P3	P4	P5	P6	1	2	3	4	5	6	P7	P8	P9	P10	P11	P12	
6450128-8	D C B A	HD	PM	PM	PM	PM	PM	PM	E	E	E	E	E	J	PM	PM	PM	PM	PM	PM	HD
									F	F	F	F	F	F							
									G	G	G	G	G	G							
									S	H	H	H	H	H							
6P + 24S + 6P																					



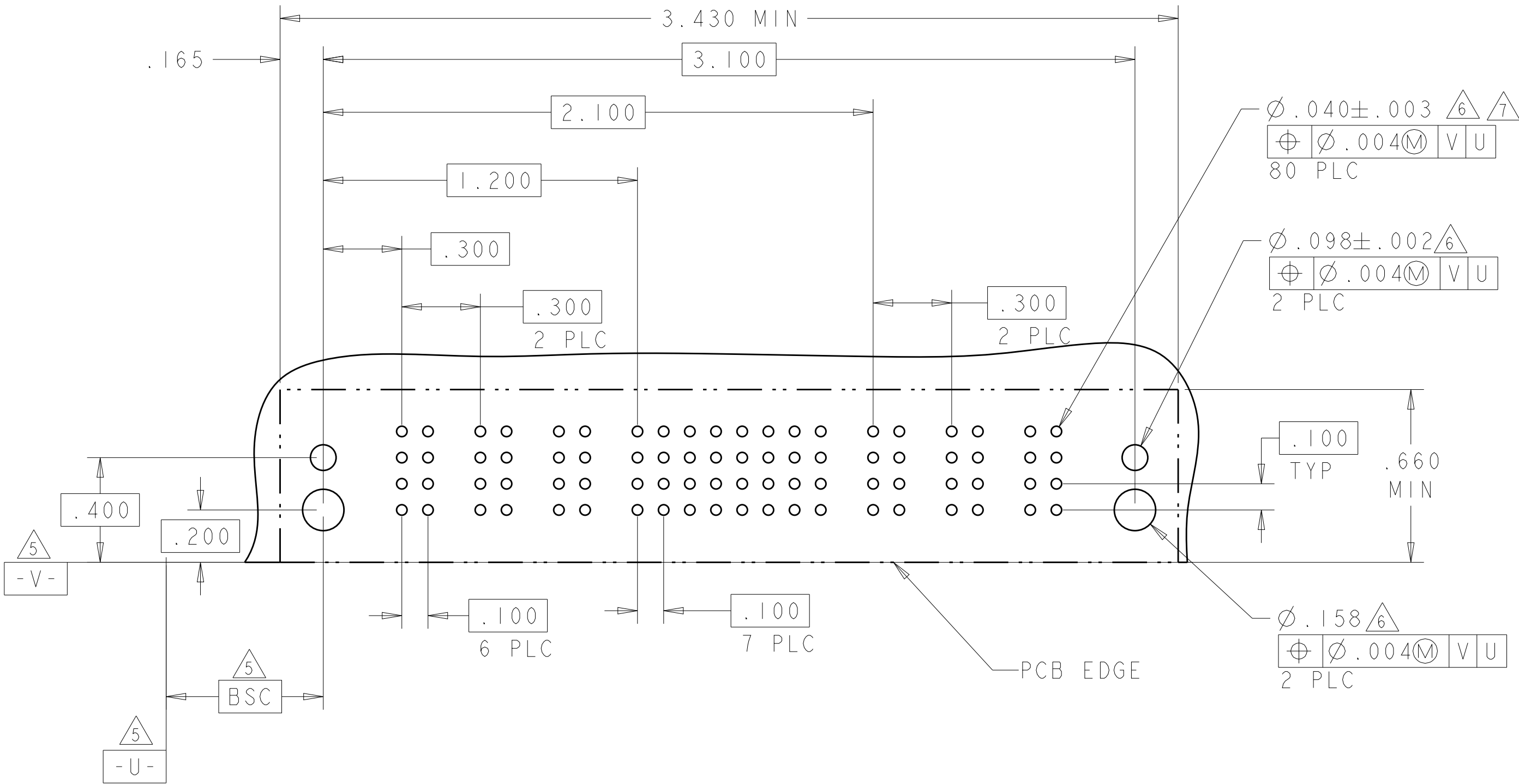
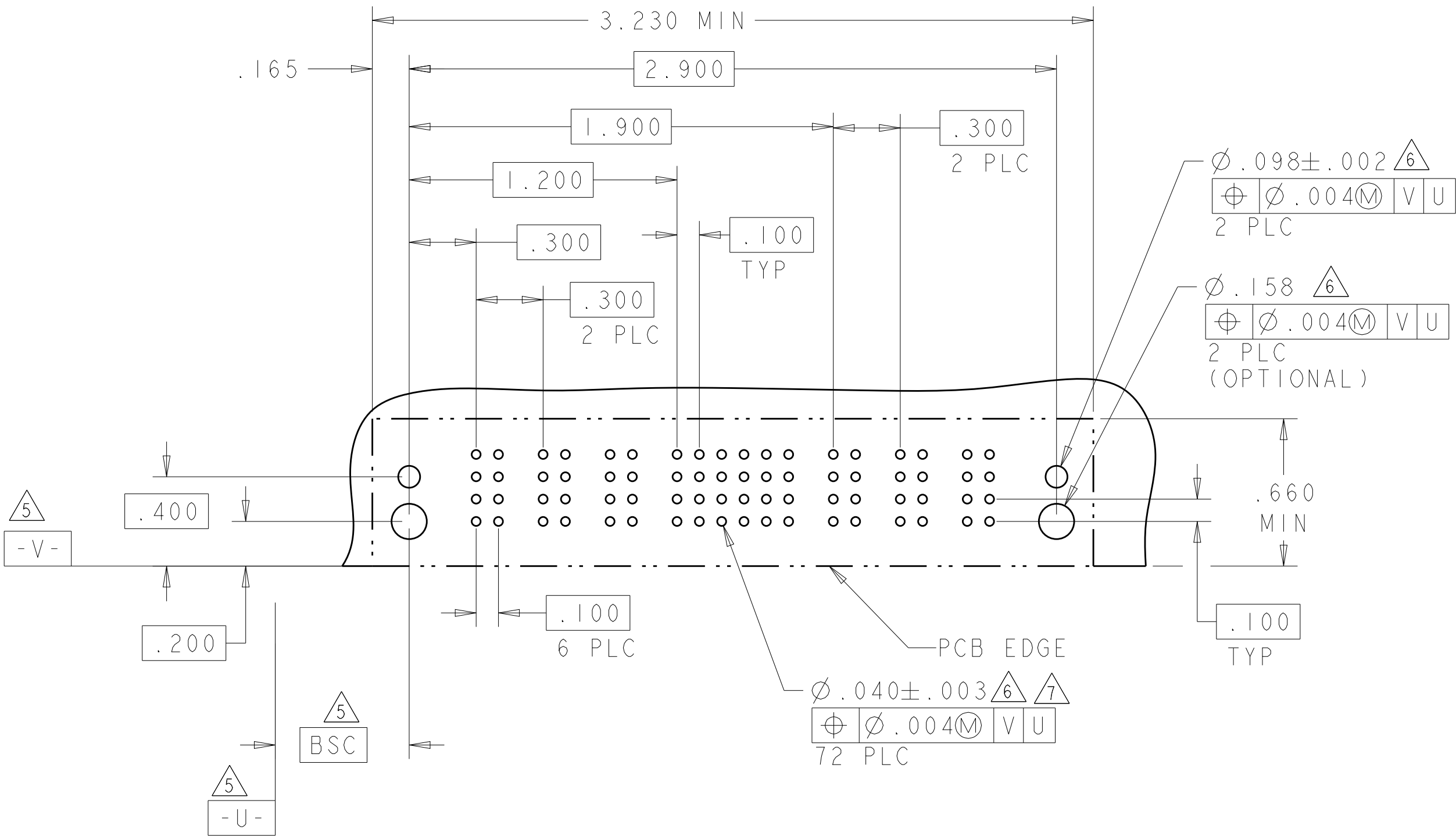
PART NUMBER	ROWS		POWER				SIGNAL			
			P1	P2	P3	P4	1	2	3	
6450128-9	D C B A	HD	PM	PM	PM	PM	J	J	J	HD
							K	K	K	
							N	N	N	
							S	S	S	
4P + 12S + 0P										

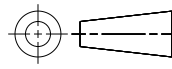


LOC	DIST	REVISIONS					
		P	LTR	DESCRIPTION	DATE	DWN	APVD
GP	00	-	-	SEE SHEET 1	-	-	-

PART NUMBER	ROWS		POWER			SIGNAL						POWER			
			P1	P2	P3	1	2	3	4	5	6	P4	P5	P6	
I-6450128-0	D		PM	PM	PM	J	J	J	J	J	J	PM	PM	PM	
	C					K	K	K	K	K	K				
	B					N	N	N	N	N	N				
	A	HD				S	S	S	S	S	S				HD
3ACP + 24S + 3ACP															

PART NUMBER	ROWS		POWER			SIGNAL								POWER			
			P1	P2	P3	1	2	3	4	5	6	7	8	P4	P5	P6	
I-6450128-1	D					J	J	J	J	J	J	J	J	PM	PM	PM	
	C		PM	PM	PM	K	K	K	K	K	K	K	K				
	B					N	N	N	N	N	N	N	N				
	A	HD				S	S	S	S	S	S	S	S				HD
3ACP + 32S + 3ACP																	



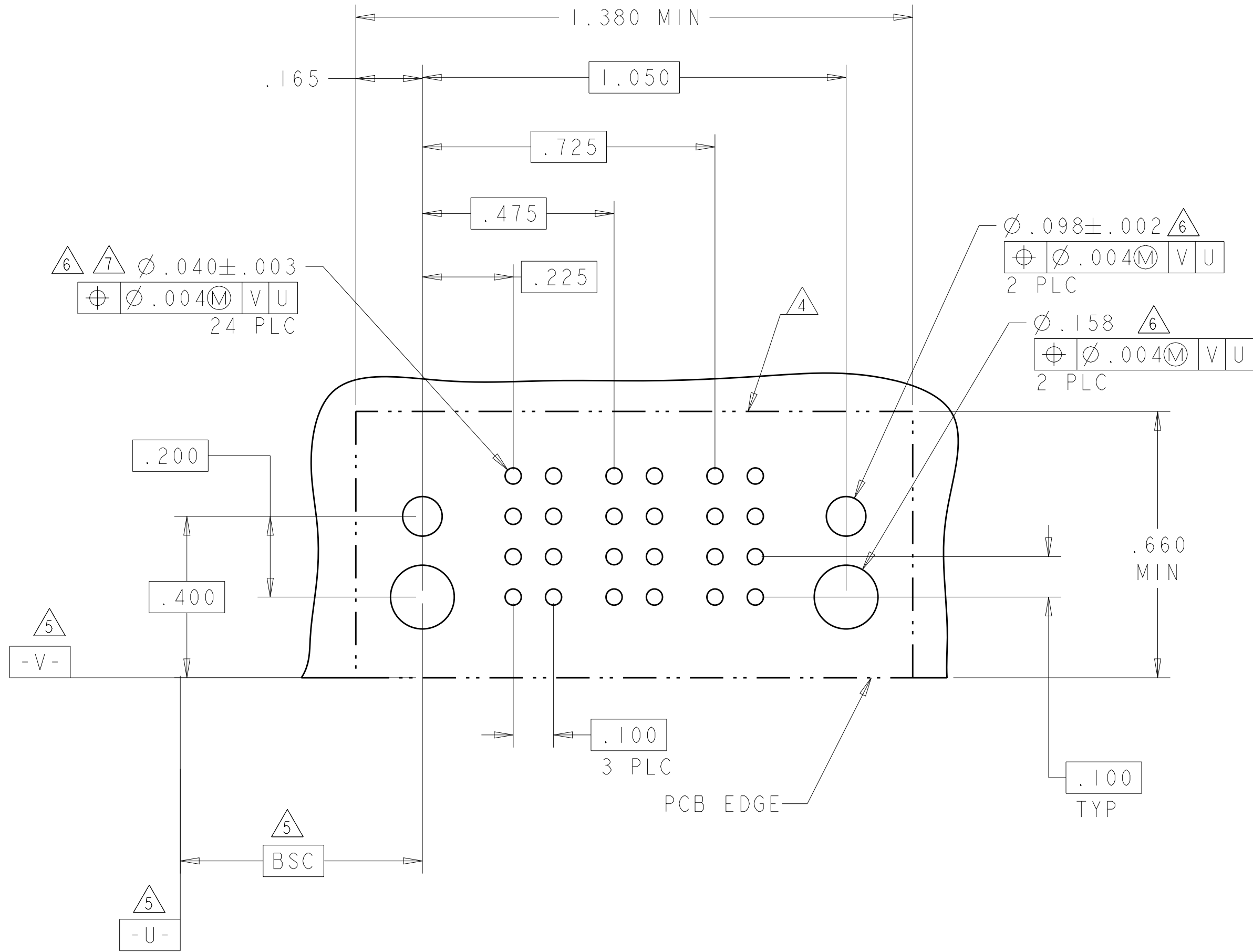
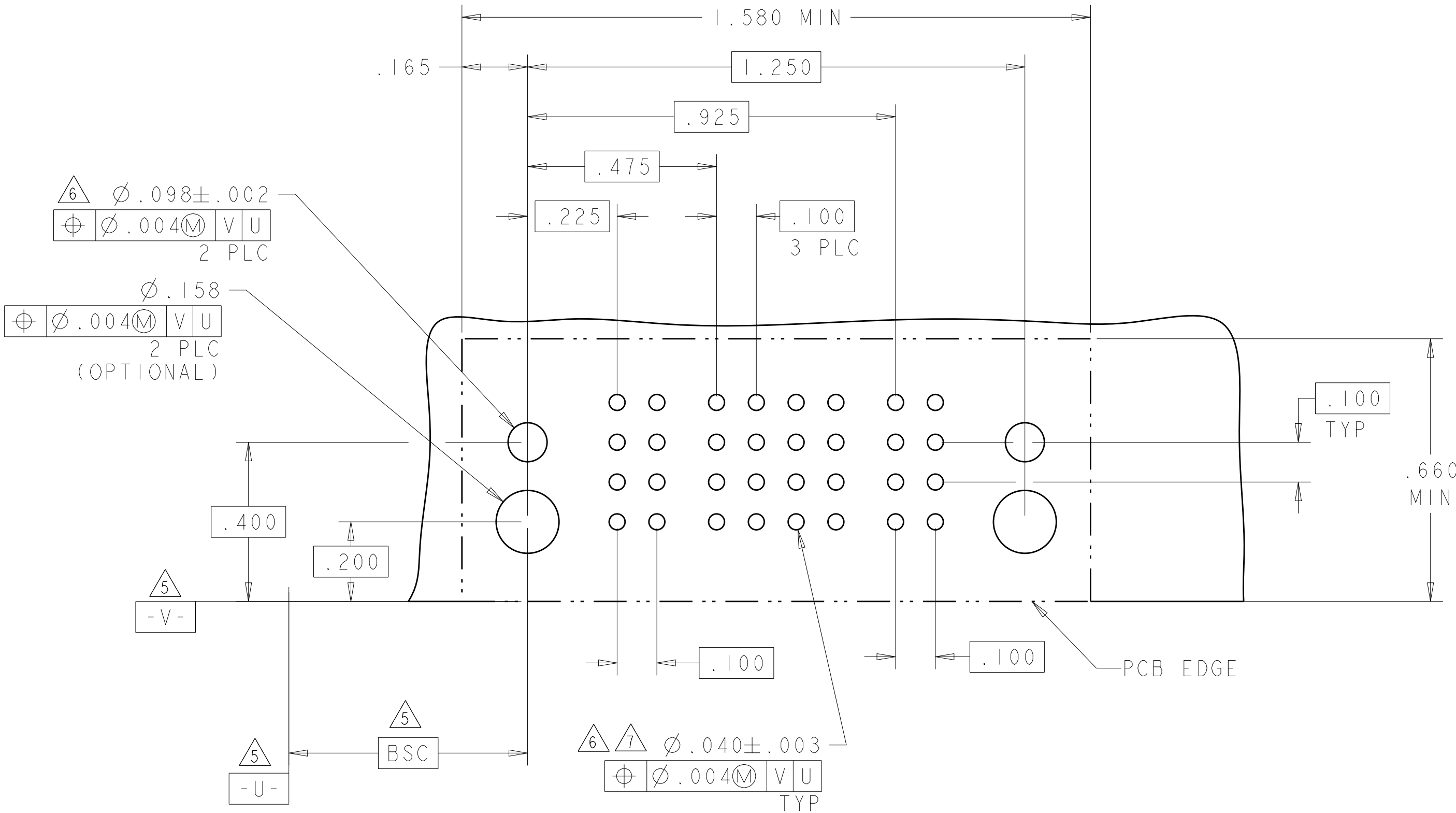
THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN R. GRZYBOWSKI	10FEB05	 TE Connectivity	
		CHK M. PERCHERKE	10FEB05		
DIMENSIONS: INCHES		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME	
		0 PLC ±.01		PRODUCT SPEC	
		1 PLC ±.01		108-1973	
		2 PLC ±.01		APPLICATION SPEC	
		3 PLC ±.005		114-13038	
		4 PLC ±.0020		WEIGHT	
		ANGLES ±.2°		A100779C=6450128	
MATERIAL		FINISH		RESTRICTED TO	
-		-		-	
		CUSTOMER DRAWING		SCALE 4:1 SHEET 4 OF 5 REV D4	

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

PART NUMBER	ROWS		POWER		SIGNAL				POWER																				
			P1		1	2	3	4	P2																				
I-6450128-2	D	HD	PM	<table><tr><td>J</td><td>J</td><td>J</td><td>J</td></tr><tr><td>K</td><td>K</td><td>K</td><td>K</td></tr><tr><td>N</td><td>N</td><td>N</td><td>N</td></tr><tr><td>S</td><td>S</td><td>S</td><td>S</td></tr></table>								J	J	J	J	K	K	K	K	N	N	N	N	S	S	S	S	PM	HD
	J											J	J	J															
	K											K	K	K															
	N											N	N	N															
	S											S	S	S															
C																													
B																													
A																													
IP + 16S + IP																													

D3

PART NUMBER	ROWS		POWER	SIGNAL		POWER	
			P1	I	2	P2	
I-6450128-3	D		PM	J	J	PM	
	C			K	K		
	B			N	N		
	A			S	S		
1HDP + 8S + 1HDP							



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[1-6450128-1](#)