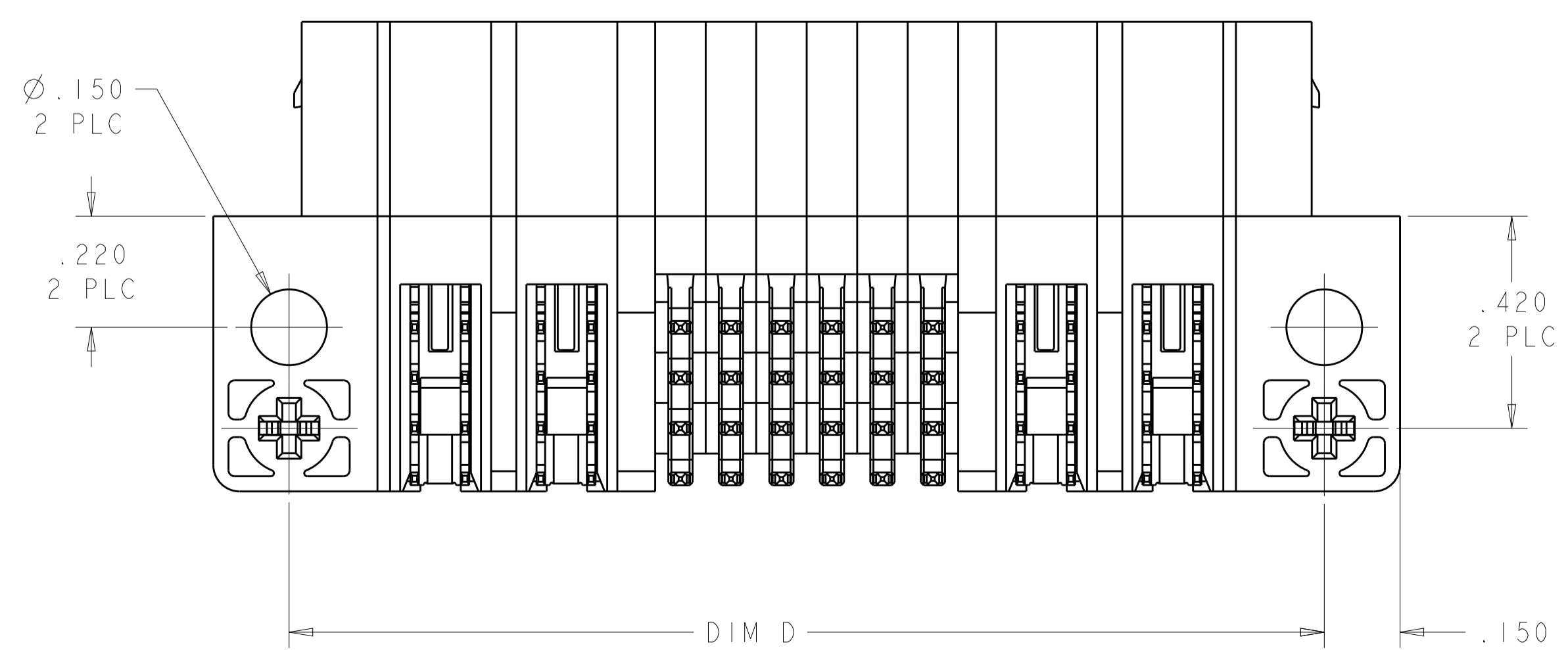
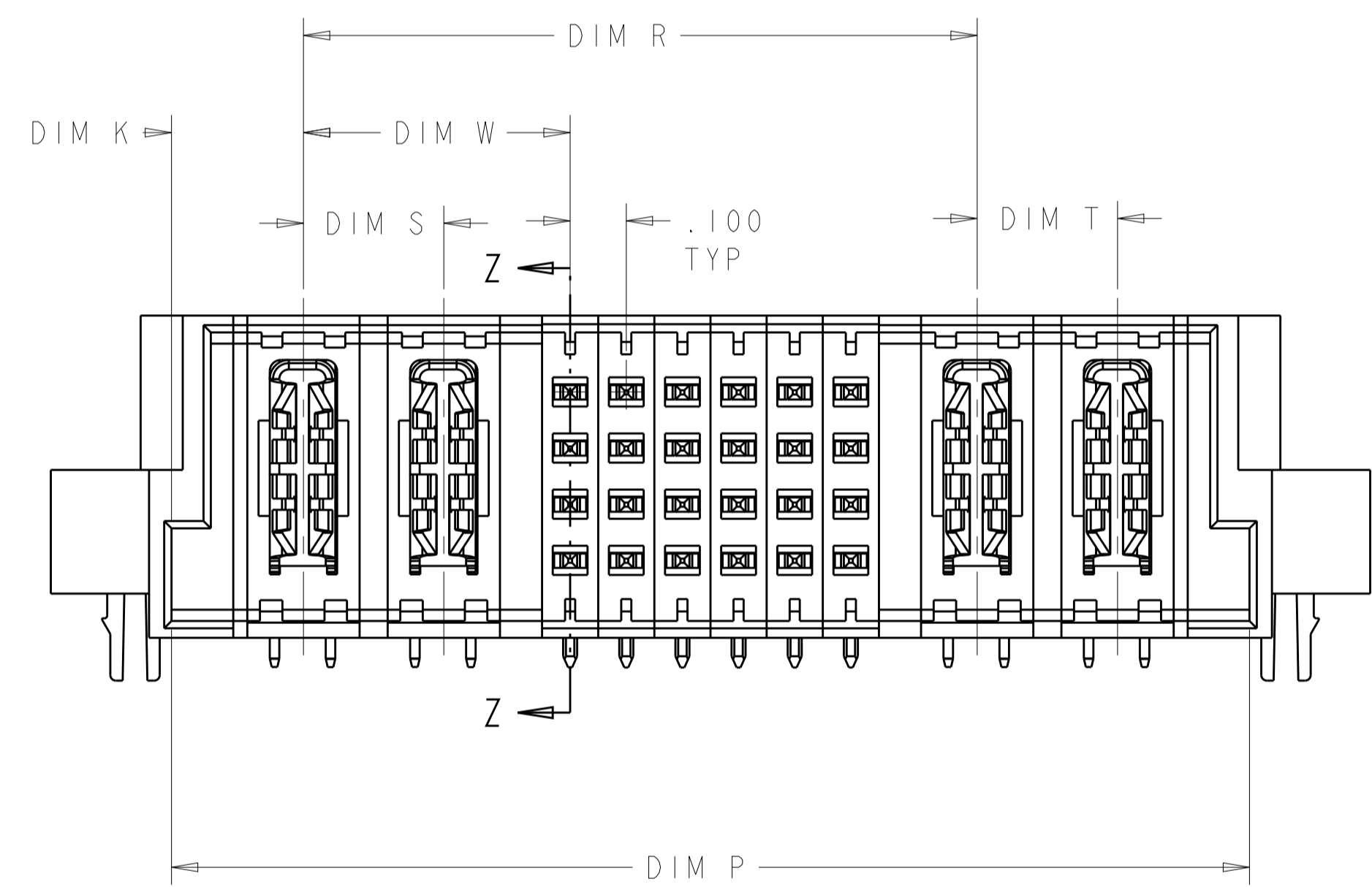
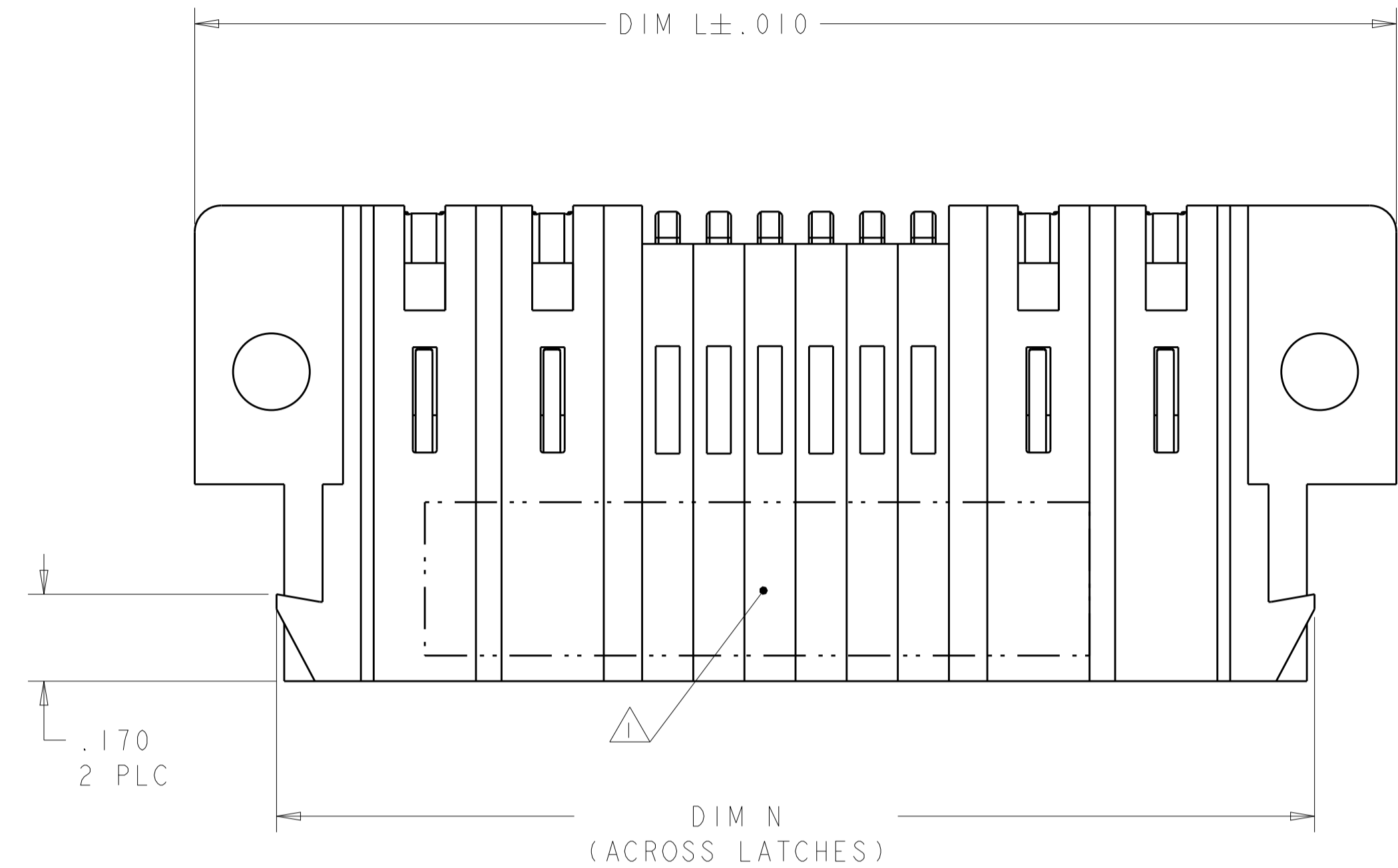
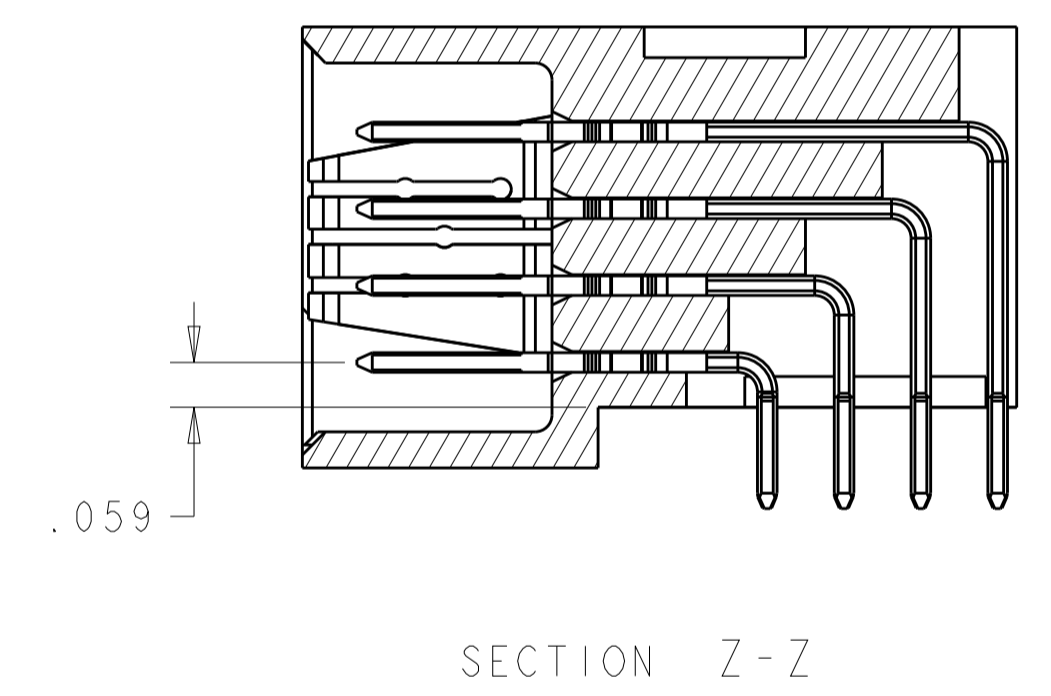
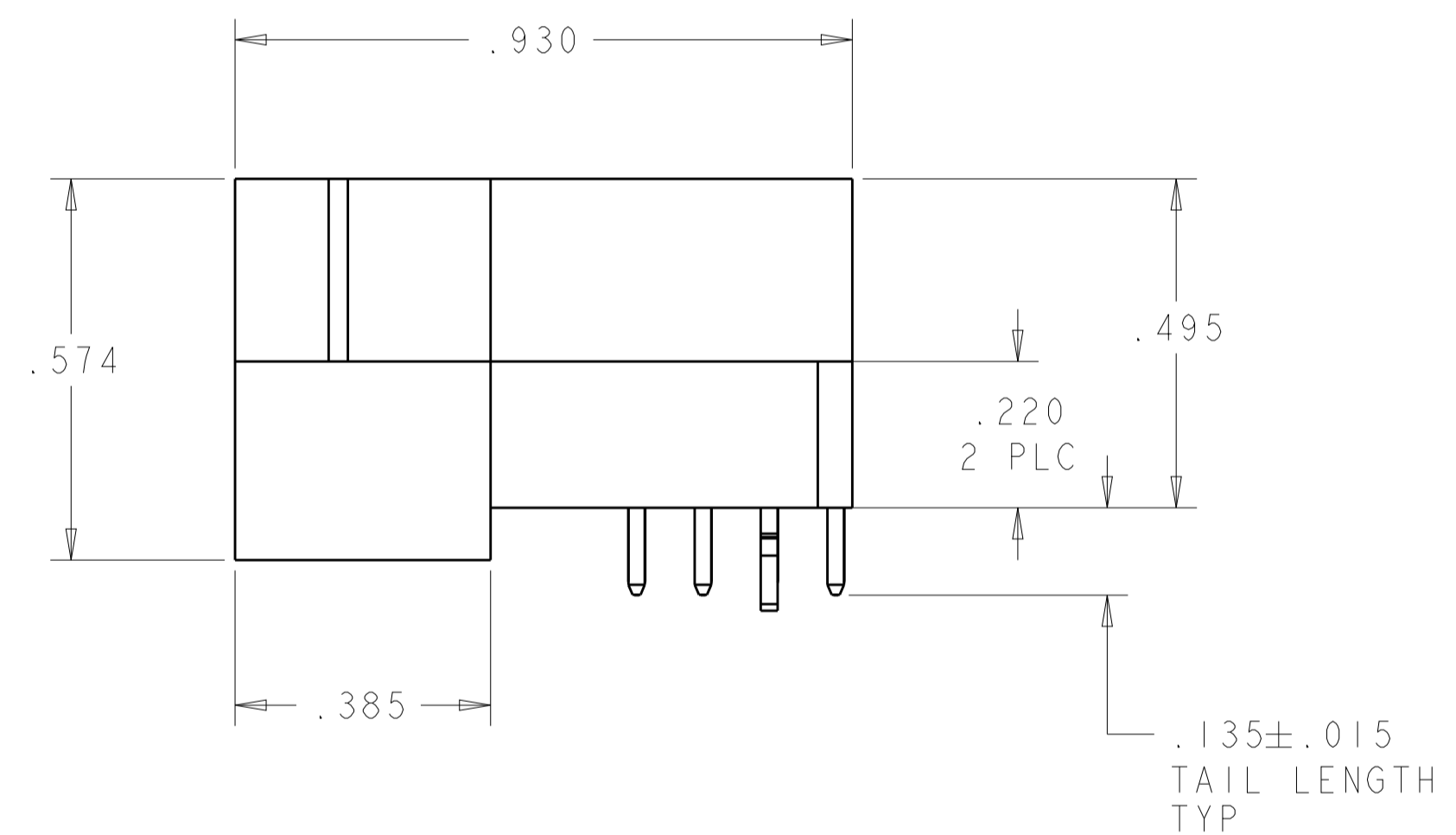


LOC		DIST		REVISIONS			
P	LTN	DESCRIPTION	DATE	DMN	APVD		
D4		ADD NEW PART 1-4	12SEP2013	CZ	SZ		



- 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 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 NOT RELEASED FOR PRODUCTION.



D4	DIM P	DIM N	DIM D	DIM R	DIM W	DIM T	DIM S	DIM L	DIM K	DESCRIPTION	PART NUMBER
	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	IHDP + 8S + IHDP	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

THIS DRAWING IS A CONTROLLED DOCUMENT.

DMN: R. GRZYBOWSKI TOFEB05
 CHK: M. PERCHERKE TOFEB05
 APVD: M. PERCHERKE

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

MATERIAL: 2
 FINISH: 3

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 ±.002

MATERIAL: 2
 FINISH: 3

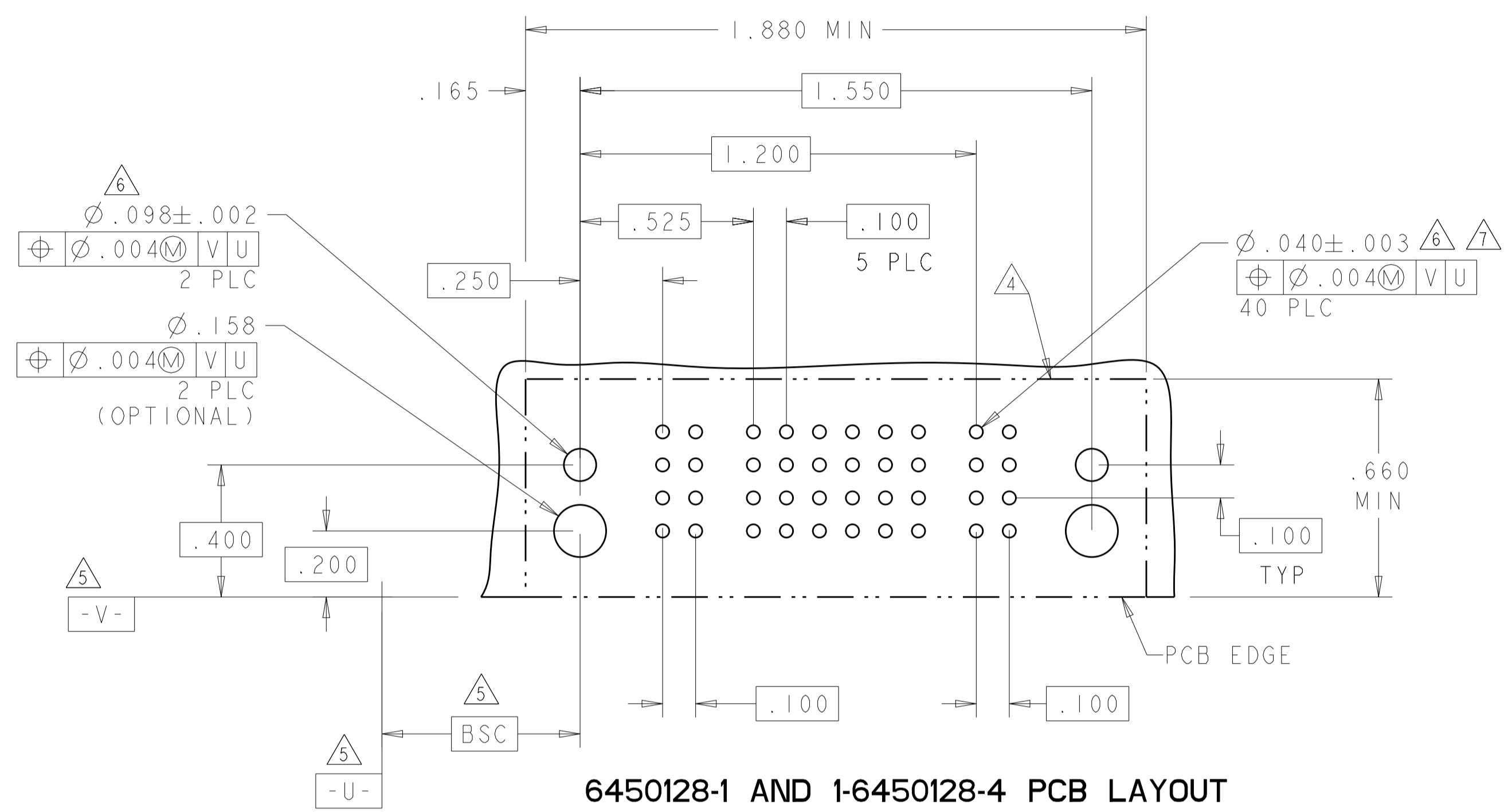
DMN: R. GRZYBOWSKI TOFEB05
 CHK: M. PERCHERKE TOFEB05
 APVD: M. PERCHERKE

NAME: RIGHT ANGLE HEADER ASSEMBLY W/END LATCHES MULTI-BEAM XL
 PRODUCT SPEC: 108-1973
 APPLICATION SPEC: 114-13038
 WEIGHT: -
 CUSTOMER DRAWING

SCALE: 4:1 SHEET 1 OF 5 REV: D4

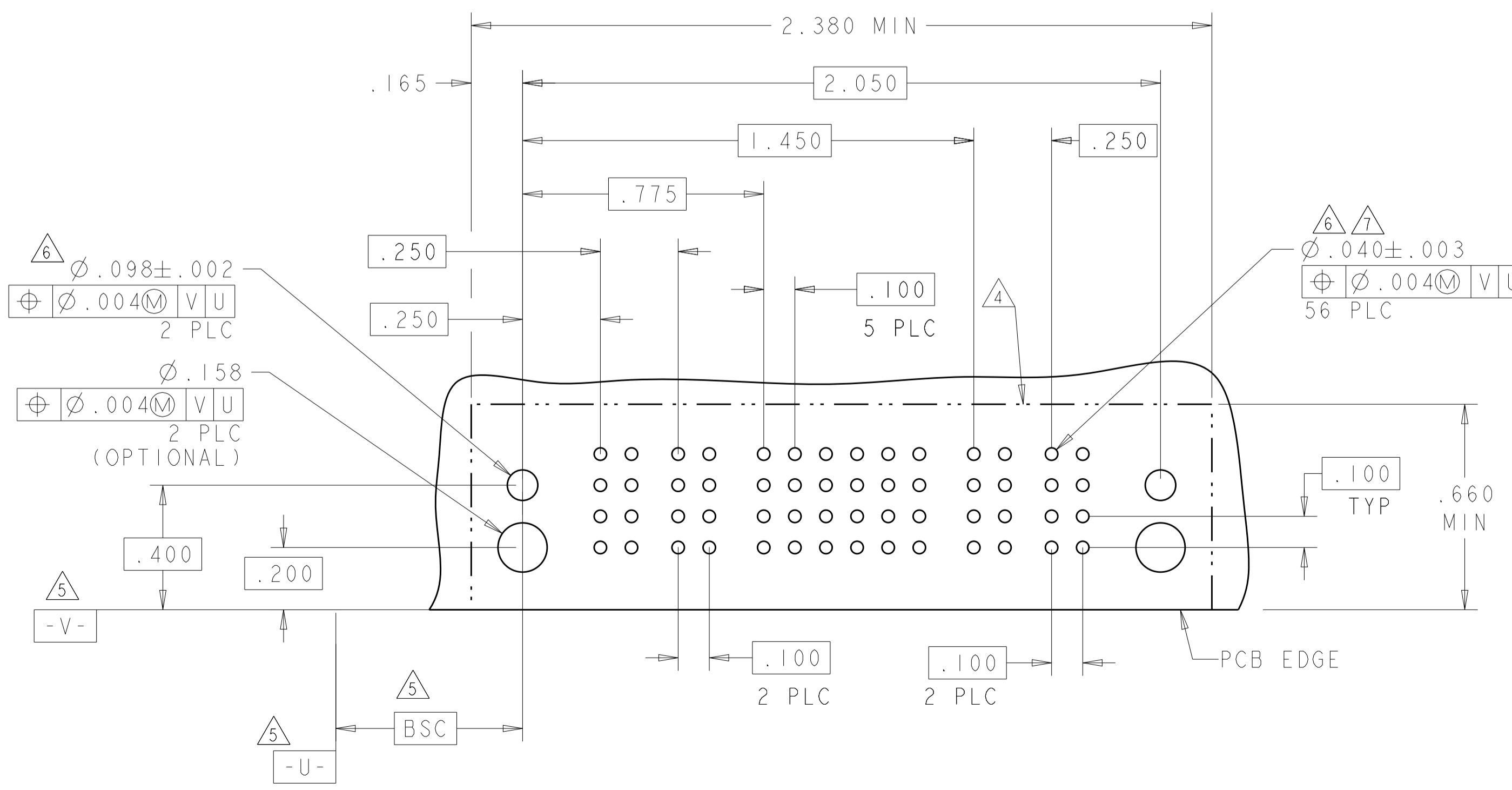
PART NUMBER	ROWS	POWER		SIGNAL						POWER	
		P1	P2	1	2	3	4	5	6	P2	
6450128-1	D	PM	PM	J	J	J	J	J	J	J	PM
	C			K	K	K	K	K	K		
	B			N	N	N	N	N	N		
	A			S	S	S	S	S	S		
IP + 24S + IP											

PART NUMBER	ROWS	POWER		SIGNAL						POWER	
		P1	P2	1	2	3	4	5	6	P2	
1-6450128-4	D	PM	PM	J	J	J	J	J	J	J	PM
	C			K	K	K	K	K	F		
	B			N	N	N	N	N	N		
	A			S	S	S	S	S	S		
IP + 24S + IP											

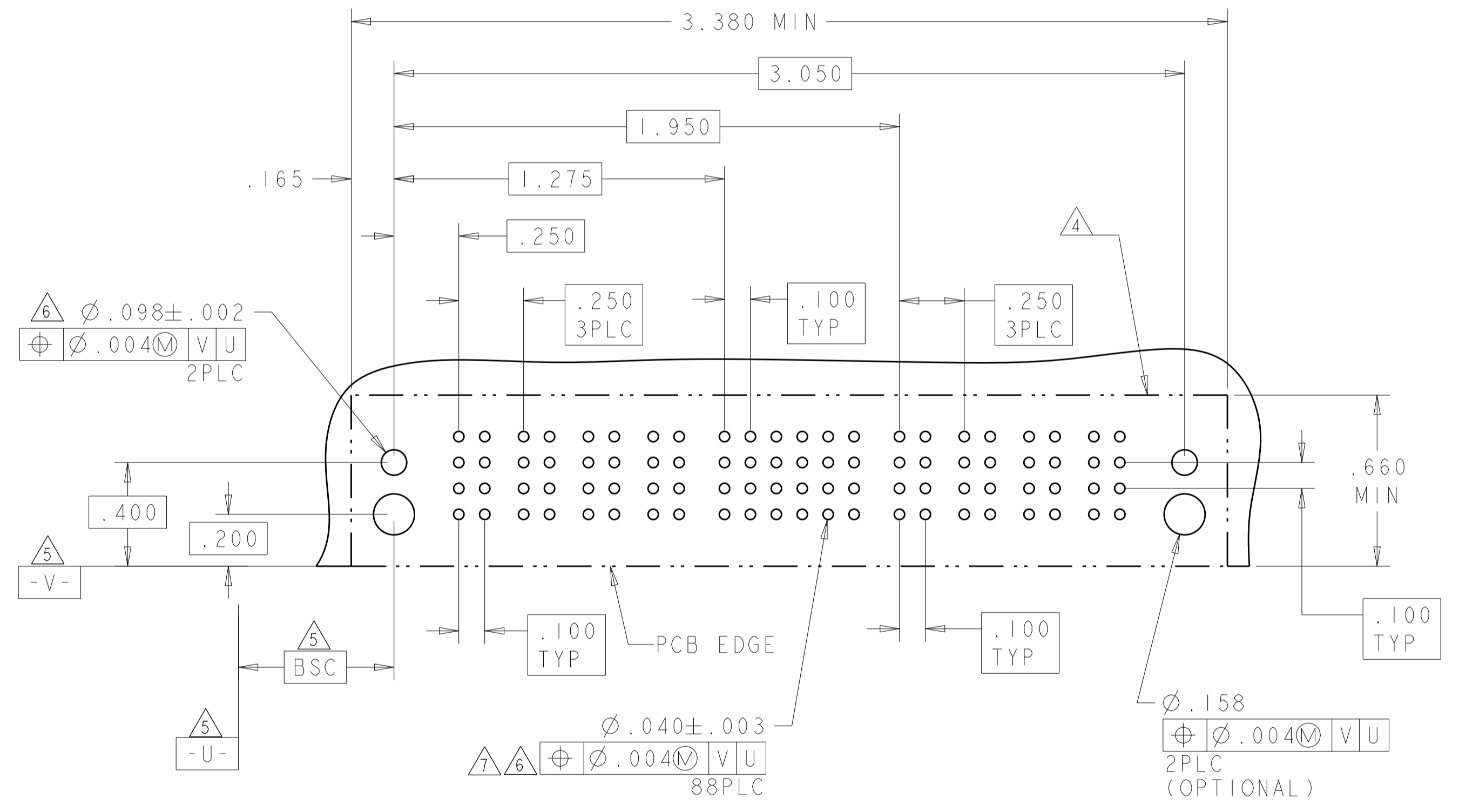


6450128-1 AND 1-6450128-4 PCB LAYOUT

PART NUMBER	ROWS	POWER		SIGNAL						POWER	
		P1	P2	1	2	3	4	5	6	P3	P4
6450128-2	D	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			
2P + 24S + 2P											



PART NUMBER	ROWS	POWER				SIGNAL						POWER			
		P1	P2	P3	P4	1	2	3	4	5	6	P5	P6	P7	P8
6450128-5	D	PM	PM	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				
4P + 24S + 4P															



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

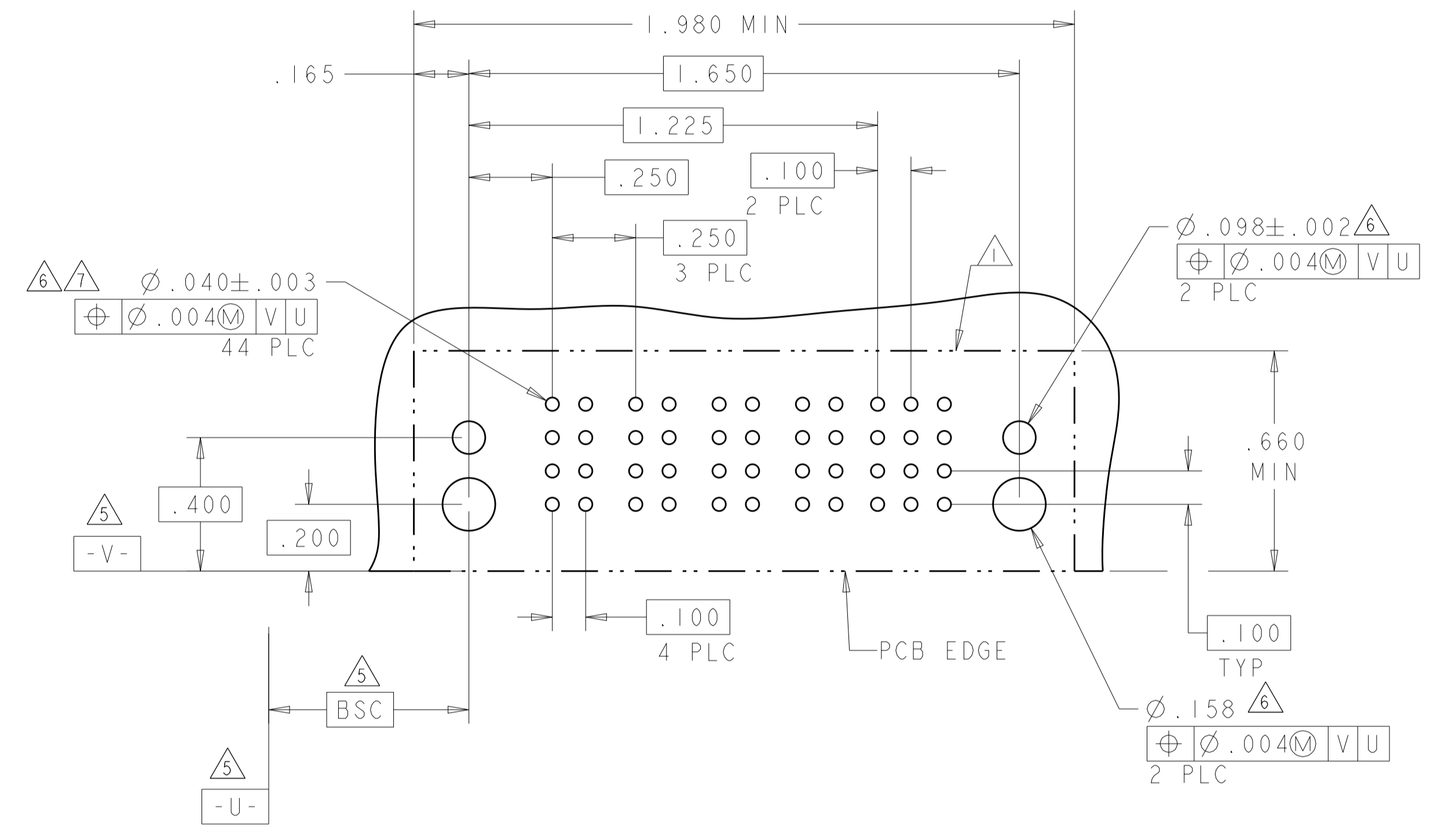
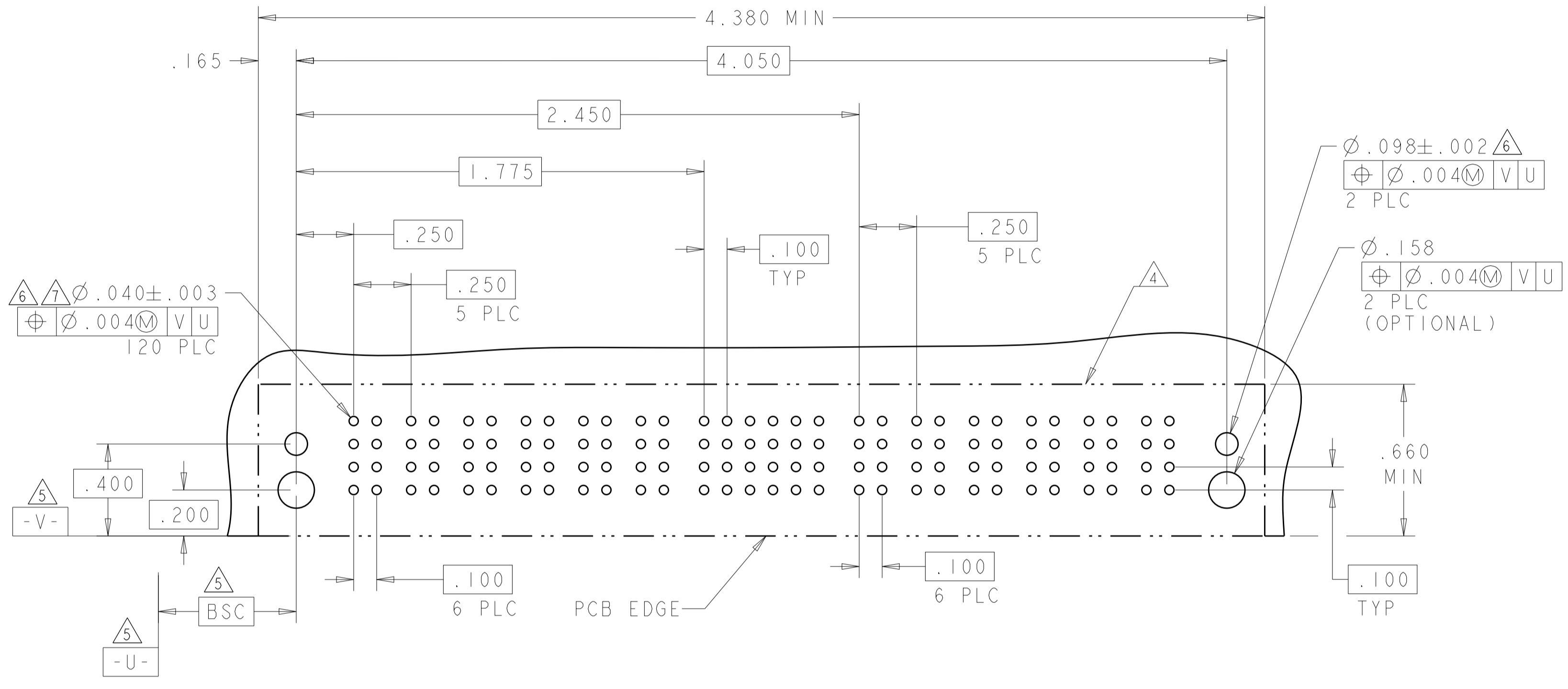
PA	.090
PM	.135
CODE	TAIL LENGTH
POWER CONTACT	
SIGNAL CONTACT	

THIS DRAWING IS A CONTROLLED DOCUMENT.		OWN: R. GRZYBOWSKI		TOFEB05	
DIMENSIONS: INCHES		CHK: M. PERCHERKE		TOFEB05	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD: M. PERCHERKE		NAME	
0 PLC ± .01		PRODUCT SPEC		RIGHT ANGLE HEADER ASSEMBLY	
1 PLC ± .01		APPLICATION SPEC		W/END LATCHES	
2 PLC ± .005		114-13038		MULTI-BEAM XL	
3 PLC ± .0020		WEIGHT		SIZE: CAGE CODE: DRAWING NO	
ANGLES ± .0020		CUSTOMER DRAWING		RESTRICTED TO	
FINISH		SCALE 4:1		SHEET 2 OF 5	
MATERIAL		REV D4		DRAWING NO: A100779	
PART NUMBER: 6450128		SCALE 4:1		SHEET 2 OF 5	

LOC	DIST	REVISIONS					
GP	00	P	LTN	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	PM	PM	PM	PM	PM	E	E	E	E	E	J	PM	PM	PM	PM	PM	PM	
							F	F	F	F	F	F							
							G	G	G	G	G	G							
							S	H	H	H	H	H							
6P + 24S + 6P		HD						HD											

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

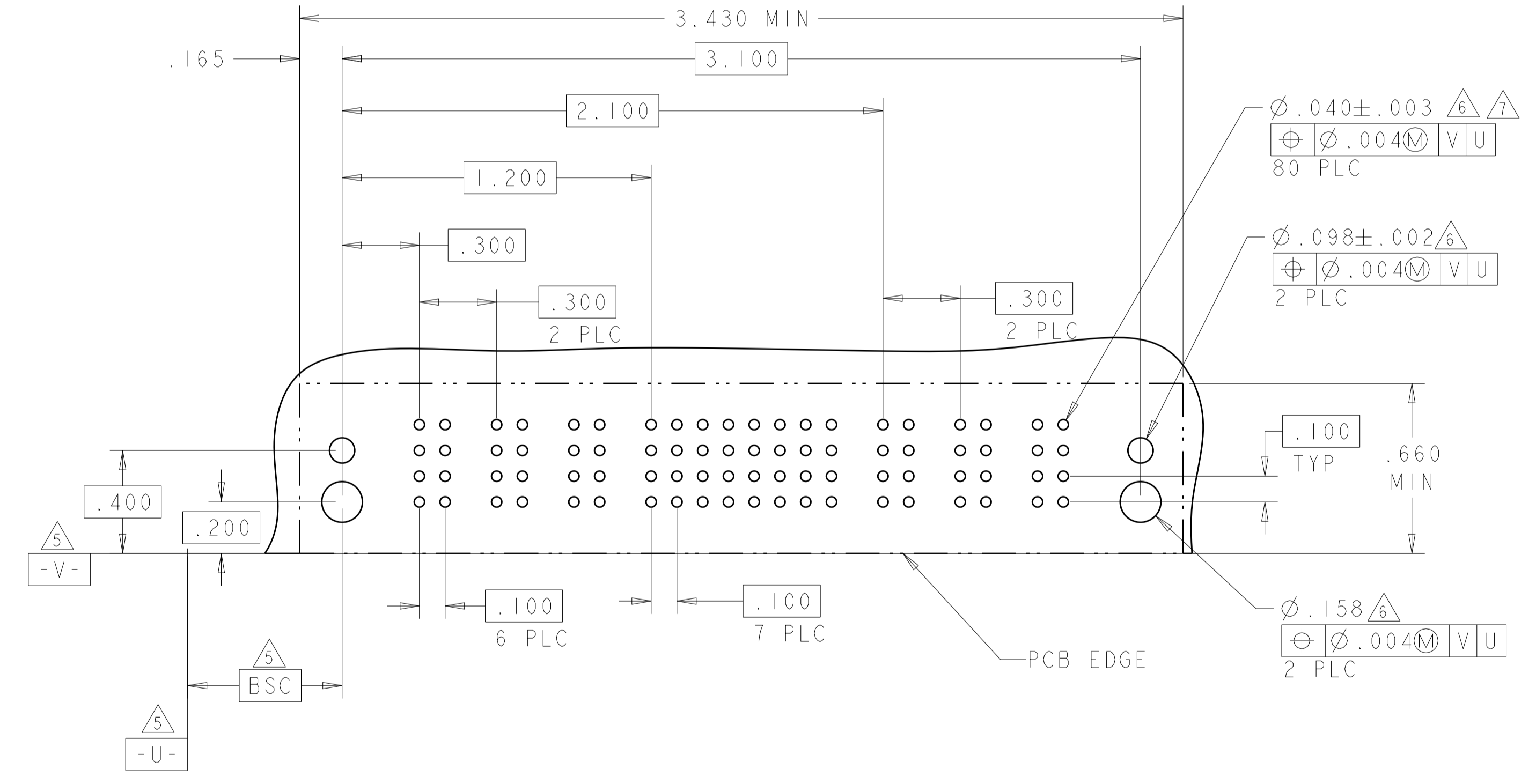
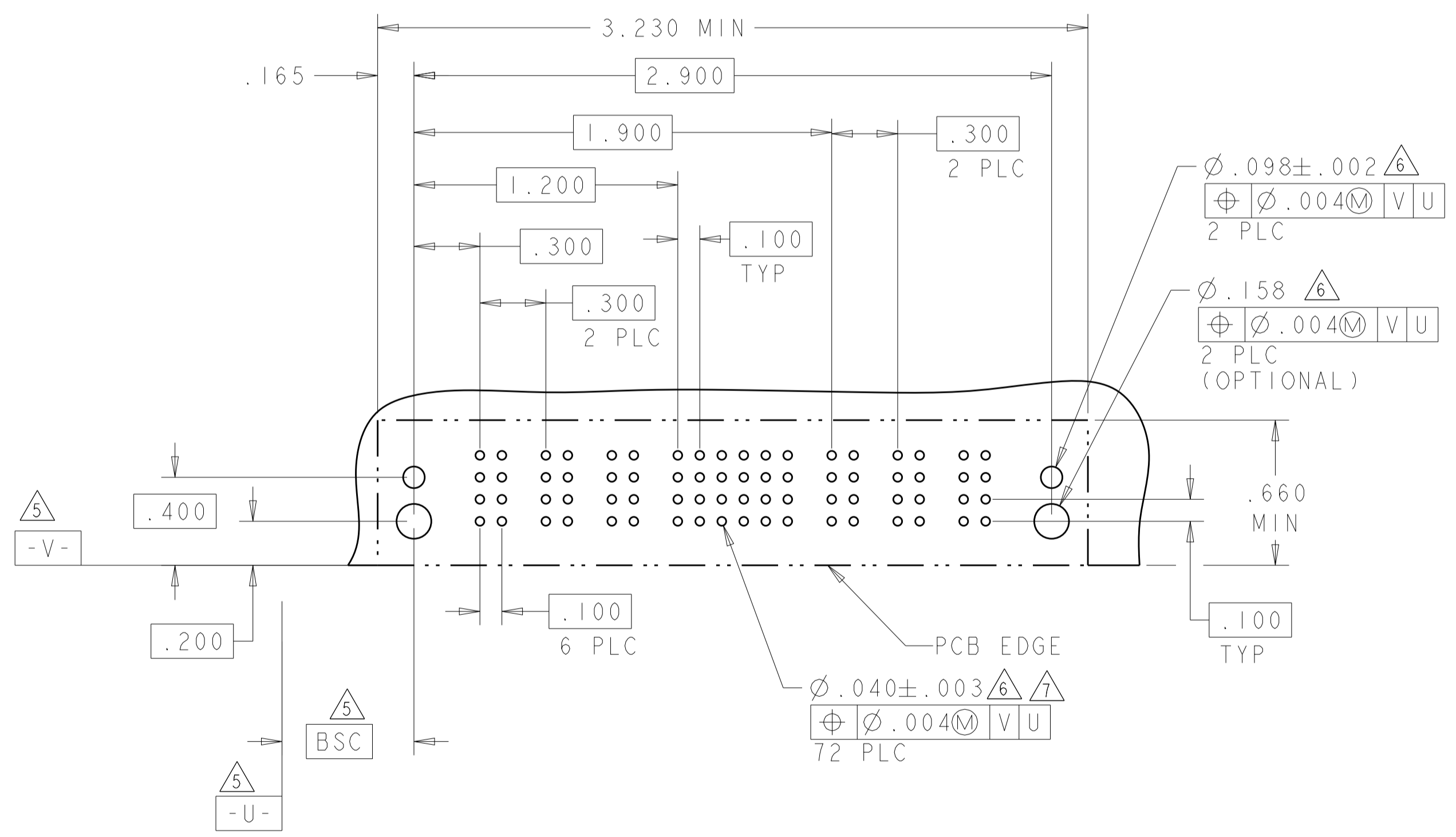


THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN: R. GRZYBOWSKI CHK: M. PERCHERKE APVD: M. PERCHERKE	10FEB05 10FEB05	TE Connectivity
DIMENSIONS: INCHES	TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±. 1 PLC ±.01 2 PLC ±.01 3 PLC ±.005 4 PLC ±.0020 ANGLES ±.2°	NAME: RIGHT ANGLE HEADER ASSEMBLY PRODUCT SPEC: 108-1973 APPLICATION SPEC: 114-13038 WEIGHT: -	SIZE: A1 CAGE CODE: 00779 DRAWING NO: 6450128	
MATERIAL: -	FINISH: -	CUSTOMER DRAWING		SCALE: 4:1 SHEET 3 OF 5 REV: D4

LOC	DIST	REVISIONS			
P	LTN	DESCRIPTION	DATE	DMN	APVD
-	-	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				S	S	S	S	S	S			
		3ACP + 24S + 3ACP		HD		HD							

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



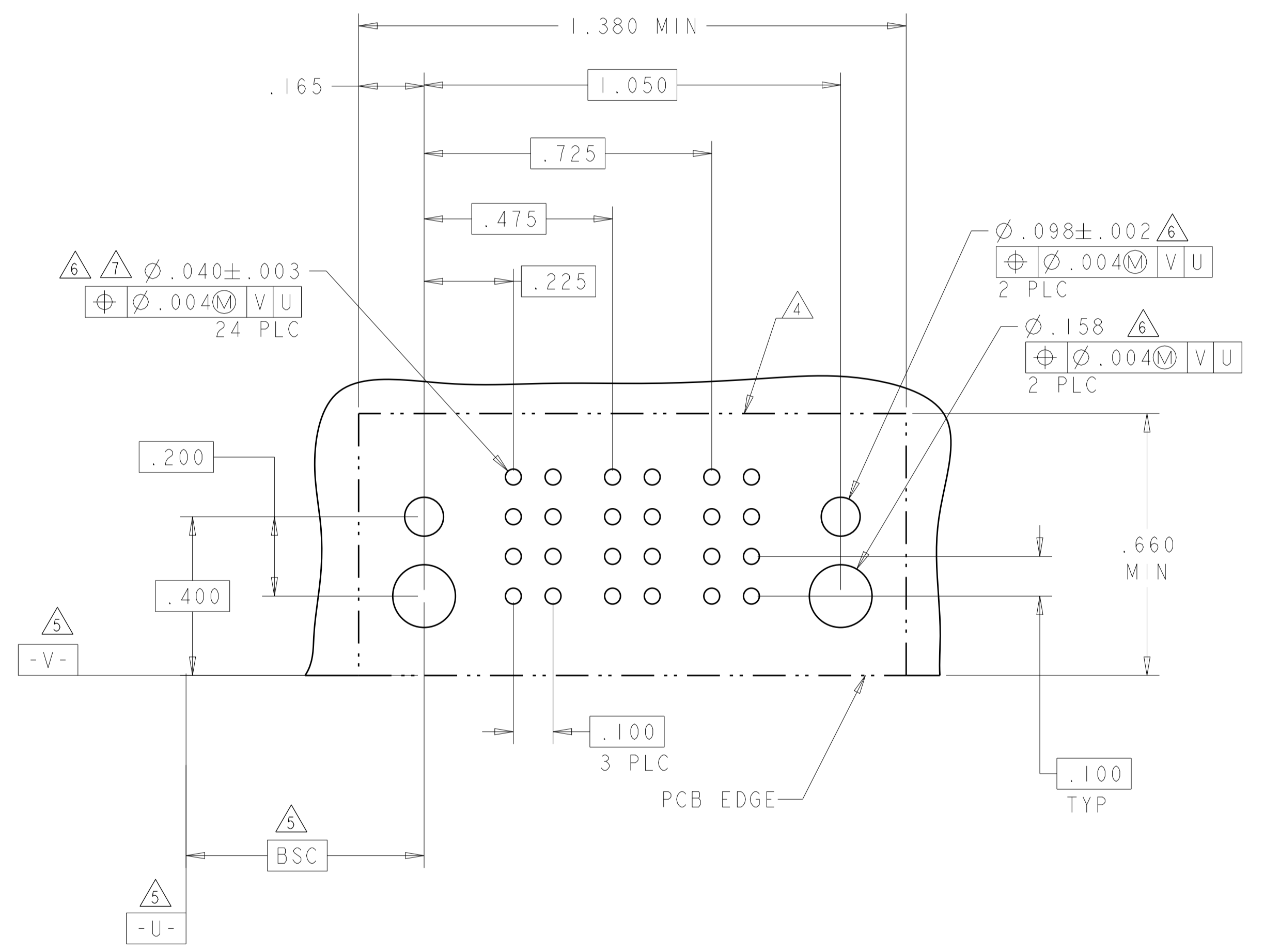
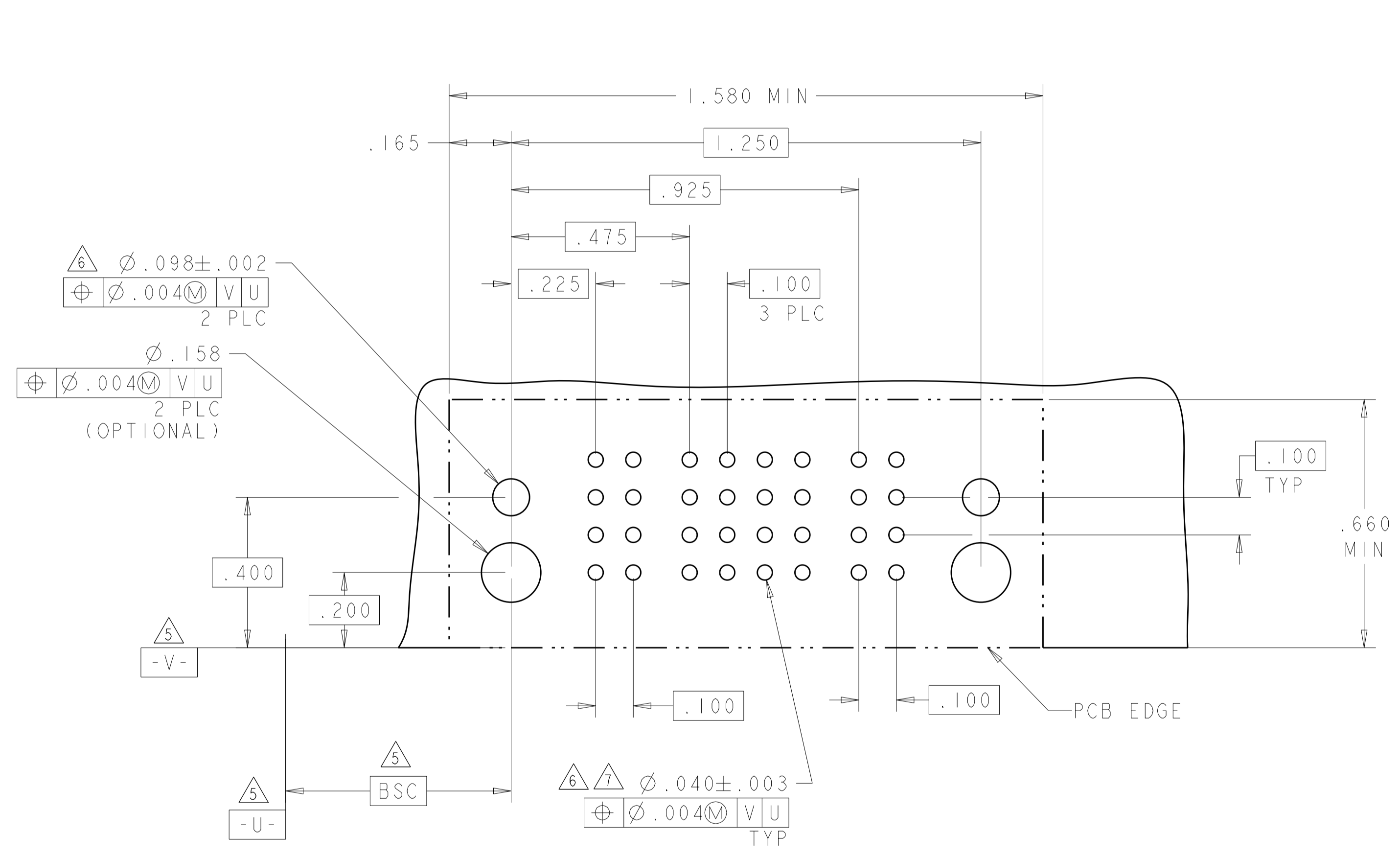
THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: INCHES	TOLERANCES UNLESS OTHERWISE SPECIFIED:	DMN: R. GRZYBOWSKI	10FEB05		TE Connectivity												
<table border="1"> <tr><td>0 PLC</td><td>±</td></tr> <tr><td>1 PLC</td><td>±.01</td></tr> <tr><td>2 PLC</td><td>±.01</td></tr> <tr><td>3 PLC</td><td>±.005</td></tr> <tr><td>4 PLC</td><td>±.0020</td></tr> </table>	0 PLC	±	1 PLC		±.01	2 PLC	±.01	3 PLC	±.005	4 PLC	±.0020	<table border="1"> <tr><td>ANGLES</td><td>±.0020</td></tr> </table>	ANGLES	±.0020	CHK: M. PERCHERKE	10FEB05	NAME: RIGHT ANGLE HEADER ASSEMBLY W/END LATCHES MULTI-BEAM XL
0 PLC	±																
1 PLC	±.01																
2 PLC	±.01																
3 PLC	±.005																
4 PLC	±.0020																
ANGLES	±.0020																
MATERIAL: -	FINISH: -	APVD: M. PERCHERKE	PRODUCT SPEC: 108-1973	SIZE: A1	CAGE CODE: 6450128												
CUSTOMER DRAWING		114-13038	SCALE: 4:1	SHEET: 4	OF: 5												

LOC	DIST	REV	DATE	BY	APPV
GP	00				
REVISIONS					

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

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



THIS DRAWING IS A CONTROLLED DOCUMENT.		OWN: R. GRZYBOWSKI CHK: M. PERCHERKE APPV: M. PERCHERKE	10FEB05 10FEB05	STE TE Connectivity
DIMENSIONS: INCHES	TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± 2 PLC ±.01 3 PLC ±.005 4 PLC ±.0020 ANGLES ±.2°	NAME: RIGHT ANGLE HEADER ASSEMBLY PRODUCT SPEC: 108-1973 APPLICATION SPEC: 114-13038 WEIGHT: -	SIZE: A1 CAGE CODE: 00779 DRAWING NO: 6450128	
MATERIAL: -	FINISH: -	CUSTOMER DRAWING	SCALE: 4:1	SHEET 5 OF 5

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for [Power to the Board](#) category:

Click to view products by [TE Connectivity](#) manufacturer:

Other Similar products are found below :

[10131318-08512GRLF](#) [6450171-4](#) [6450552-7](#) [6600323-8](#) [6643429-1](#) [6646040-2](#) [6651939-1](#) [6766604-1](#) [120959-1](#) [1393557-2](#) [1393532-2](#)
[1393532-3](#) [1393532-4](#) [1393557-1](#) [1600812-5](#) [1-6450861-2](#) [1645595-1](#) [1743490-1](#) [1744132-7](#) [1761122-1](#) [1766169-1](#) [1766250-1](#) [18362](#)
[1892109-1](#) [1-967627-6](#) [2226808-1](#) [2-6450860-5](#) [2-6450860-6](#) [2-6450870-0](#) [93003-0502](#) [953552-1](#) [1-6450161-4](#) [1-6450850-6](#) [1645526-2](#) [1-](#)
[6600130-0](#) [1743419-1](#) [1766150-1](#) [2005243-2](#) [211110-1](#) [2-6600130-2](#) [TE34-12-16P-F0](#) [51700-10201602AALF](#) [5-6450830-6](#) [5646956-4](#)
[36662-0005](#) [40585-3000](#) [4-6450830-9](#) [4-6600333-3](#) [51142-0214](#) [10125416-4050LF](#)