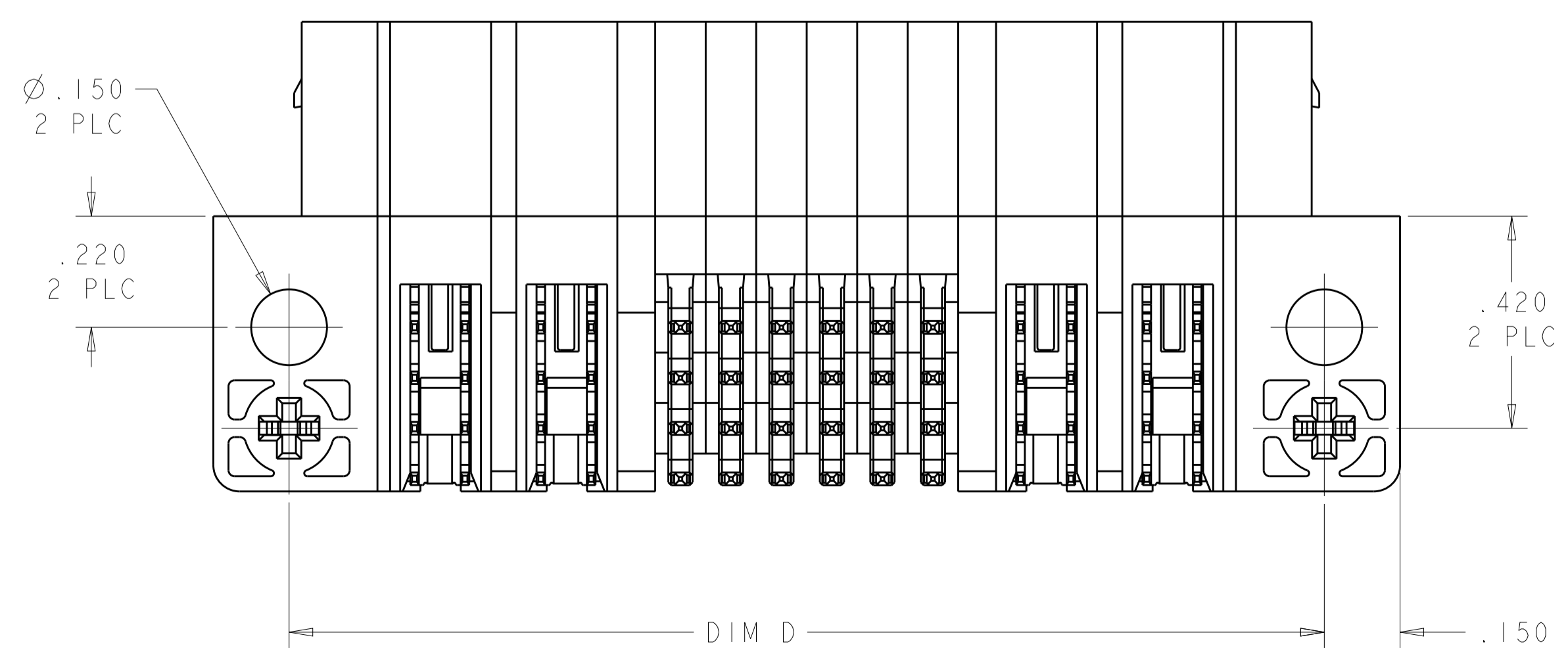
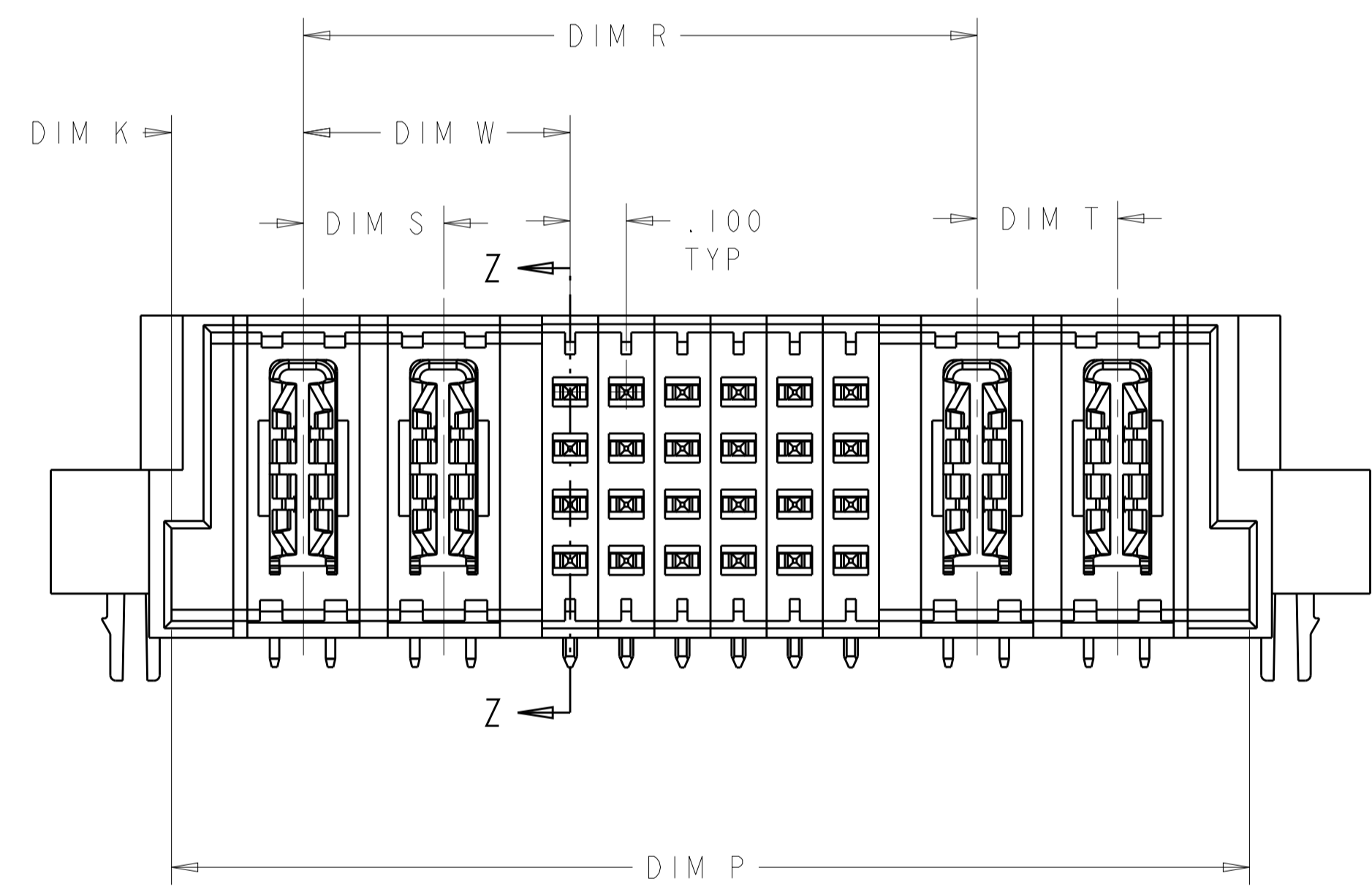
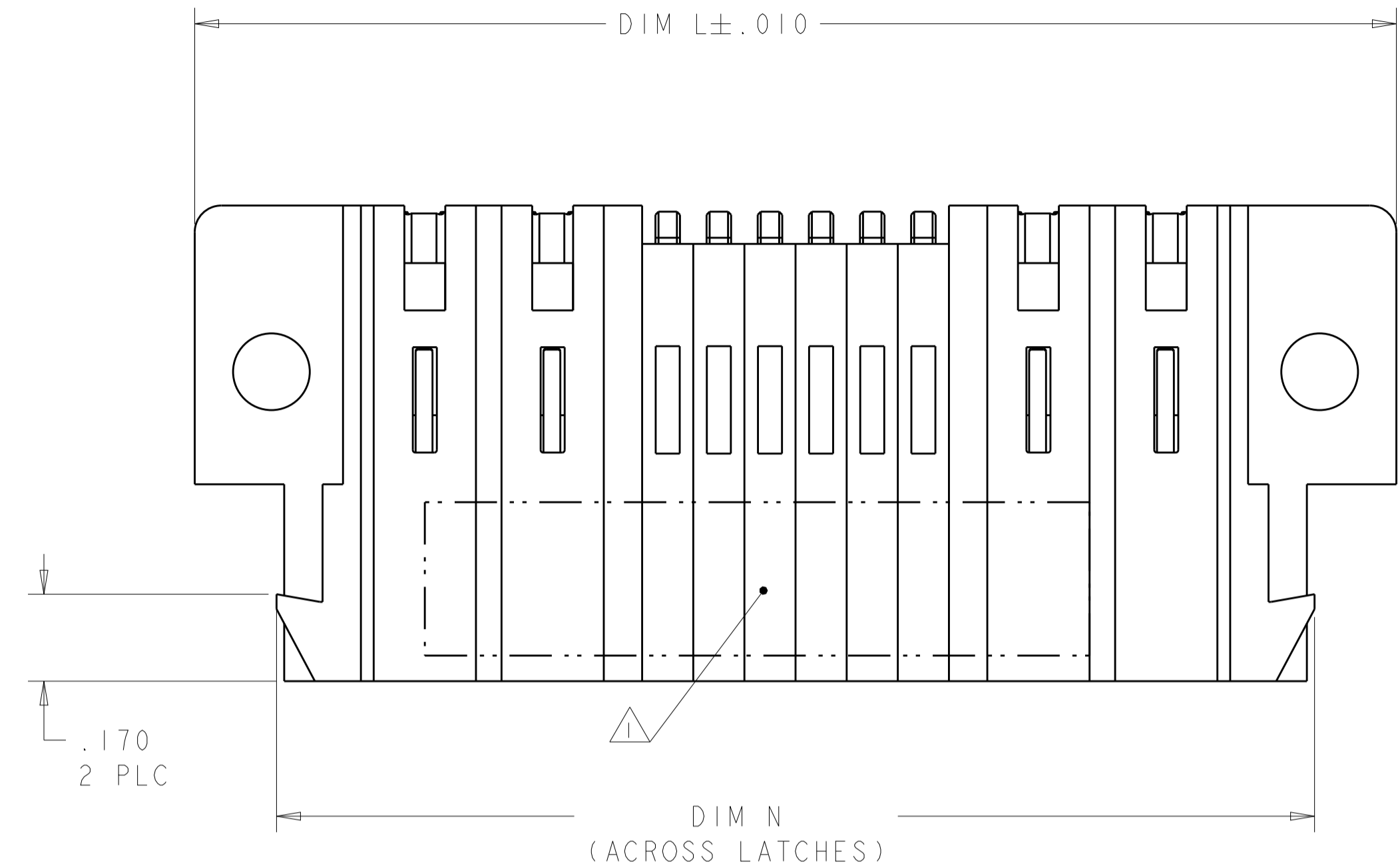
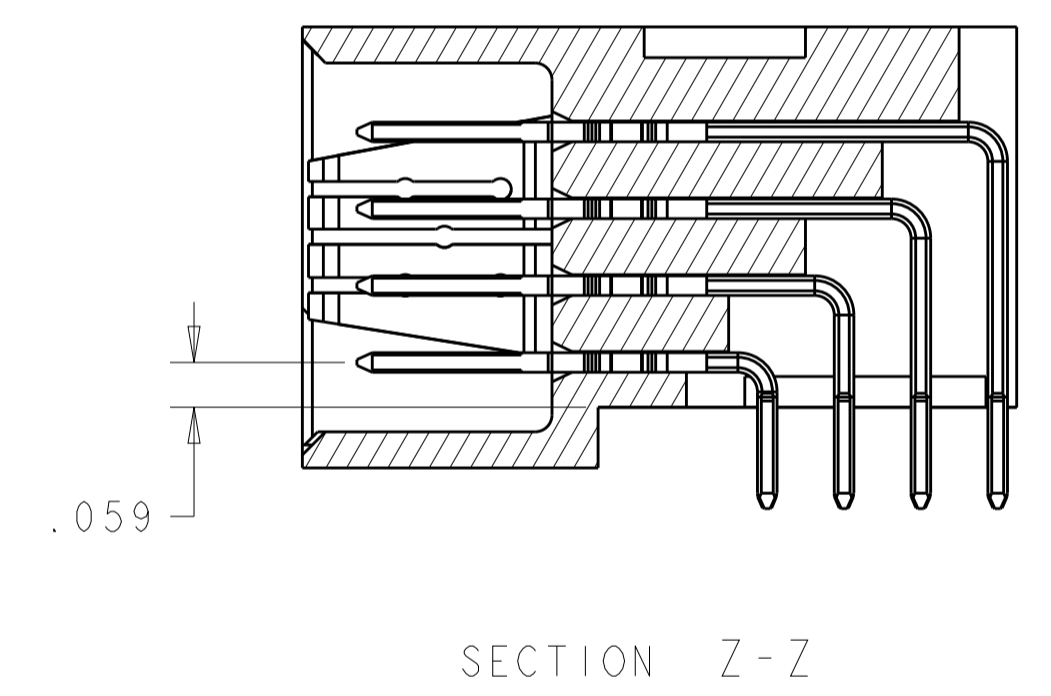
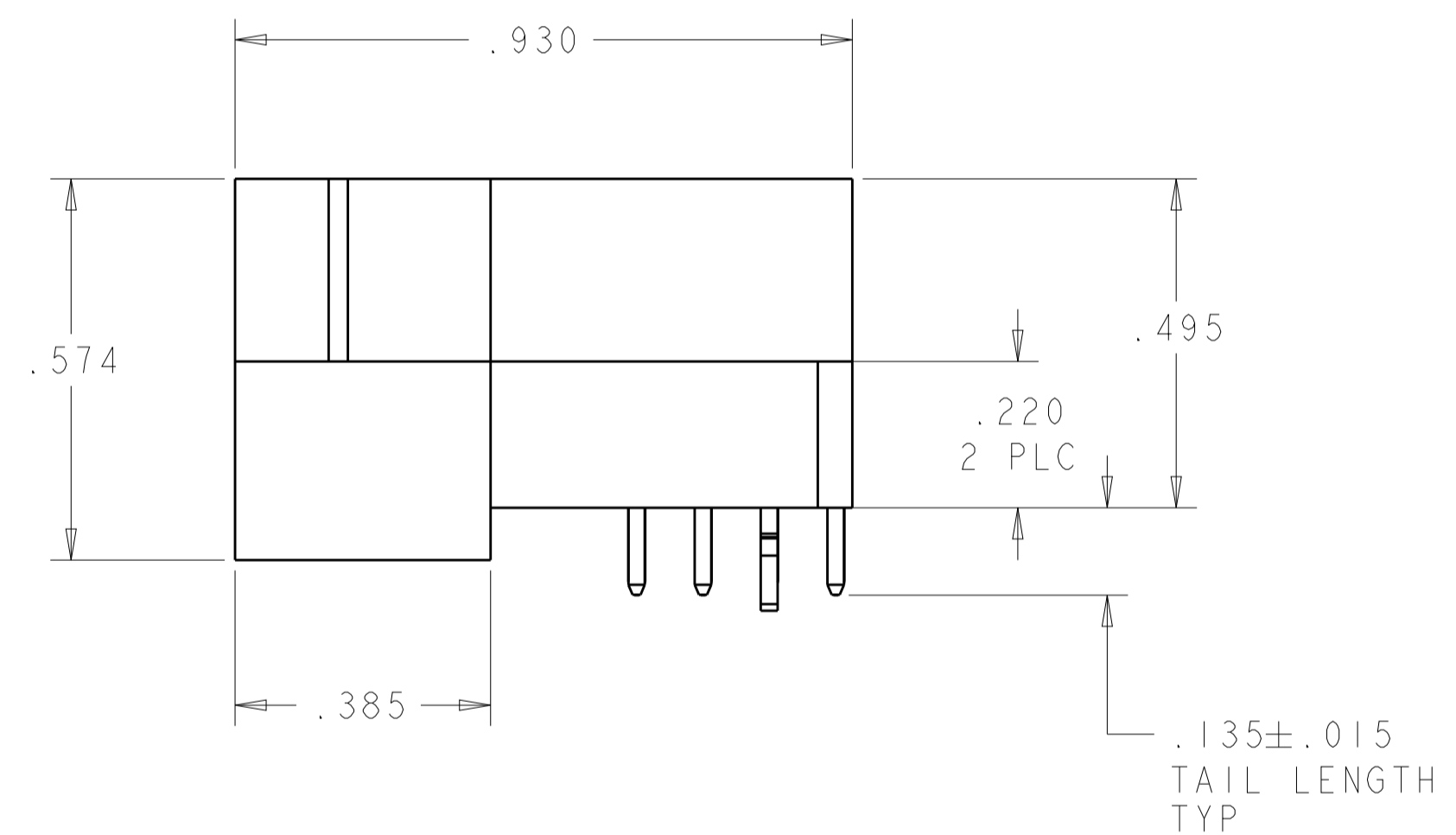


LOC		DIST		REVISIONS			
GP	00	P	LTN	DESCRIPTION	DATE	DMN	APVD
		D4		ADD NEW PART 1-4	12SEP2013	CZ	SZ



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

TOFEB05
 TOFEB05

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

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

SIZE: 114-13038
 CAGE CODE: A100779
 DRAWING NO: C=6450128

RESTRICTED TO: -

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

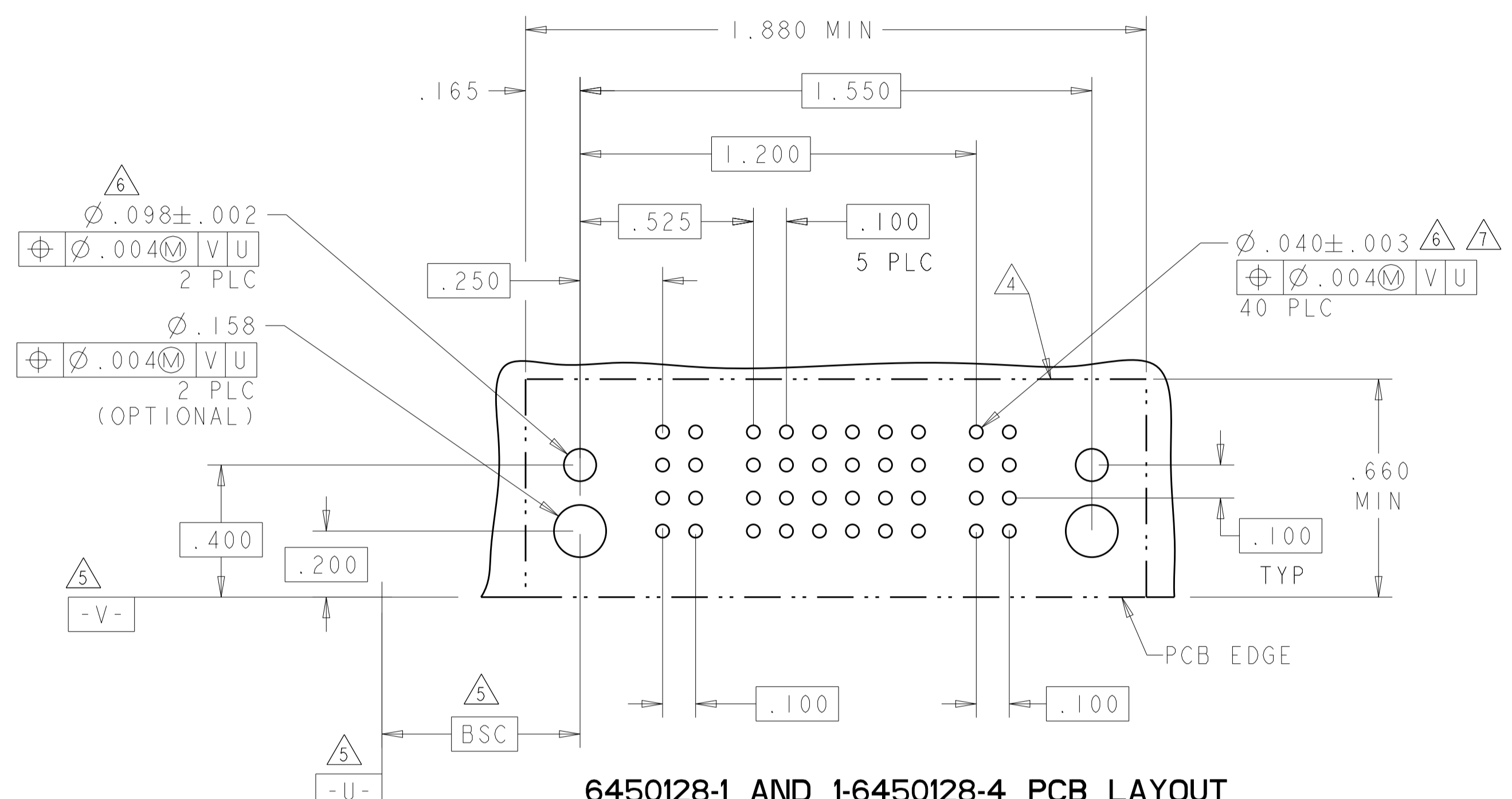
LOC	DIST	REVISIONS			
GP	00	REV	DATE	BY	APPV
		1			
		2			

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	PM	HD
	C			K	K	K	K	K	K		
	B			N	N	N	N	N	N		
	A			S	S	S	S	S	S		

IP + 24S + IP

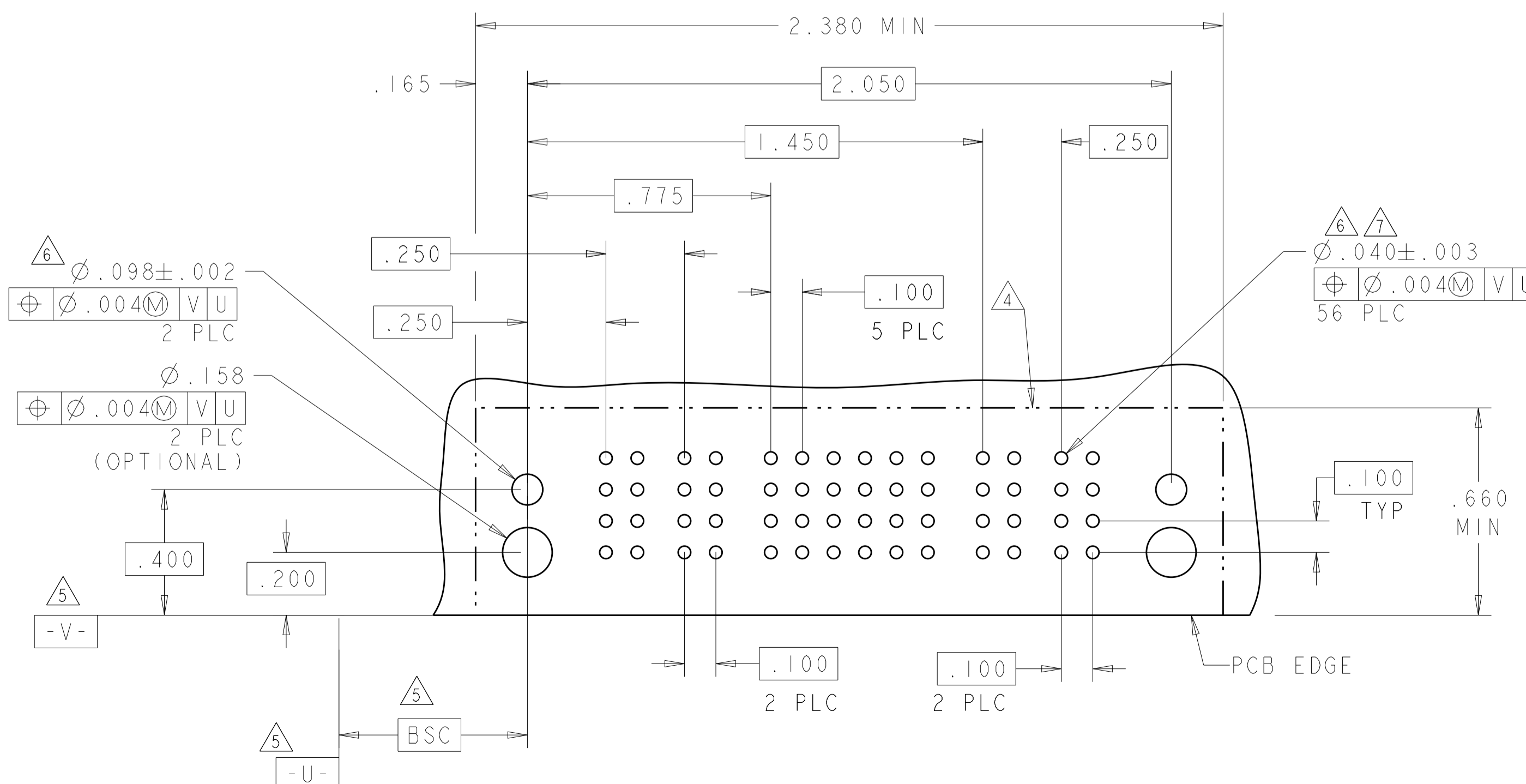
PART NUMBER	ROWS	POWER		SIGNAL						POWER	
		P1	P2	1	2	3	4	5	6	P2	
1-6450128-4	D	PM	PM	J	J	J	J	J	J	PM	HD
	C			K	K	K	K	K	F		
	B			N	N	N	N	N	N		
	A			S	S	S	S	S	S		

IP + 24S + IP



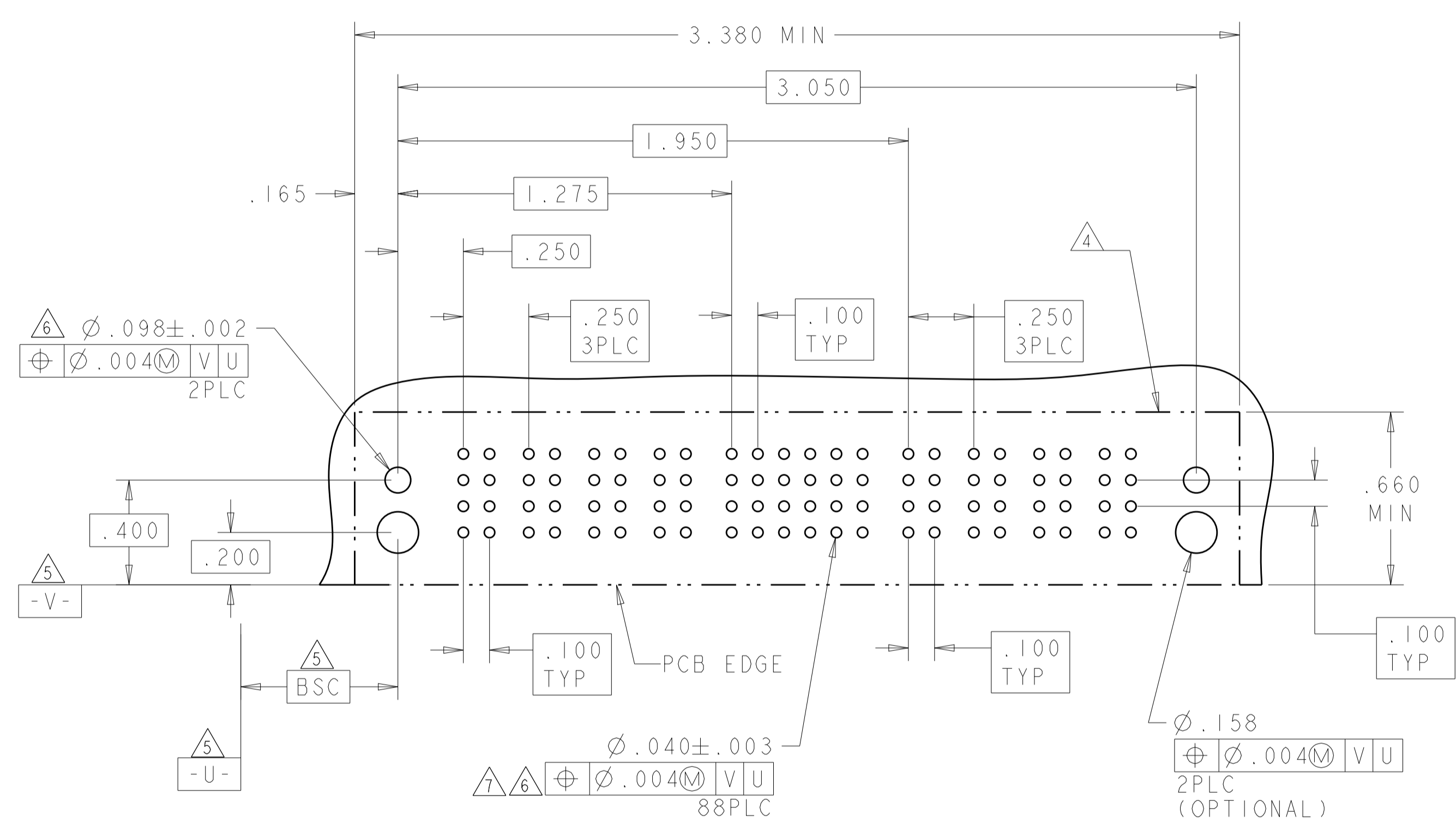
PART NUMBER	ROWS	POWER		SIGNAL						POWER		
		P1	P2	1	2	3	4	5	6	P3	P4	
6450128-2	D	PM	PM	J	J	J	J	J	J	PM	PM	HD
	C			K	K	K	K	K	K			
	B			N	N	N	N	N	N			
	A			S	S	S	S	S	S			

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	HD
	C					K	K	K	K	K	K					
	B					N	N	N	N	N	N					
	A					S	S	S	S	S	S					

4P + 24S + 4P



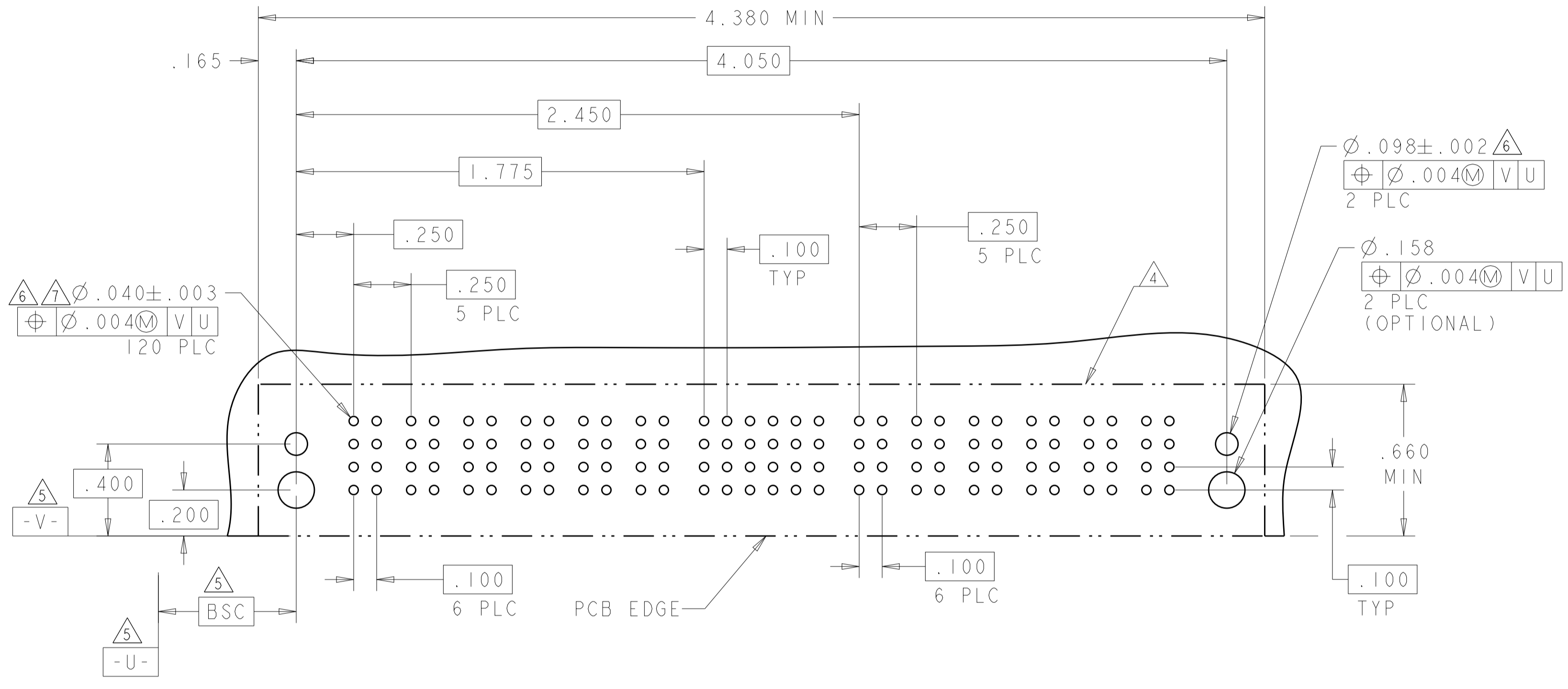
E	MLBF	.135	D
F	MLBF	.135	C
G	MLBF	.135	B
H	MLBF	.135	A
J	STD	.135	D
K	STD	.135	C
N	STD	.135	B
S	STD	.135	A
CODE	MATING SEQUENCE	TAIL LENGTH	ROW

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

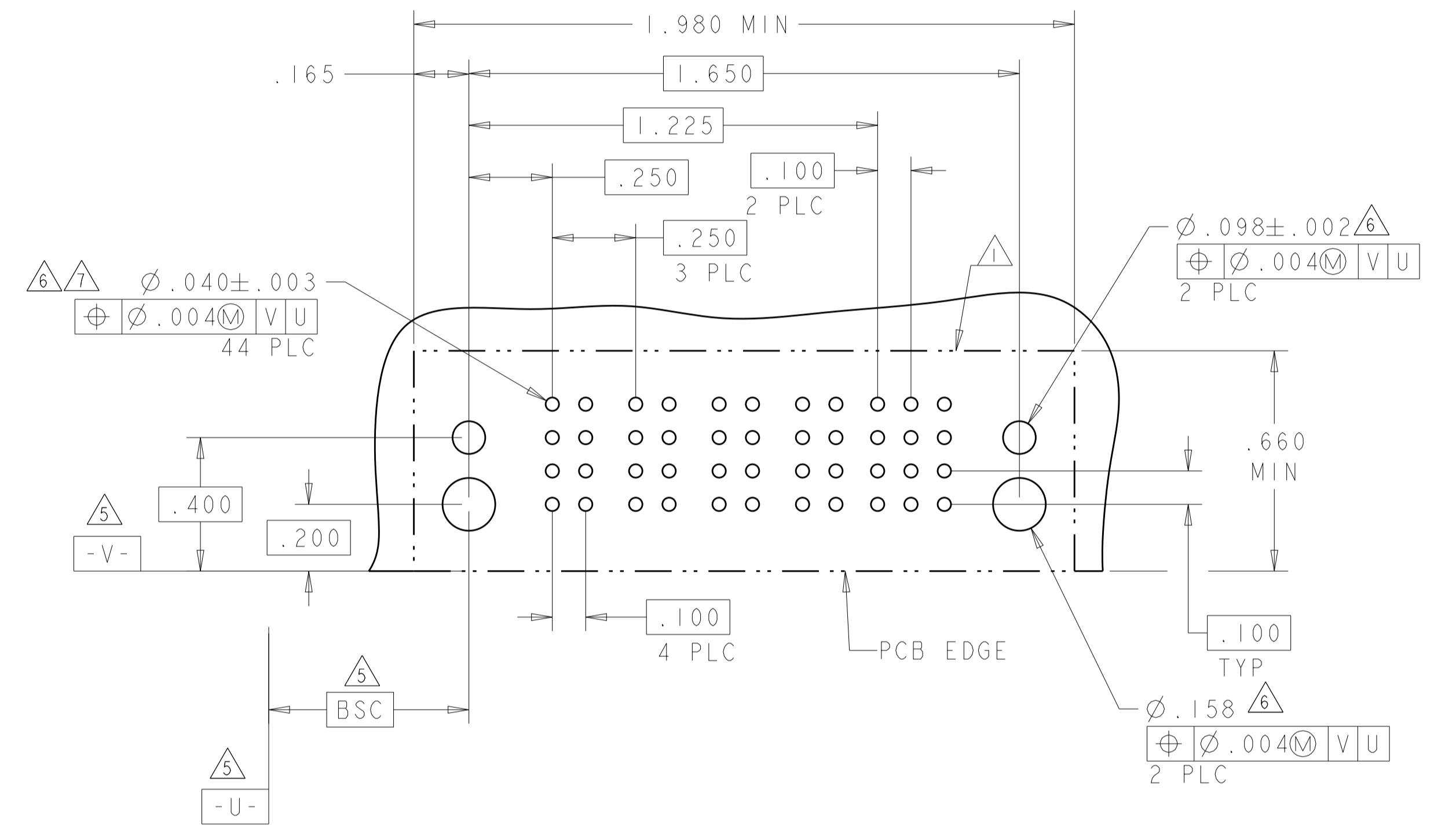
THIS DRAWING IS A CONTROLLED DOCUMENT.		OWN: R. GRZYBOWSKI	TOFEB05
DIMENSIONS: INCHES		CHK: M. PERCHERKE	TOFEB05
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD: M. PERCHERKE	NAME
0 PLC	±.01	PRODUCT SPEC	RIGHT ANGLE HEADER ASSEMBLY
2 PLC	±.01	108-1973	W/END LATCHES
3 PLC	±.005	APPLICATION SPEC	MULTI-BEAM XL
4 PLC	±.0020	114-13038	SIZE: CAGE CODE: DRAWING NO:
ANGLES	±.0020	WEIGHT	RESTRICTED TO
MATERIAL	FINISH	114-13038	A100779C=6450128
CUSTOMER DRAWING		SCALE: 4:1	SHEET 2 OF 5

LOC	DIST	REV	DATE	OWN	APVD
GP	00				
P LTH		DESCRIPTION		DATE	OWN
		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
						K	K	K
						N	N	N
						S	S	S
4P + 12S + 0P		HD				HD		

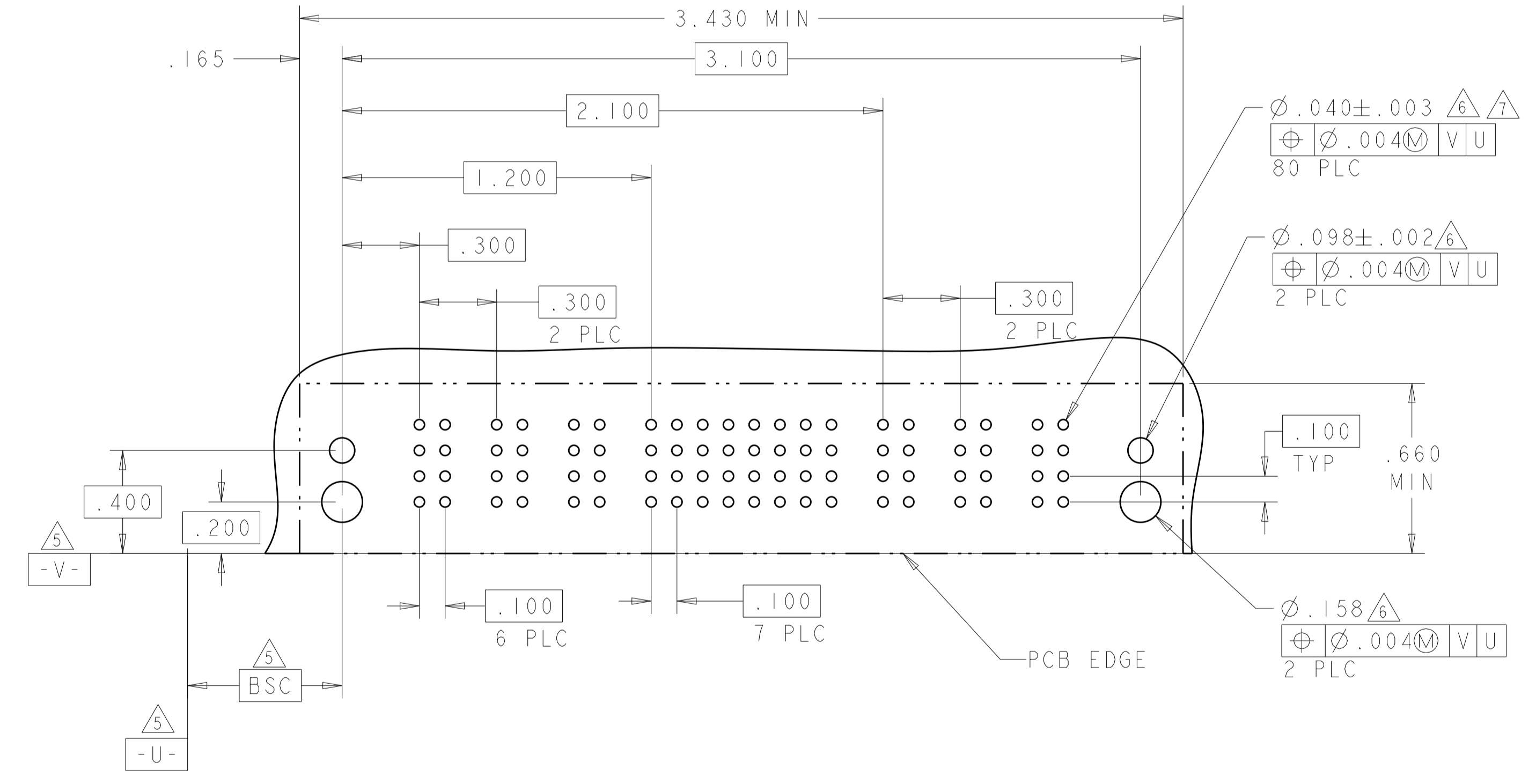
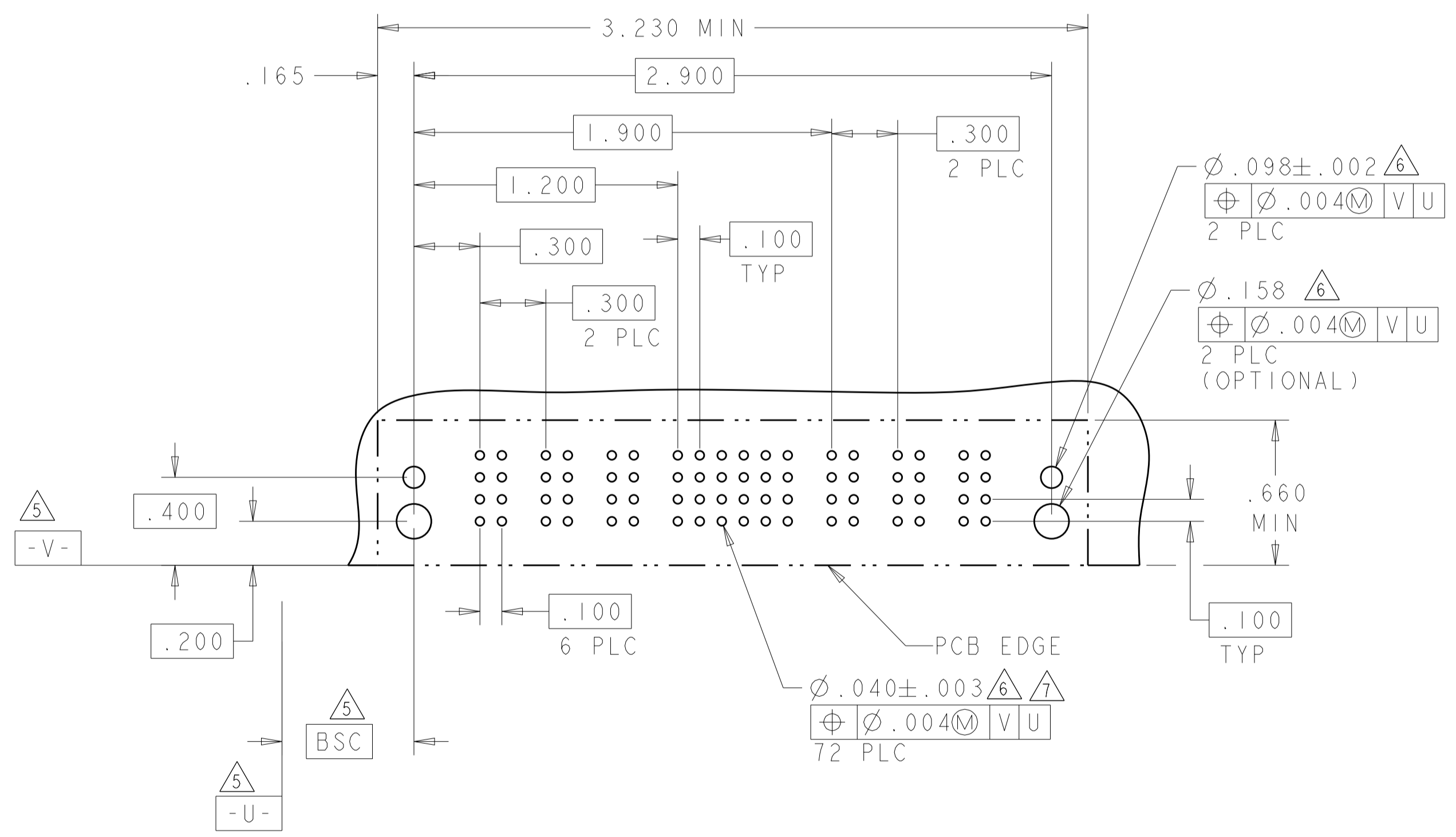


THIS DRAWING IS A CONTROLLED DOCUMENT.		OWN: R. GRZYBOWSKI	TOFEBOS		TE Connectivity
DIMENSIONS: INCHES		CHK: M. PERCHERKE	TOFEBOS		NAME: RIGHT ANGLE HEADER ASSEMBLY W/END LATCHES MULTI-BEAM XL
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD: M. PERCHERKE		PRODUCT SPEC: 108-1973	
0 PLC ±.01				APPLICATION SPEC: 114-13038	
1 PLC ±.01				SIZE: A1	
2 PLC ±.01				CAGE CODE: 00779	
3 PLC ±.005				DRAWING NO: 6450128	
4 PLC ±.002				RESTRICTED TO: -	
ANGLES ±.020				SCALE: 4:1	
FINISH: -				SHEET: 3 OF 5	
MATERIAL: -				REV: D4	
CUSTOMER DRAWING					

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													

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															



THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: INCHES	TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±. 1 PLC ±.01 2 PLC ±.01 3 PLC ±.005 4 PLC ±.0020 ANGLES ±.2°	DMN: R. GRZYBOWSKI CHK: M. PERCHERKE APVD: M. PERCHERKE	TOFEB05 TOFEB05		TE Connectivity
MATERIAL: -	FINISH: -	PRODUCT SPEC: 108-1973 APPLICATION SPEC: 114-13038 WEIGHT: -	NAME: RIGHT ANGLE HEADER ASSEMBLY W/END LATCHES MULTI-BEAM XL SIZE: A1 CAGE CODE: 6450128 DRAWING NO: 100779		RESTRICTED TO: -

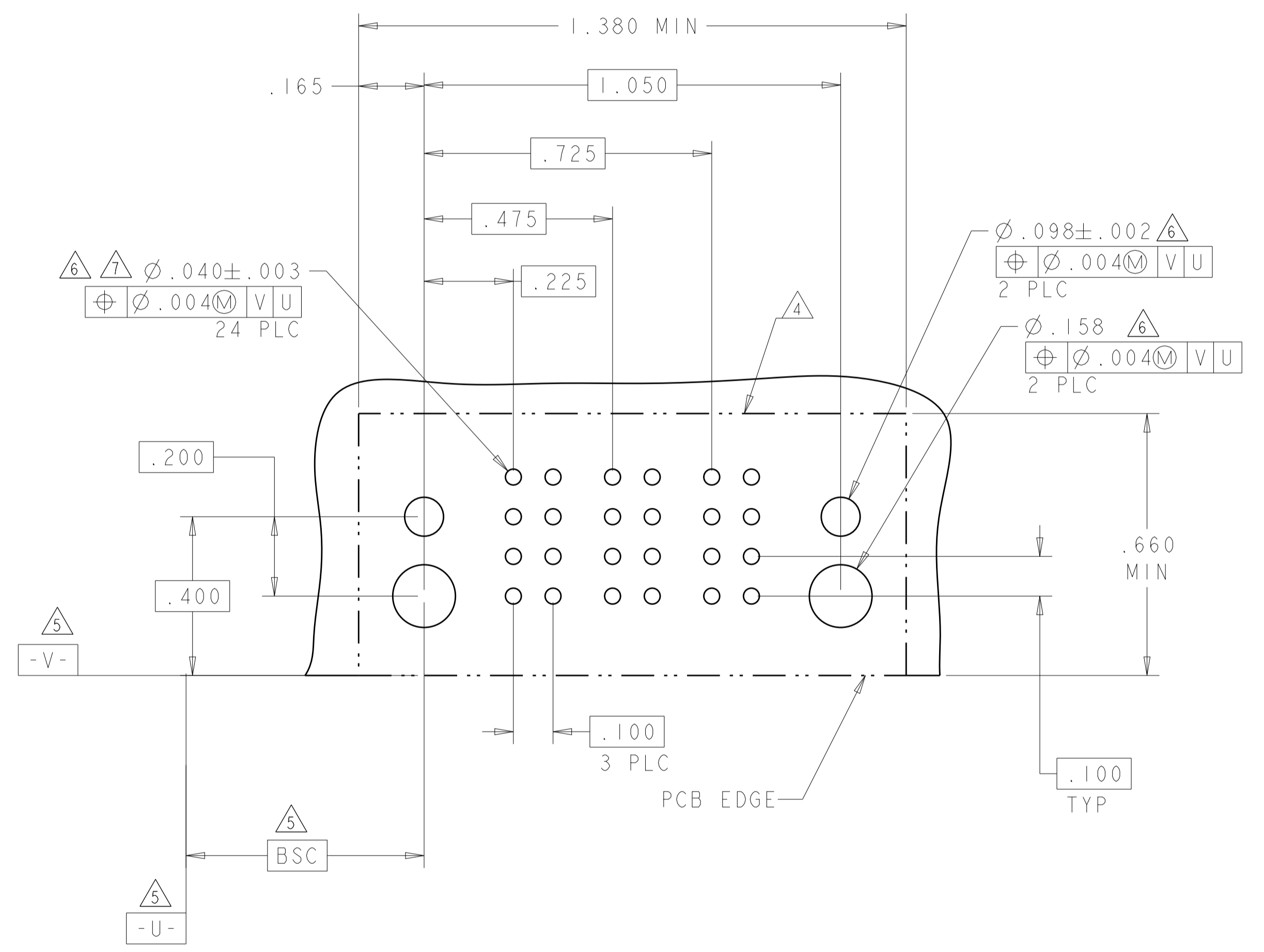
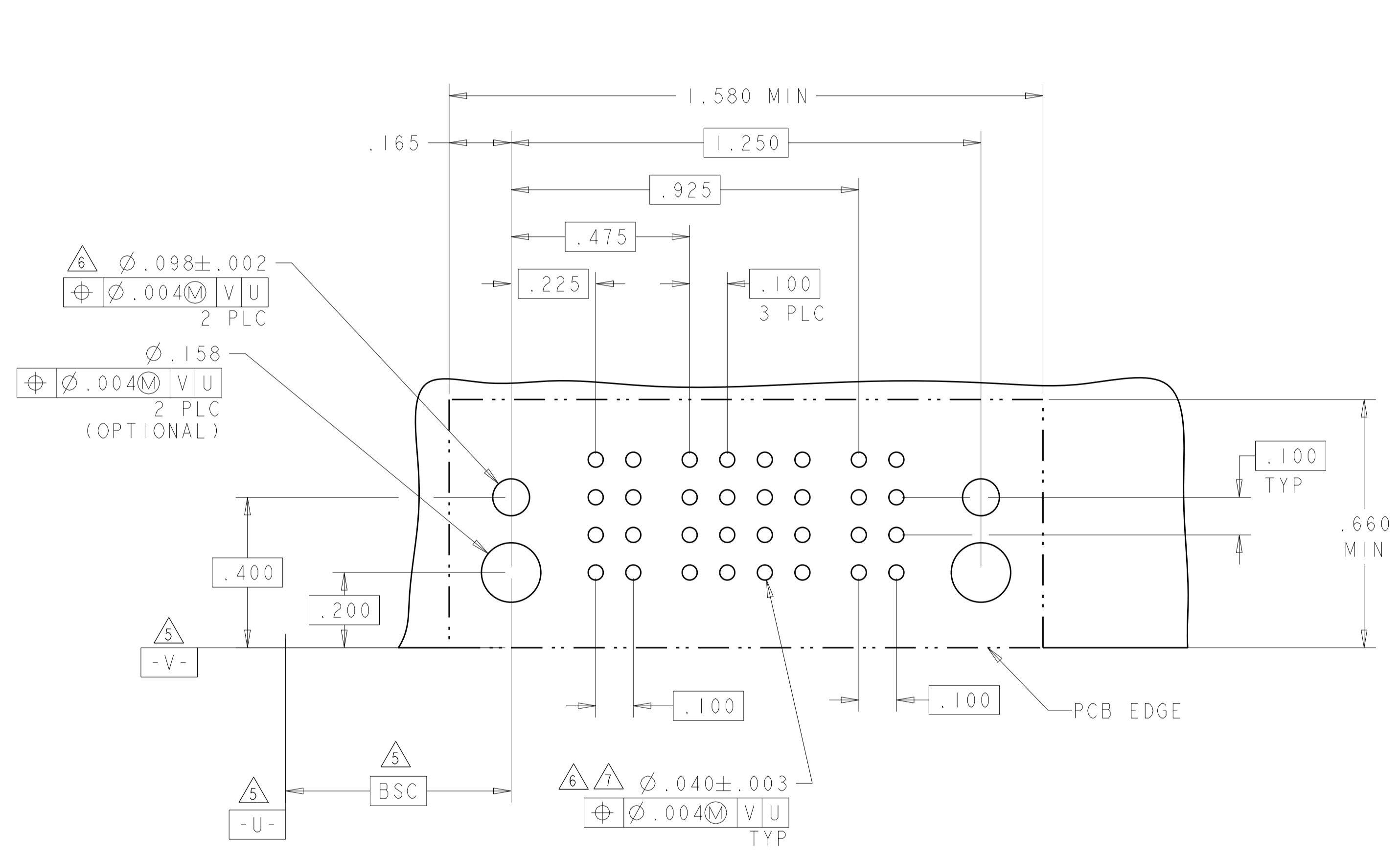
CUSTOMER DRAWING

LOC	DIST	REV	DATE	BY	APPV
GP	00				
REVISIONS			DATE	BY	APPV
-			SEE SHEET 1	-	-

PART NUMBER	ROWS		POWER		SIGNAL				POWER	
			PI		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										

(D3)

PART NUMBER	ROWS		POWER		SIGNAL		POWER	
			PI		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	TOFEB05	TE Connectivity
DIMENSIONS: INCHES		CHK: M. PERCHERKE	TOFEB05	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD: M. PERCHERKE	NAME: RIGHT ANGLE HEADER ASSEMBLY	RESTRICTED TO
0 PLC ±.01		PRODUCT SPEC: 108-1973	W/END LATCHES	
1 PLC ±.01		APPLICATION SPEC: 114-13038	MULTI-BEAM XL	SCALE: 4:1 SHEET 5 OF 5 REV: D4
2 PLC ±.01		WEIGHT: -	SIZE: A100779C=6450128	
3 PLC ±.005		CUSTOMER DRAWING		
4 PLC ±.0020				
ANGLES: ±.2°				
FINISH: -				