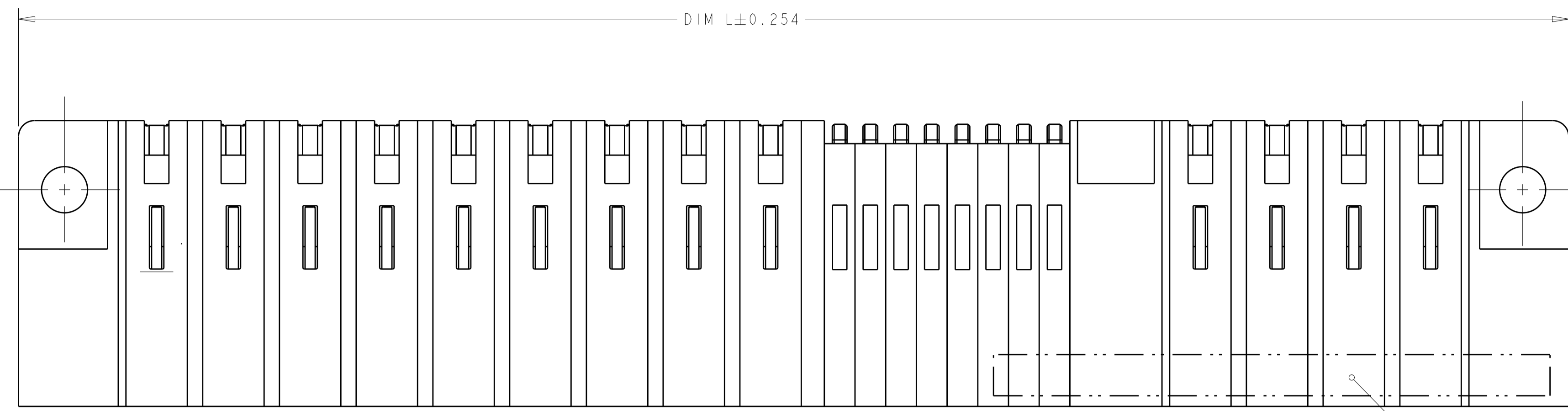
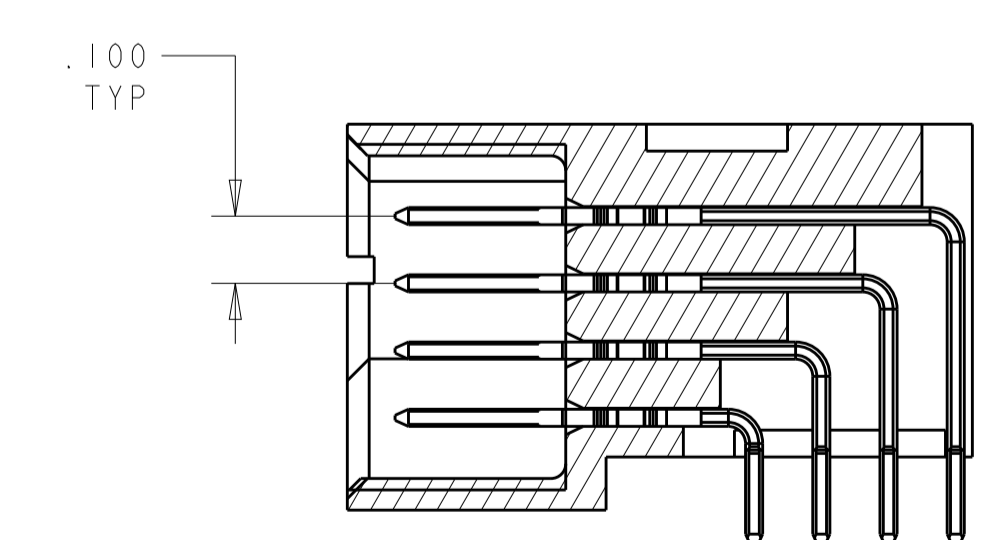
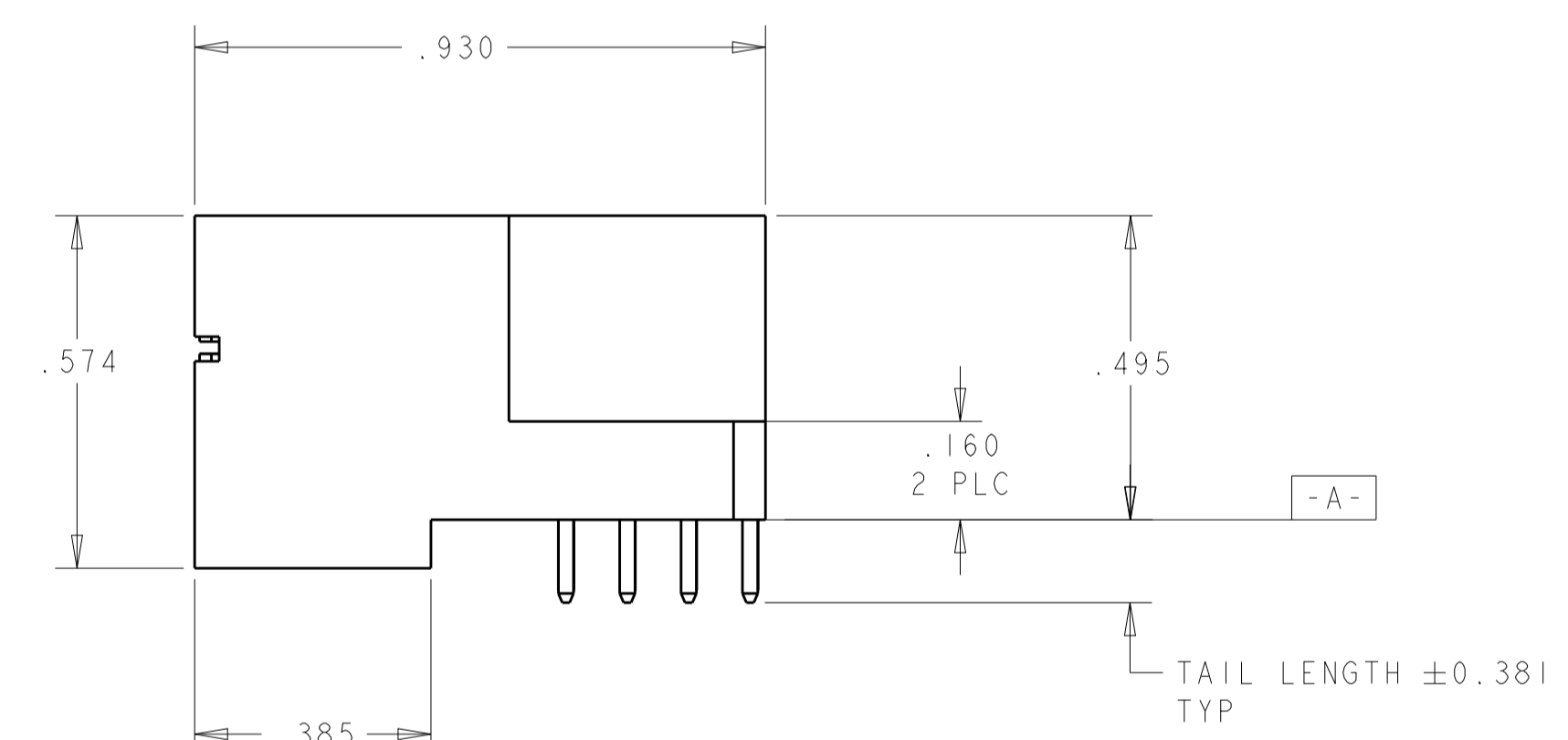
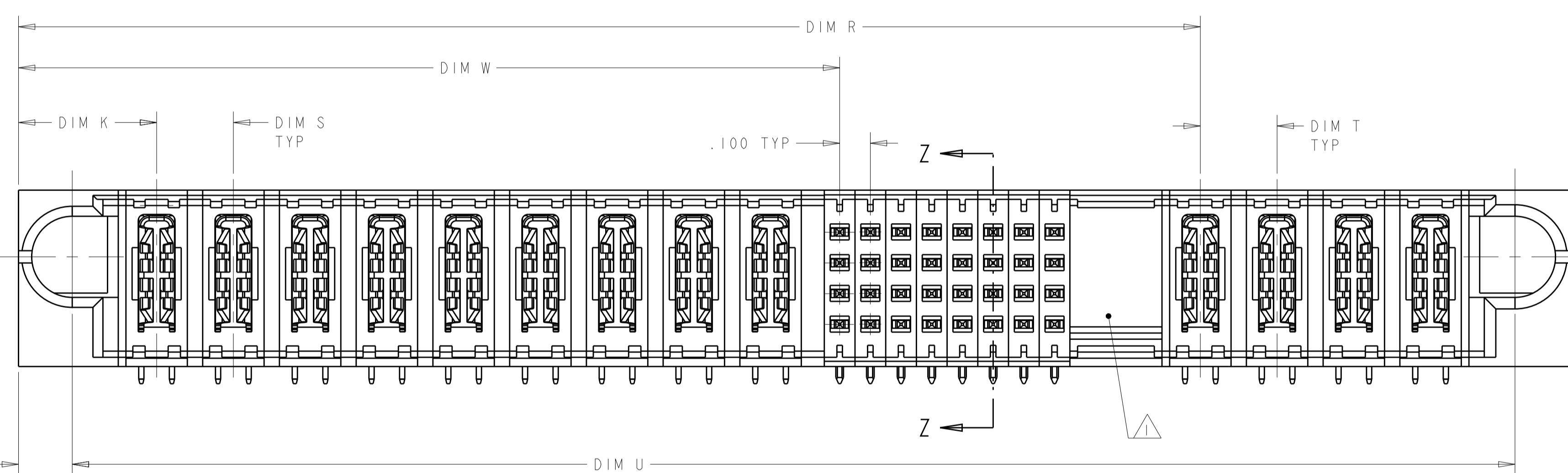


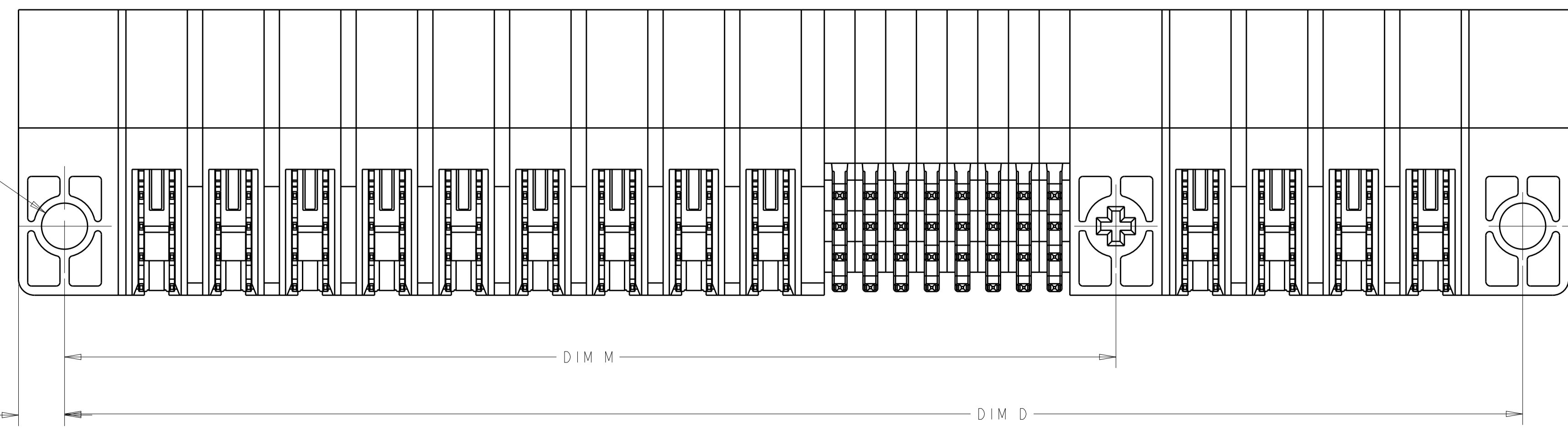
LOC	DIST	REVISIONS					
		P	LTN	DESCRIPTION	DATE	DMN	APVD
ES	00	P9		ADDED NEW DASH NUMBER -69	29JAN2013	ML	SZ



- 1 OPTIONAL CENTER MODULE WITH  $\varnothing .150$  THRU HOLE OR HOLD DOWN FEATURE.
- 2 "AMP", PART NUMBER, AND DATECODE TO BE MARKED IN AREA SHOWN. PARTS UNDER 2.00 LONG MAY BE MARKED ON BOTH SIDES.
- 3 MATERIAL:  
HOUSING - GLASS FILLED HIGH TEMP THERMO PLASTIC, UL94 V-0  
SIGNAL CONTACT - COPPER ALLOY  
POWER CONTACT - HIGH CONDUCTIVITY COPPER ALLOY
- 4 CONTACT PLATING: NOBLE METAL PLATING ON CONTACT FUNCTIONAL AREA OF POWER AND SIGNAL CONTACTS
- 5 MECHANICAL CONNECTOR KEEP OUT ZONE.
- 6 DATUM AND BASIC DIMENSIONS ESTABLISHED BY CUSTOMER.
- 7 PCB - HOLE DIAMETERS ARE FINISHED HOLE SIZE.
- 8 PCB -  $.0453 \pm .0010$  DRILLED HOLES PLATED WITH  $.0003$  MIN  $S_n$  OVER  $.001$  TO  $.003$   $C_u$  PLATING TO ACHIEVE A  $.040$  DIA HOLE.
- 10 VARIABLE DIMENSIONS SHOWN ON VIEW ( SHEET 5,11)



SECTION Z-Z



THIS DRAWING IS A CONTROLLED DOCUMENT.		DMN R. GRZYBOWSKI CHK M. PERCHERKE APVD M. PERCHERKE	28FEB05 28FEB05	 TE Connectivity																								
DIMENSIONS: INCHES		TOLERANCES UNLESS OTHERWISE SPECIFIED:																										
<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> <tr><td>ANGLES</td><td>±.020</td></tr> </table>		0 PLC	±	1 PLC	±.01	2 PLC	±.01	3 PLC	±.005	4 PLC	±.0020	ANGLES	±.020	<table border="1"> <tr><td>NAME</td><td>RIGHT ANGLE HEADER ASSEMBLY</td></tr> <tr><td>PRODUCT SPEC</td><td>SOLDER TAILS, W/GUIDES</td></tr> <tr><td>APPLICATION SPEC</td><td>MULTI-BEAM XL</td></tr> <tr><td>SIZE</td><td>108-1973</td></tr> <tr><td>APPLICATION SPEC</td><td>114-13038</td></tr> <tr><td>WEIGHT</td><td></td></tr> </table>		NAME	RIGHT ANGLE HEADER ASSEMBLY	PRODUCT SPEC	SOLDER TAILS, W/GUIDES	APPLICATION SPEC	MULTI-BEAM XL	SIZE	108-1973	APPLICATION SPEC	114-13038	WEIGHT		RESTRICTED TO
0 PLC	±																											
1 PLC	±.01																											
2 PLC	±.01																											
3 PLC	±.005																											
4 PLC	±.0020																											
ANGLES	±.020																											
NAME	RIGHT ANGLE HEADER ASSEMBLY																											
PRODUCT SPEC	SOLDER TAILS, W/GUIDES																											
APPLICATION SPEC	MULTI-BEAM XL																											
SIZE	108-1973																											
APPLICATION SPEC	114-13038																											
WEIGHT																												
MATERIAL		FINISH		SCALE 4:1																								
CUSTOMER DRAWING		A100779C=6450330		SHEET 1 OF 19 REV P.9																								

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

U	S	T	R	W	D	M	L	K	DESCRIPTION	PART NUMBER
1.575	-	-	1.425	.700	1.625	-	1.925	.475	IP + 24S + 1P	6-6450330-7
1.575	-	-	1.425	.700	1.625	-	1.925	.475	IP + 24S + 1P	6-6450330-6
1.800	-	-	1.700	.625	1.850	-	2.150	.450	IP + 40S + 1P	6-6450330-5
1.550	.250	.250	1.200	.900	1.600	-	1.900	.450	2P + 8S + 2P	6-6450330-4
1.300	-	-	1.200	.675	1.350	-	1.650	.450	IP + 16S + 1P	6-6450330-3
2.300	.250	.250	1.700	1.175	2.350	-	2.650	.450	3P + 16S + 3P	6-6450330-1
7.350	△	△	5.225	3.925	7.400	-	7.700	.475	12P + 48S + 8P	6-6450330-0
2.600	.250	.250	2.250	1.925	2.650	-	2.950	.450	6P + 8S + 2P	5-6450330-9
4.500	.300	.300	2.875	2.175	4.550	-	4.850	.475	6ACP + 24S + 6ACP	5-6450330-8
2.400	.200	.200	2.100	.825	2.450	-	2.750	.450	2P + 48S + 2P	5-6450330-7
1.700	.250	.250	1.350	.875	1.750	-	2.050	.450	2P + 16S + 2P	5-6450330-6
1.200	-	-	1.100	.625	1.250	-	1.550	.450	IP + 16S + 1P	5-6450330-5
3.550	.200	△	2.225	1.925	3.600	-	3.900	.500	7P + 8S + 7P	5-6450330-4
2.900	.250	.250	2.050	1.375	2.950	-	3.250	.450	4P + 24S + 4P	5-6450330-3
2.400	.250	.250	1.800	1.125	2.450	-	2.750	.450	3P + 24S + 3P	5-6450330-2
1.700	.250	.250	1.350	.875	1.750	-	2.050	.450	2P + 16S + 2P	5-6450330-1
2.800	.250	.300	2.075	1.375	2.850	-	3.150	.450	4P + 24S + 3ACP	5-6450330-0
1.700	.250	.250	1.350	.875	1.750	-	2.050	.450	2P + 16S + 2P	4-6450330-9
1.575	.250	.250	1.425	.700	1.625	-	1.925	.475	IP + 24S + 1P	4-6450330-7
1.600	.250	.250	1.250	.925	1.650	-	1.950	.450	2P + 8S + 2P	4-6450330-6
2.400	.250	.250	2.050	1.375	2.450	-	2.750	.450	4P + 24S + 2P	4-6450330-2
2.400	.250	.250	1.800	1.125	2.450	-	2.750	.450	3P + 24S + 3P	3-6450330-9
3.000	.250	.250	2.150	1.425	3.050	-	3.350	.450	4P + 24S + 4P	3-6450330-7
2.400	.250	.250	1.550	.875	2.450	-	2.750	.450	2P + 24S + 4P	3-6450330-5
.700	-	-	-	.375	.750	-	1.050	-	0P + 16S + 0P	3-6450330-1
2.800	.300	.250	1.950	1.275	2.850	-	3.150	.475	3ACP + 24S + 4P	2-6450330-8
2.800	.300	.300	2.075	1.325	2.850	-	3.150	.475	3ACP + 24S + 3ACP	2-6450330-6
3.300	.250	.250	2.450	1.375	3.350	-	3.650	.450	4P + 40S + 4P	2-6450330-3
2.700	.200	.200	2.000	1.225	2.750	-	3.050	.450	4P + 28S + 4P	1-6450330-8
2.000	.250	.250	1.650	.925	2.050	-	2.350	.450	2P + 24S + 2P	1-6450330-4
3.150	.250	.250	2.300	1.625	3.200	-	3.500	.450	5P + 24S + 4P	1-6450330-3
.900	-	-	-	.375	.950	-	1.250	-	0P + 24S + 0P	1-6450330-2
1.575	.250	.250	1.425	.700	1.625	-	1.925	.475	IP + 24S + 1P	1-6450330-1
4.000	△	△	2.750	2.075	4.050	-	4.350	.450	2ACP + 5P + 24S + 6P	1-6450330-0
2.800	.250	.250	1.950	1.375	2.850	-	3.150	.450	4P + 20S + 4P	6450330-9
1.575	.250	.250	1.425	.700	1.625	-	1.925	.475	IP + 24S + 1P	6450330-8
3.300	.300	.250	1.950	1.275	3.350	-	3.650	.475	3ACP + 24S + 6P	6450330-7
1.900	NA	NA	.975	.625	1.950	-	2.250	.450	IP + 12S + 5P	6450330-6
4.000	NA	NA	2.750	2.075	4.050	-	4.350	.450	3ACP + 4P + 24S + 6P	6450330-5
2.550	.300	.250	2.150	1.525	2.600	-	2.900	.475	3ACP + IP + 24S + 2P	6450330-4
4.350	.250	.250	3.500	2.625	4.400	-	4.700	.450	9P + 32S + 4P	6450330-3
1.575	.250	.250	1.425	.700	1.625	-	1.925	.475	IP + 24S + 1P	6450330-1

1.200	-	-	1.100	.625	1.250	-	1.550	.450	IP + 16S + 1P	6-6450330-9
4.125	.300	.250	2.775	1.900	4.175	-	4.475	.475	5ACP + 32S + 6P	6-6450330-8
U	S	T	R	W	D	M	L	K	DESCRIPTION	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT. OWN: R. GRZYBOWSKI, 28FEB05  
 CHK: M. PERCHERKE, 28FEB05  
 APVD: M. PERCHERKE

TE Connectivity  
**STE**  
 RIGHT ANGLE HEADER ASSEMBLY  
 SOLDER TAILS, W/GUIDES  
 MULTI-BEAM XL

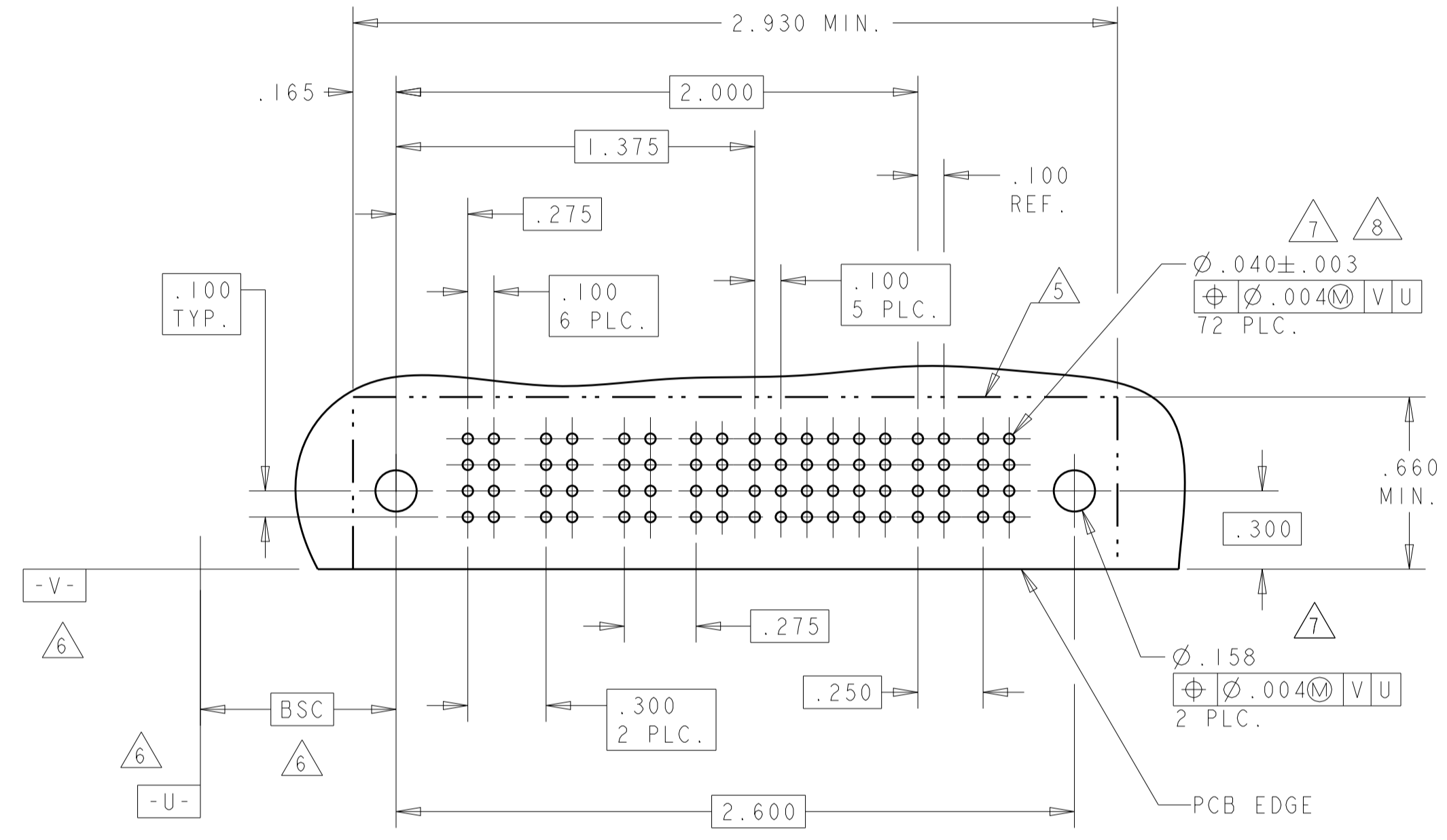
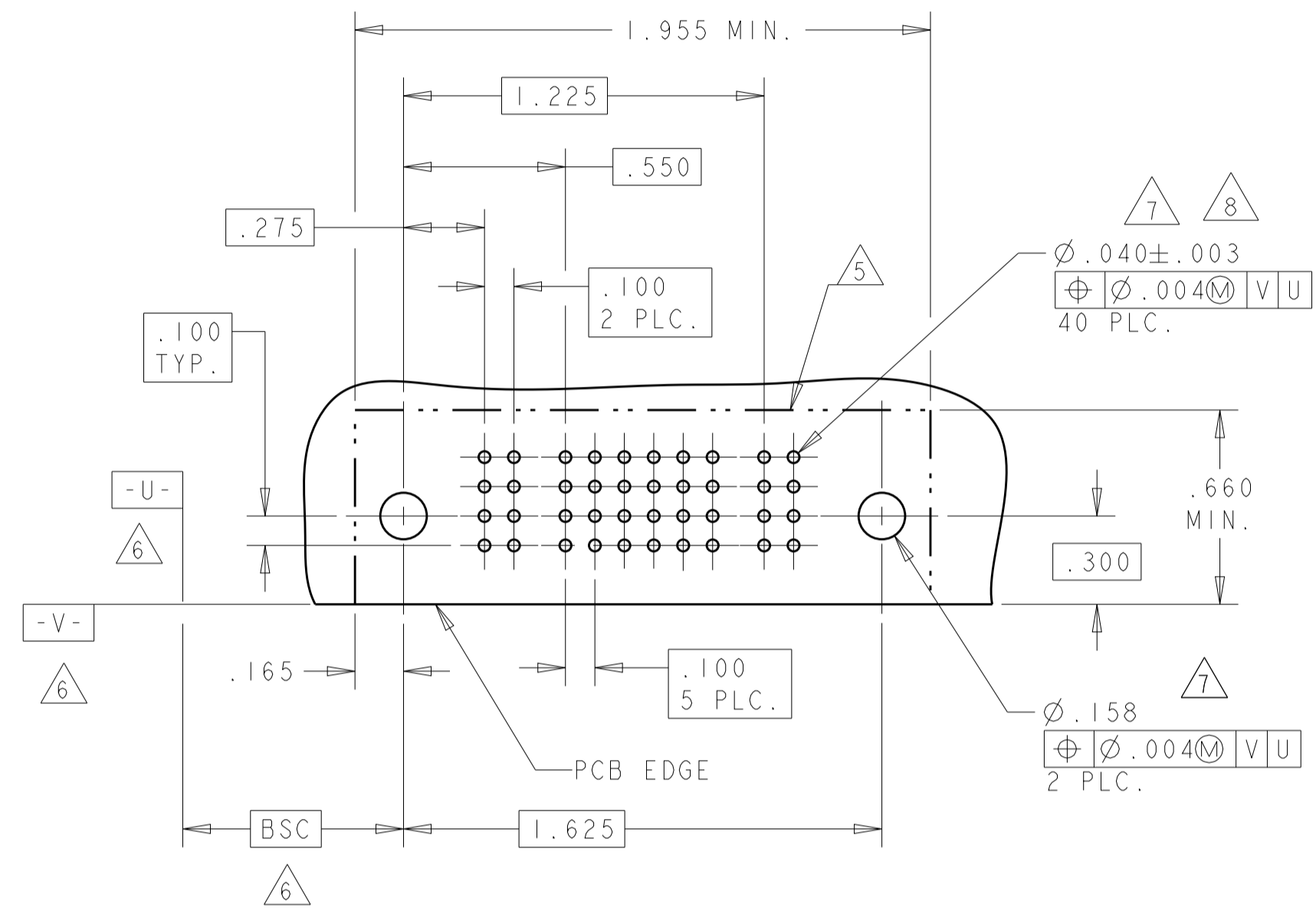
PRODUCT SPEC: 108-1973  
 APPLICATION SPEC: 114-13038  
 SIZE: A100779, CAGE CODE: 6450330, DRAWING NO: 108-1973  
 WEIGHT: -  
 FINISH: -  
 CUSTOMER DRAWING

SCALE: 1:1, SHEET: 2 OF 19, REV: P9

PART NUMBER	ROWS	SIGNAL						POWER	
		P1	1	2	3	4	5	6	P2
6450330-1	D C B A	J	J	J	J	J	J	PM	PM
		K	K	K	K	K	K		
		N	N	N	G	N	N		
		S	S	S	S	S	S		
IP + 24S + IP									

PART NUMBER	ROWS	SIGNAL						POWER	
		P1	1	2	3	4	5	6	P2
4-6450330-7	D C B A	E	E	E	E	E	J	PM	PM
		F	F	F	F	F	K		
		N	N	N	N	N	N		
		S	S	S	S	S	S		
IP + 24S + IP									

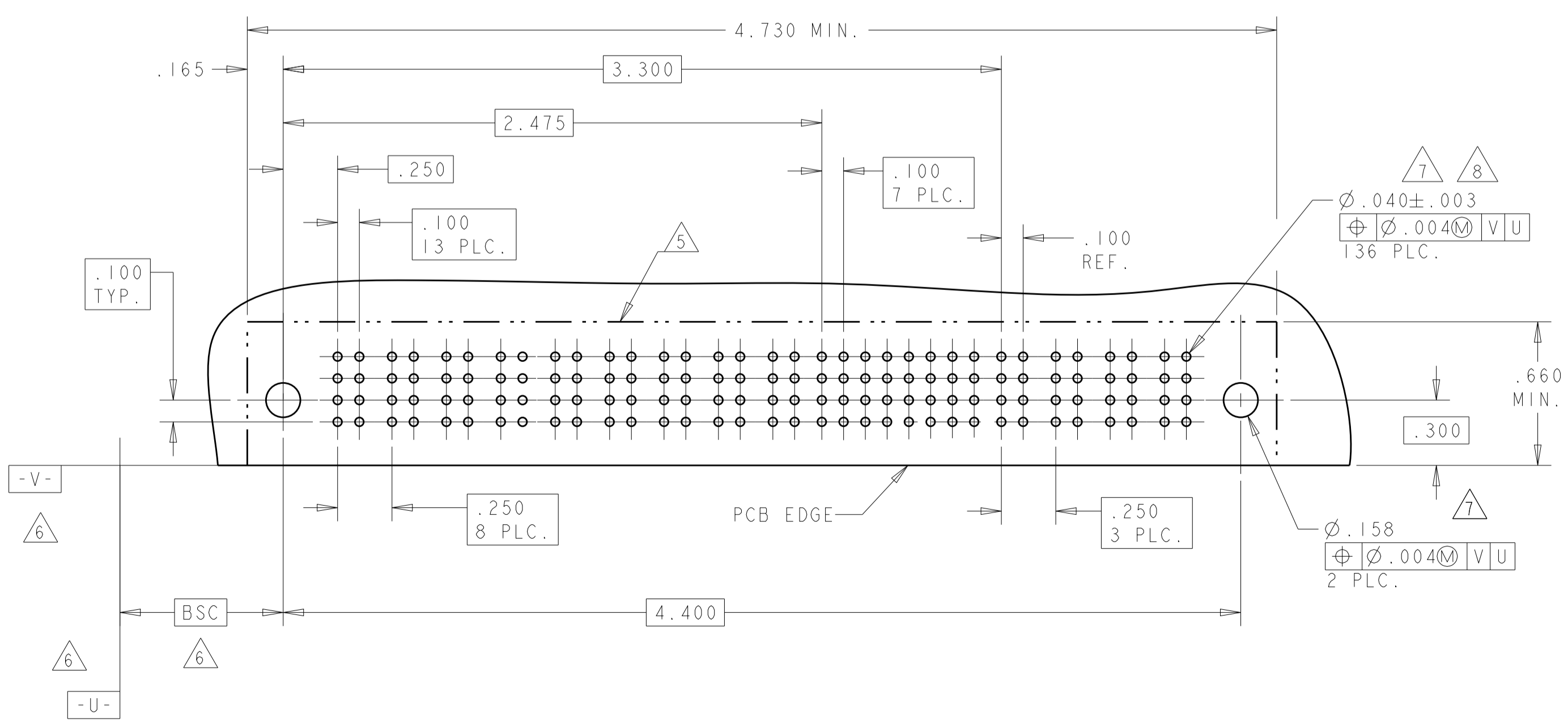
PART NUMBER	ROWS	POWER				SIGNAL						POWER	
		P1	P2	P3	P4	1	2	3	4	5	6	P5	P6
6450330-4	D C B A	PM	PM	PM	PM	E	J	J	J	J	E	PM	PM
						K	K	F	K	K	K		
						N	N	N	N	N	N		
						H	S	S	S	S	H		
3ACP + IP + 24S + 2P													



6450330-1 AND 4-6450330-7 SHARE THE SAME LAYOUT

NO CONTACT LOADED

PART NUMBER	ROWS	POWER									SIGNAL								POWER			
		P1	P2	P3	P4	P5	P6	P7	P8	P9	1	2	3	4	5	6	7	8	P10	P11	P12	P13
6450330-3	D C B A	PM	PM	PM	PM	PM	PM	PM	PM	PM	J	J	J	J	J	E	E	E	PM	PM	PM	PM
											K	K	K	K	K	K	K	K				
											N	N	N	N	N	N	N	N				
											S	S	S	S	S	S	S	S				
9P + 32S + 4P																						



CODE	MATING SEQUENCE	TAIL LENGTH	ROW
FS	MFBL	.135	A
Z	STD	.090	D
Y	STD	.090	C
R	STD	.090	B
O	STD	.090	A
A4	MLBF	.090	D
A3	MLBF	.090	C
A2	MLBF	.090	B
A1	MLBF	.090	A
FS	MFBL	.135	A
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

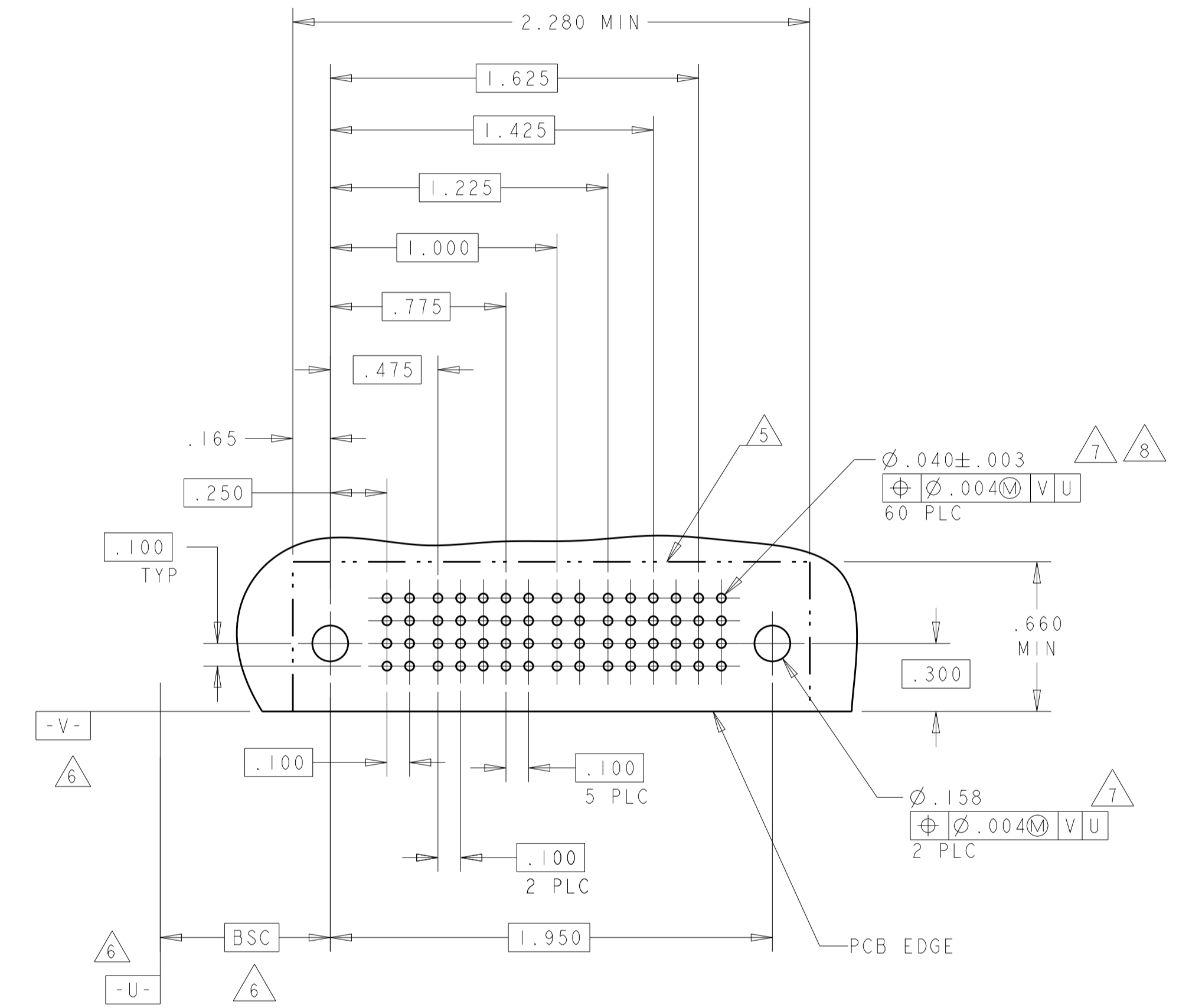
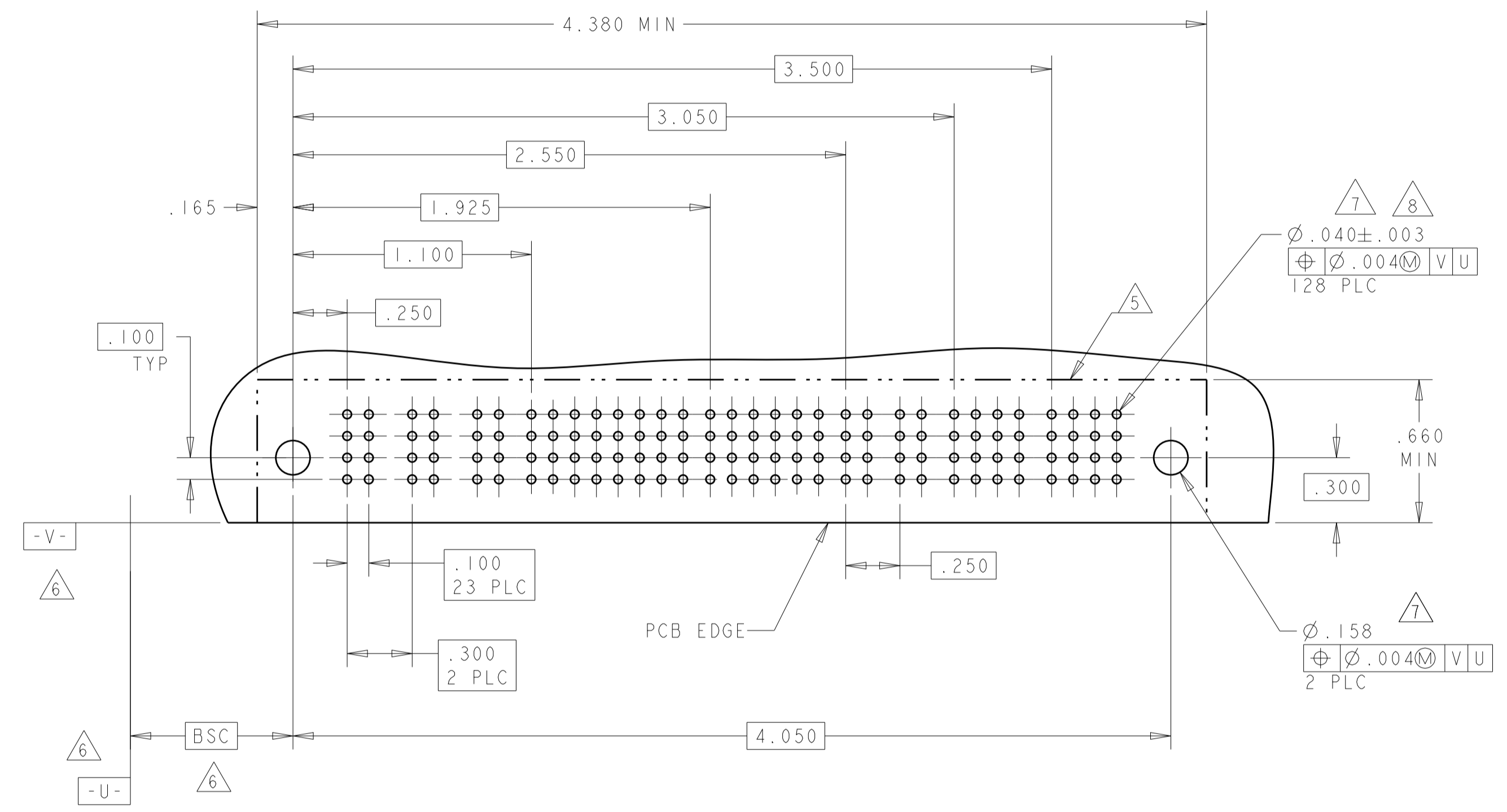
CODE	TAIL LENGTH
PA	.090
PM	.135

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 ±.020. MATERIAL: FINISH: THIS DRAWING IS A CONTROLLED DOCUMENT. DWG: R.GRZYBOWSKI 28FEB05, CHK: M.PERCHEKKE 28FEB05, APVD: M.PERCHEKKE. NAME: RIGHT ANGLE HEADER ASSEMBLY SOLDER TAILS, W/GUIDES MULTI-BEAM XL. PRODUCT SPEC: 108-1973, APPLICATION SPEC: 114-13038, WEIGHT: A100779, SCALE: 1:1, SHEET 3 OF 19, REV P9.

LOC	DIST	REVISIONS			
ES	00	REV	DATE	BY	APPV
		1	SEE SHEET 1		

PART NUMBER	ROWS	POWER						SIGNAL						POWER							
		P1	P2	P3	P4	P5	P6	P7	1	2	3	4	5	6	P8	P9	P10	P11	P12	P13	
6450330-5	D	PM	PM	PM	PM	PM	PM	J	J	J	J	J	J	PM	PM	PM	PM	PM	PM		
	K							K	K	K	K	K									
	N							N	N	N	N	N									
	S							S	S	S	S	H									
3ACP + 4P + 24S + 6P																					

PART NUMBER	ROWS	POWER			SIGNAL			POWER					
		P1	1	2	3	P2	P3	P4	P5	P6			
6450330-6	D	PM	PM	PM	PM	J	J	J	PM	PM	PM	PM	PM
	K					K	K						
	N					N	N						
	S					S	S						
1P + 12S + 5P													

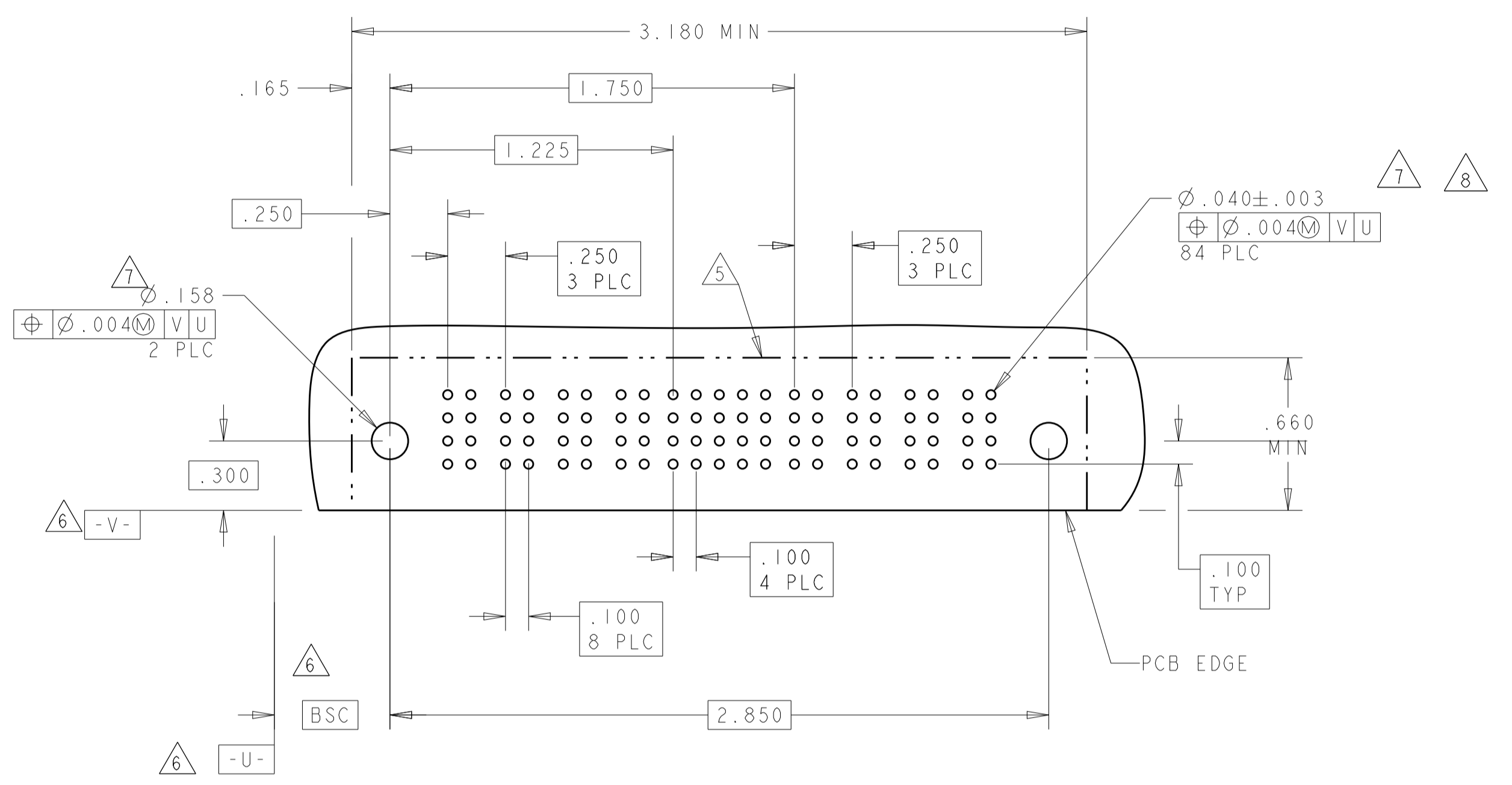
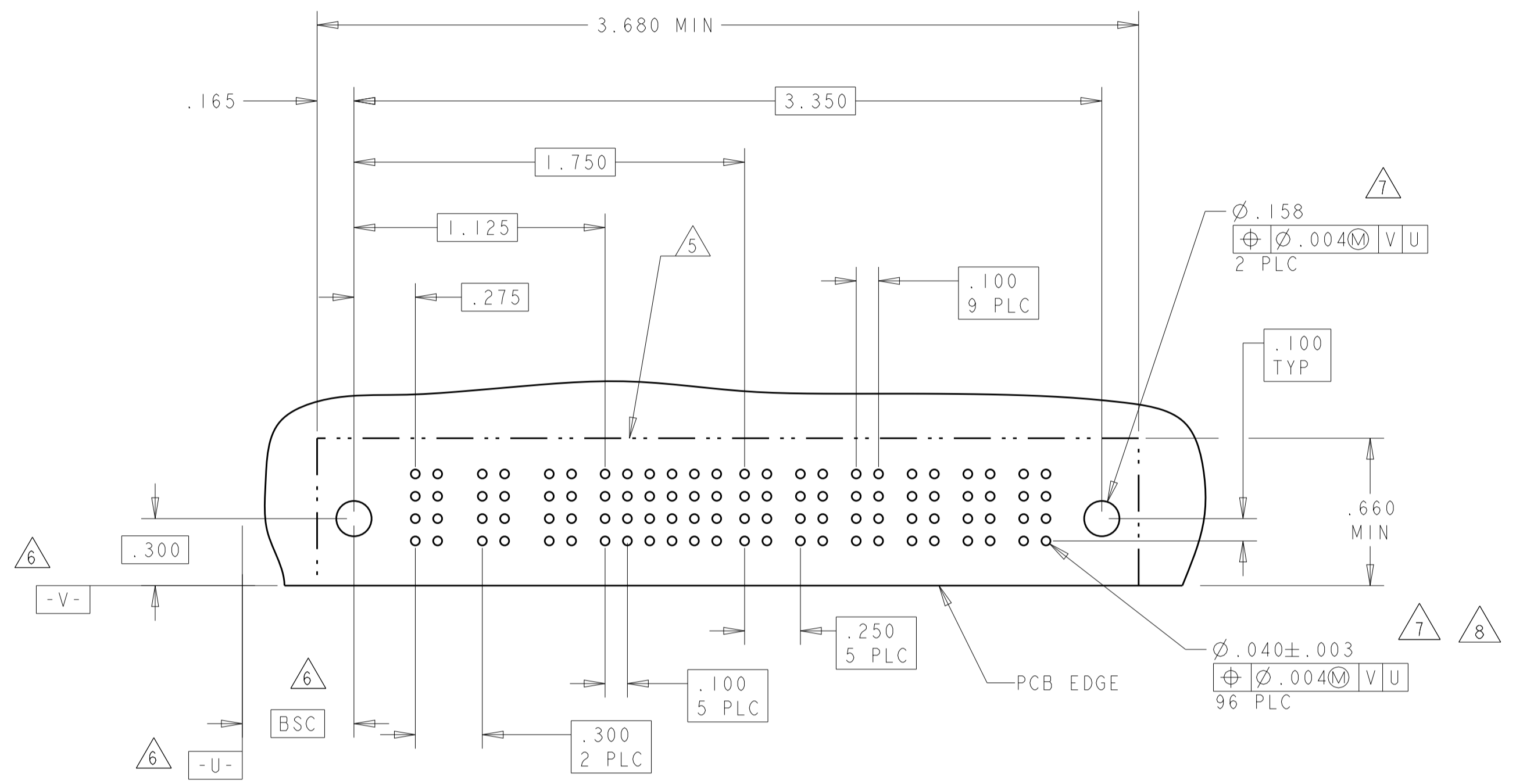


THIS DRAWING IS A CONTROLLED DOCUMENT.		OWN: R. GRZYBOWSKI 28FEB05	 TE Connectivity
DIMENSIONS: INCHES		CHK: M. PERCHERKE 28FEB05	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD: M. PERCHERKE	NAME: RIGHT ANGLE HEADER ASSEMBLY SOLDER TAILS, W/GUIDES MULTI-BEAM XL
0 PLC ± 1 PLC ±.01 2 PLC ±.01 3 PLC ±.005 4 PLC ±.002 ANGLES ±.020		PRODUCT SPEC: 108-1973	SIZE: 114-13038
MATERIAL: FINISH:		APPLICATION SPEC: 114-13038	RESTRICTED TO:
		WEIGHT: -	A100779C=6450330
		CUSTOMER DRAWING	SCALE: 1:1 SHEET 4 OF 19 REV: P.9

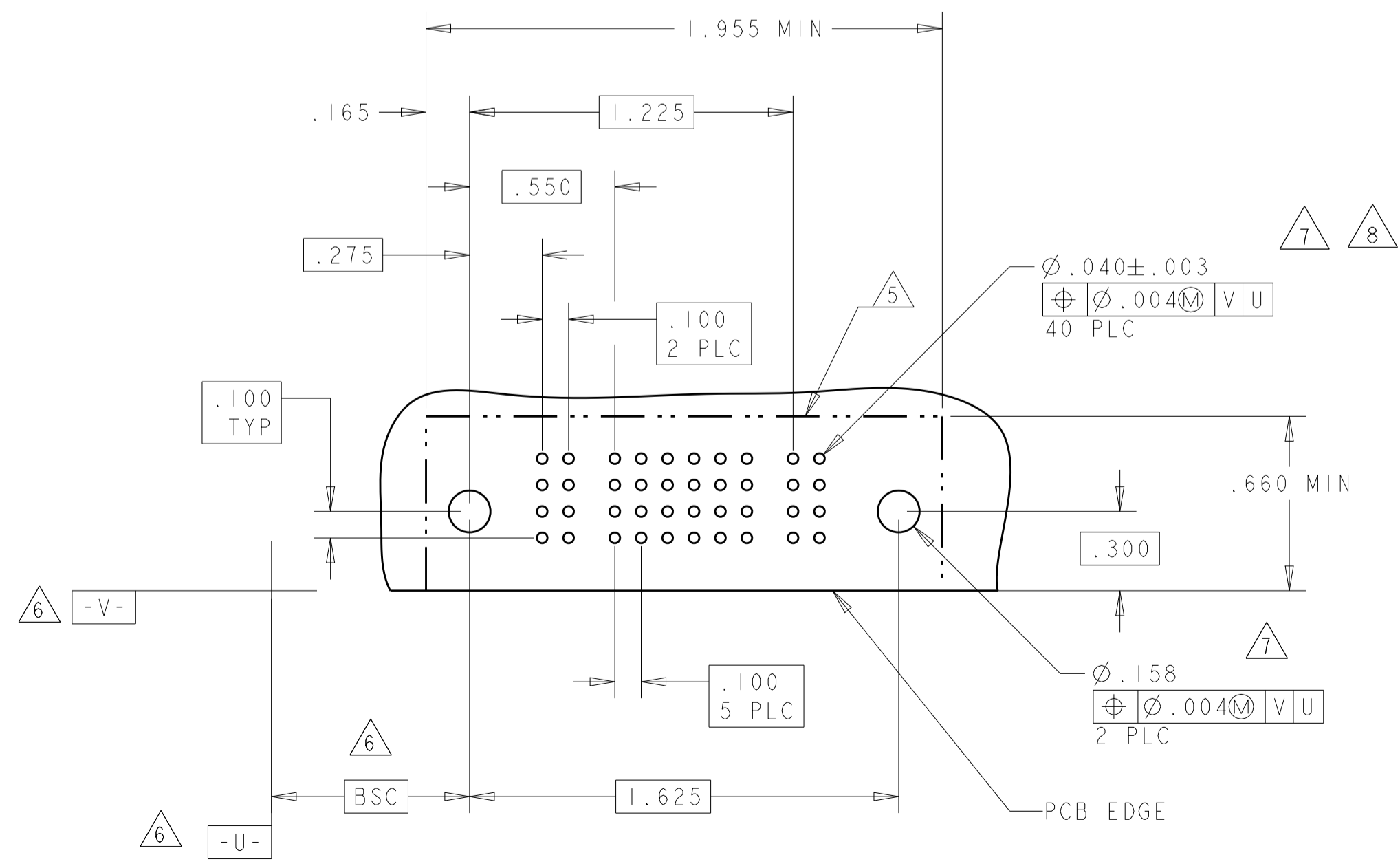
LOC	DIST	REVISIONS					
ES	00	P	LTN	DESCRIPTION	DATE	DMN	APVD
		-		SEE SHEET 1			

PART NUMBER	ROWS	POWER			SIGNAL						POWER							
		P1	P2	P3	1	2	3	4	5	6	P4	P5	P6	P7	P8	P9		
6450330-7	D C B A	PM	PM	PM	J	J	J	J	J	J	PM	PM	PM	PM	PM	PM	PM	PM
					K	K	K	K	K	K								
					N	N	N	N	N	N								
						H		S		S		S						
3ACP + 24S + 6P																		

PART NUMBER	ROWS	POWER				SIGNAL					POWER				
		P1	P2	P3	P4	1	2	3	4	5	P5	P6	P7	P8	
6450330-9	D C B A	PM	PM	PM	PM	J	J	J	J	J	PM	PM	PM	PM	PM
						K	K	K	K	K					
						N	N	G	N	N					
				S		S		S		S					
4P + 20S + 4P															



PART NUMBER	ROWS	POWER		SIGNAL						POWER			
		P1	P2	1	2	3	4	5	6	P1	P2		
6450330-8	D C B A	PM	PM	J	J	J	J	J	J	PM	PM	PM	PM
				K	K	K	K	K	K				
				N	N	G	G	N	G				
				S		H		S		S			
1P + 24S + 1P													

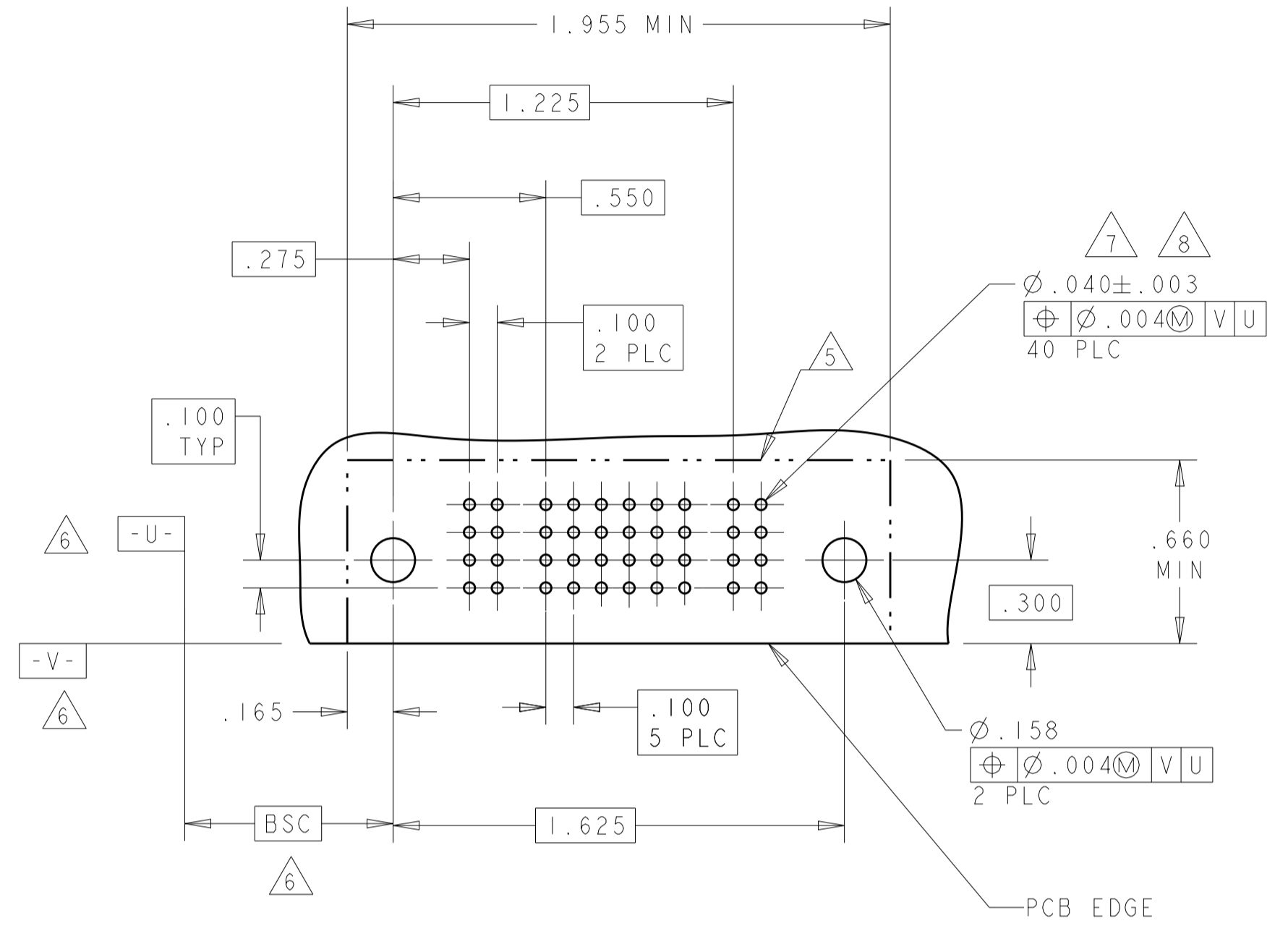
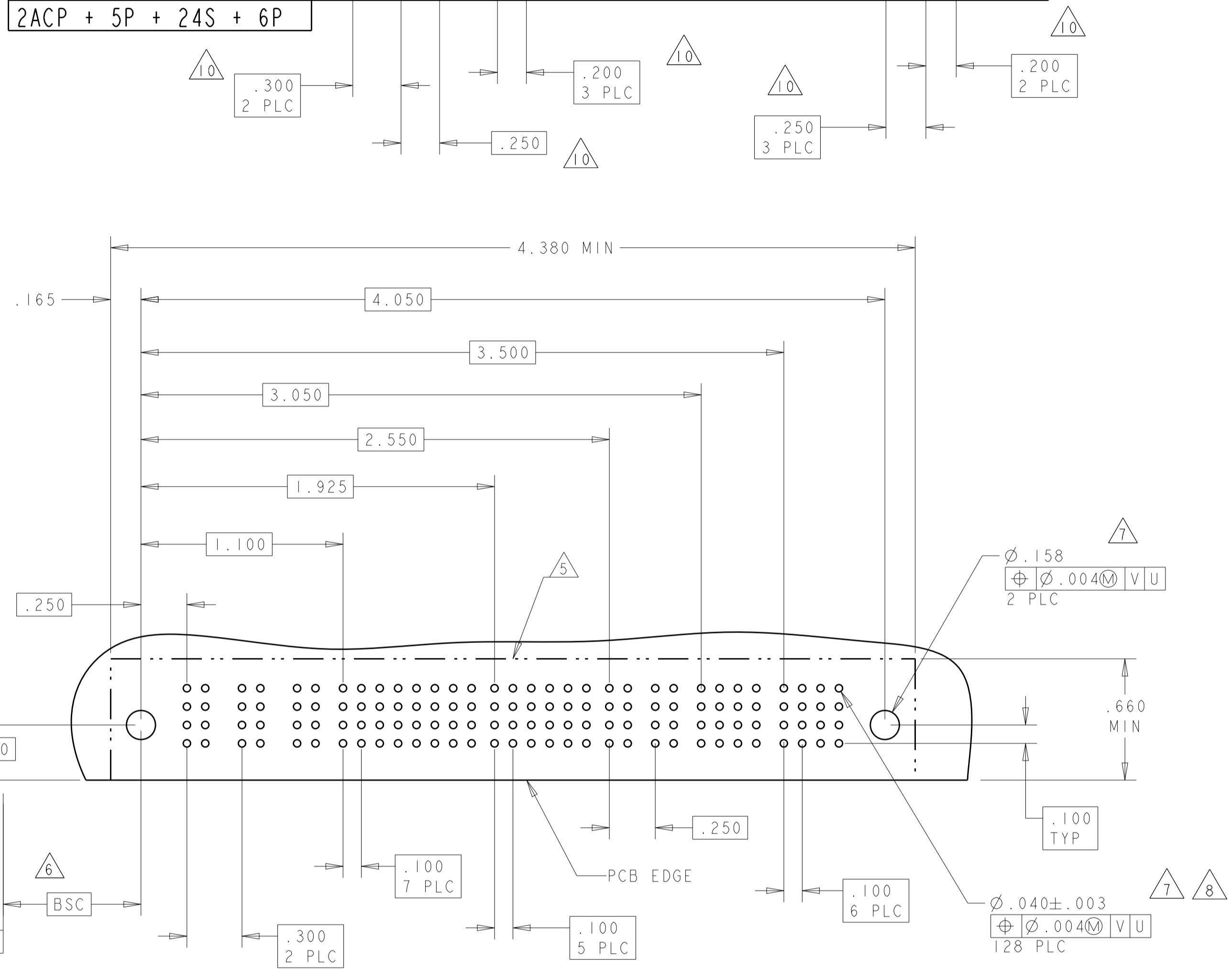


THIS DRAWING IS A CONTROLLED DOCUMENT.		DMN: R. GRZYBOWSKI 28FEB05	 TE Connectivity
DIMENSIONS: INCHES		CHK: M. PERCHERKE 28FEB05	
 TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±. 1 PLC ±.01 2 PLC ±.01 3 PLC ±.005 4 PLC ±.002 ANGLES ±.020		APVD: M. PERCHERKE	NAME: RIGHT ANGLE HEADER ASSEMBLY SOLDER TAILS, W/GUIDES MULTI-BEAM XL
MATERIAL: FINISH:		PRODUCT SPEC: 108-1973	SIZE: 114-13038
		APPLICATION SPEC: 114-13038	RESTRICTED TO: A100779
		WEIGHT: -	SCALE: 1:1
		CUSTOMER DRAWING	SHEET 5 OF 19

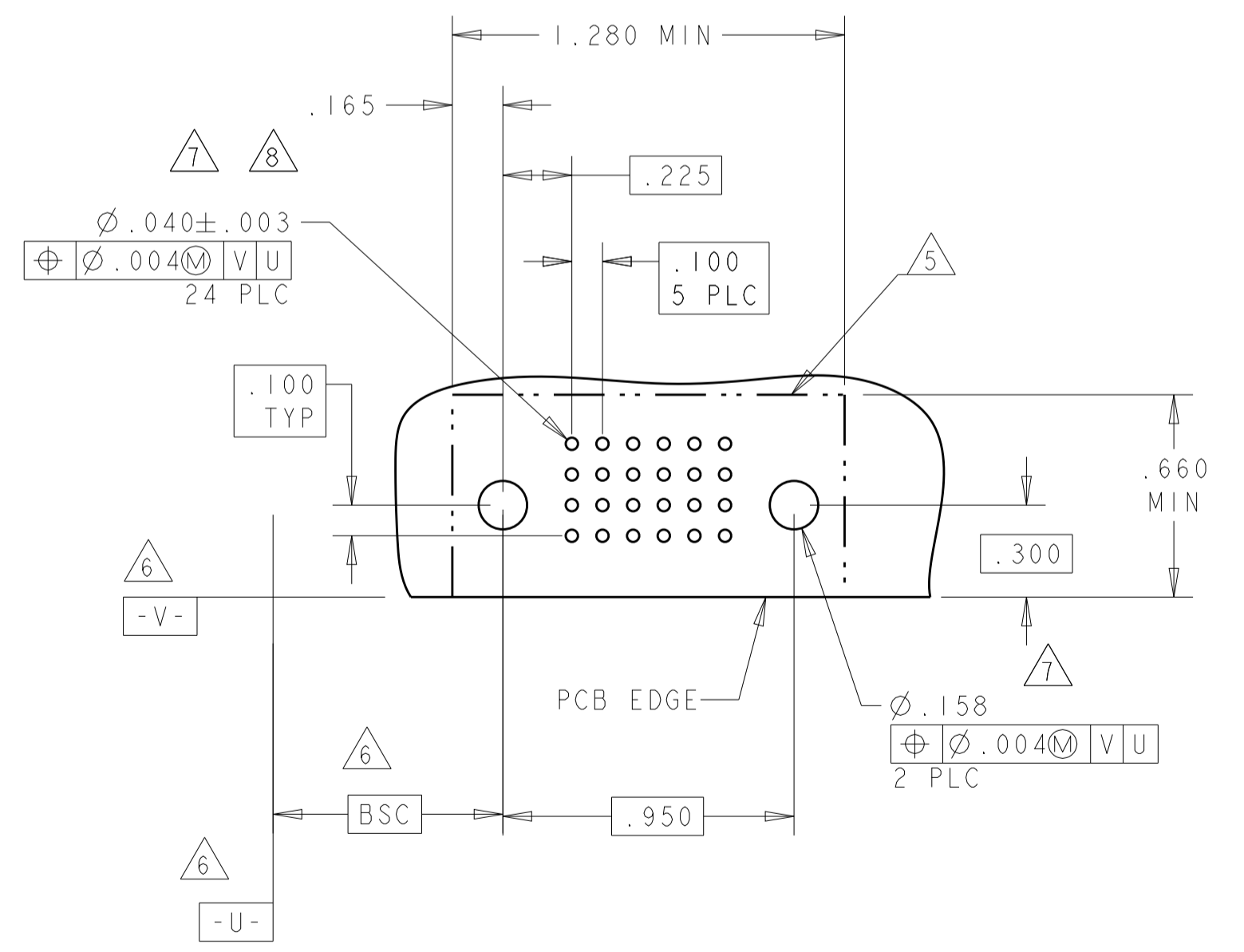
LOC	DIST	REV	DATE	APPD
ES	00			

PART NUMBER	ROWS	POWER						SIGNAL						POWER					
		P1	P2	P3	P4	P5	P6	P7	1	2	3	4	5	6	P8	P9	P10	P11	P12
I-6450330-0	D C B A	PM	PM	PM	PM	PM	PM	J	J	J	J	J	J	PM	PM	PM	PM	PM	PM
		K	K	K	K	K	K	N	N	N	N	N	N						
		S	S	S	S	S	S	S	S	S	S	S	H						

PART NUMBER	ROWS	POWER						SIGNAL						POWER		
		P1	1	2	3	4	5	6	P2	1	2	3	4	5	6	P2
I-6450330-1	D C B A	PM							J	J	J	J	J	J	PM	PM
		F	K	K	K	K	K	F	N	N	N	N	N	N		
		N	N	N	N	N	N	N	S	S	S	S	S	S		



PART NUMBER	ROWS	SIGNAL					
		1	2	3	4	5	6
I-6450330-2	D C B A	Z	Z	Z	Z	Z	Z
		Y	Y	Y	Y	Y	Y
		O	O	O	O	O	O



THIS DRAWING IS A CONTROLLED DOCUMENT.

OWN: R. GRZYBOWSKI 28FEB05  
 CHK: M. PERCHERKE 28FEB05  
 APVD: M. PERCHERKE

TE Connectivity

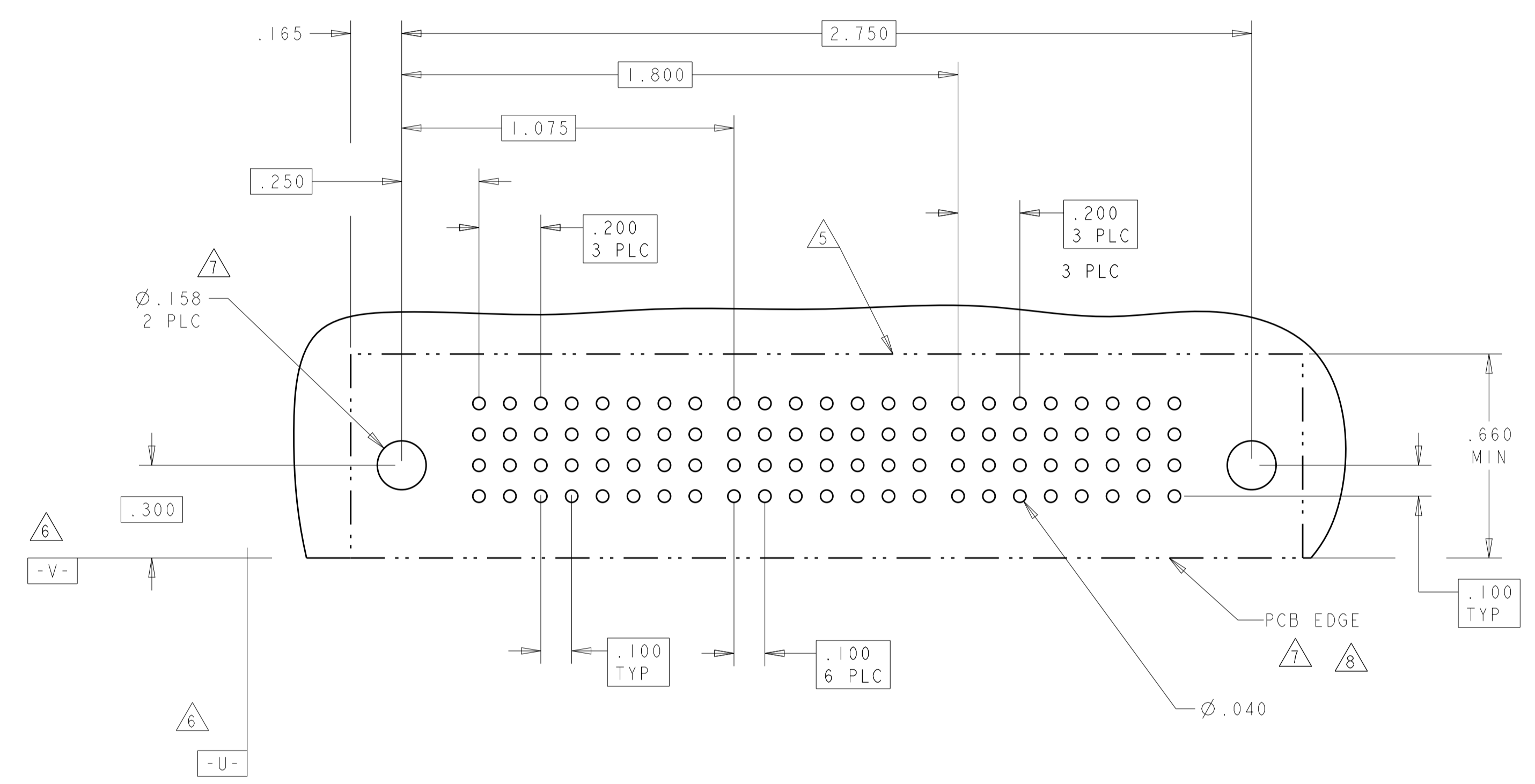
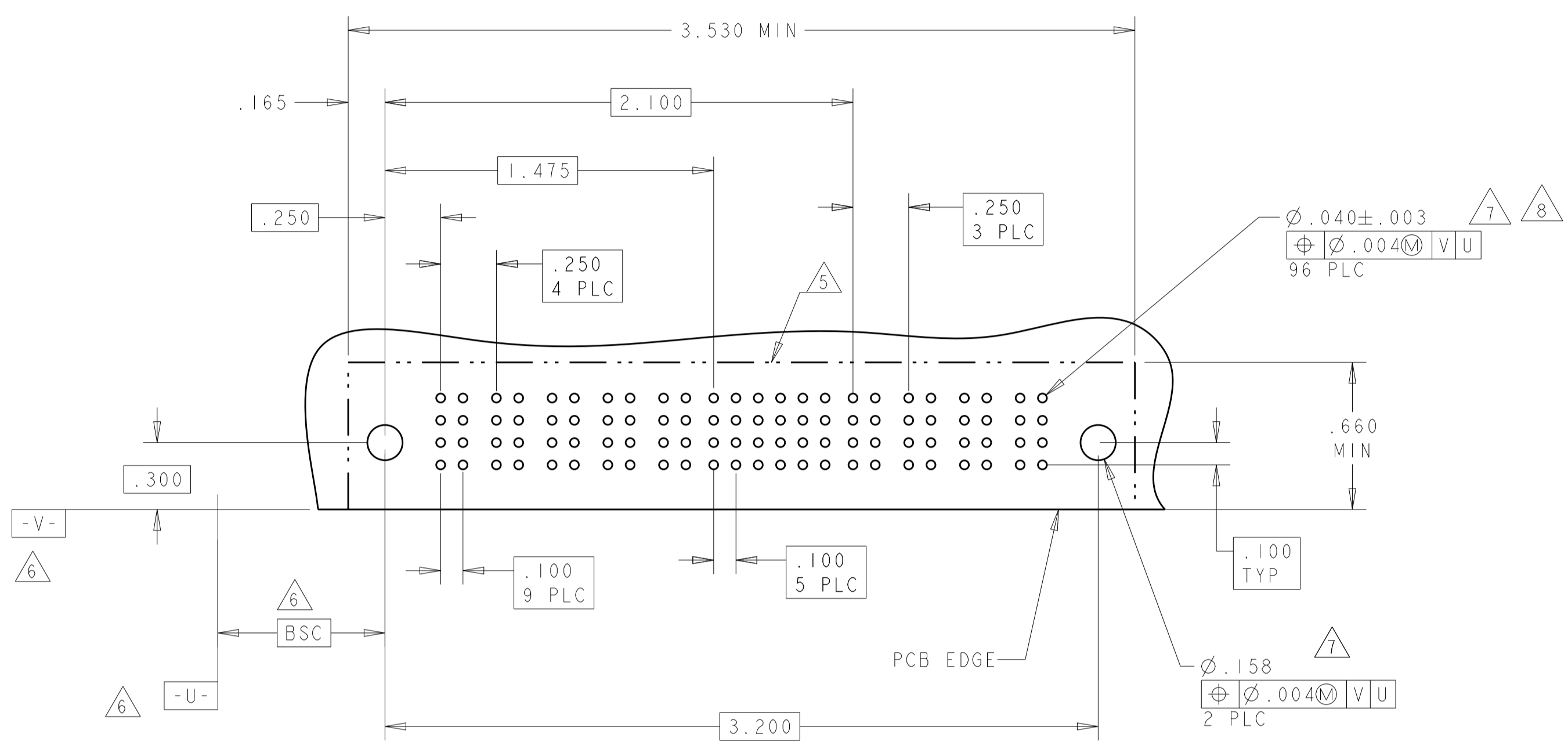
RIGHT ANGLE HEADER ASSEMBLY  
 SOLDER TAILS, W/GUIDES  
 MULTI-BEAM XL

SCALE: 1:1 SHEET 6 OF 19 REV: P.9

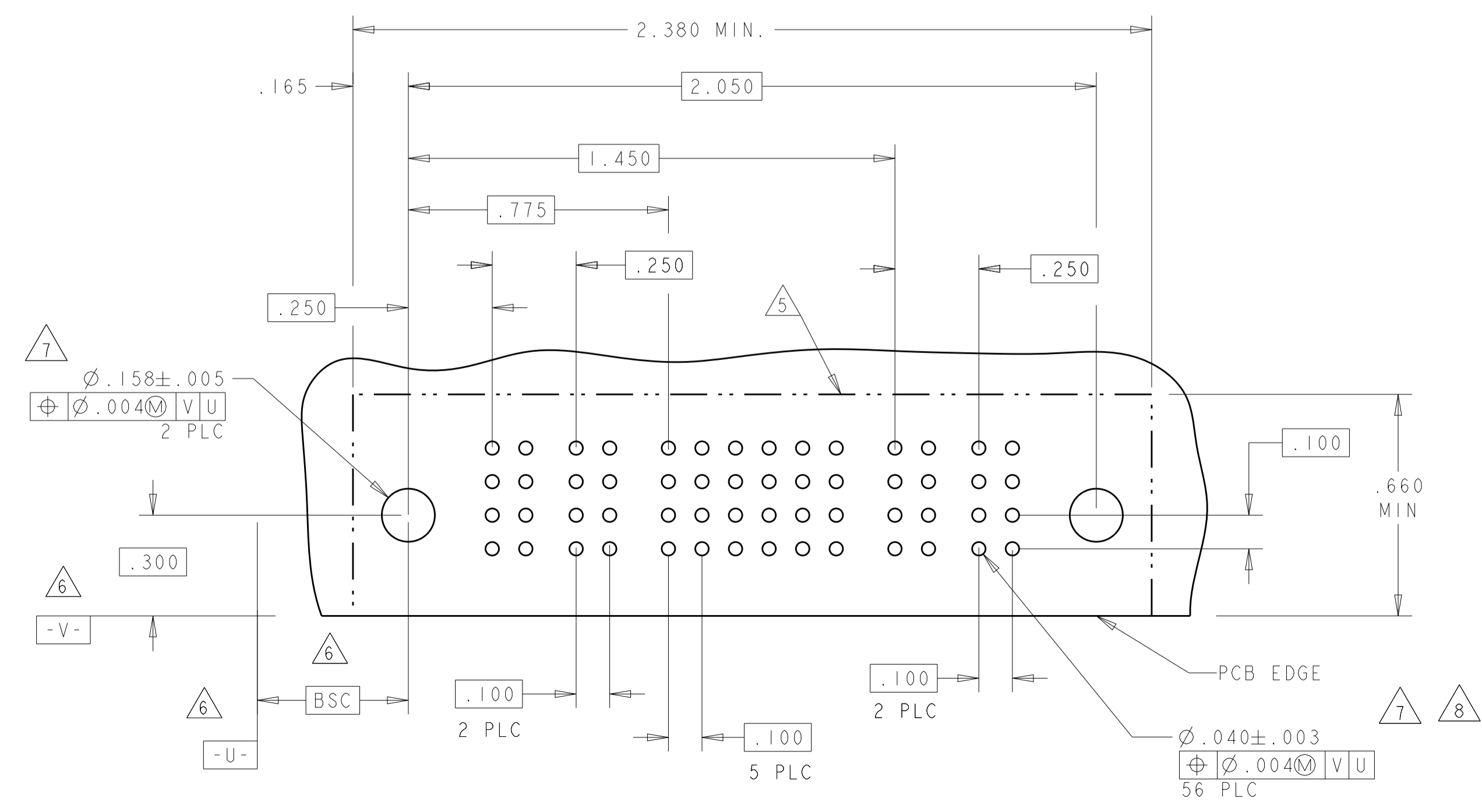
LOC	DIST	REVISIONS			
P	LTN	DESCRIPTION	DATE	OWN	APVD
ES	00	SEE SHEET 1	-	-	-

PART NUMBER	ROWS	POWER					SIGNAL						POWER			
		P1	P2	P3	P4	P5	1	2	3	4	5	6	P6	P7	P8	P9
I-6450330-3	D C B A	PA	PA	PA	PA	PA	Z	Z	Z	Z	Z	Z	PA	PA	PA	PA
		Y	Y	Y	Y	Y	Y	R	R	R	R	R				
		A1	A1	A1	A1											
5P + 24S + 4P																

PART NUMBER	ROWS	POWER				SIGNAL							POWER			
		P1	P2	P3	P4	1	2	3	4	5	6	7	P5	P6	P7	P8
I-6450330-8	D C B A	PM	PM	PM	PM	J	J	J	J	J	J	J	PM	PM	PM	PM
		K	K	K	K	K	K	K	K							
		S	S	S	S	S	S	S	S							
4P + 28S + 4P																



PART NUMBER	ROWS	POWER		SIGNAL						POWER	
		P1	P2	1	2	3	4	5	6	P3	P4
I-6450330-4	D C B A	PM	PM	J	J	E	J	J	J	PM	PM
		K	K	K	K	K	K				
		S	S	S	S	S	S				
2P + 24S + 2P											

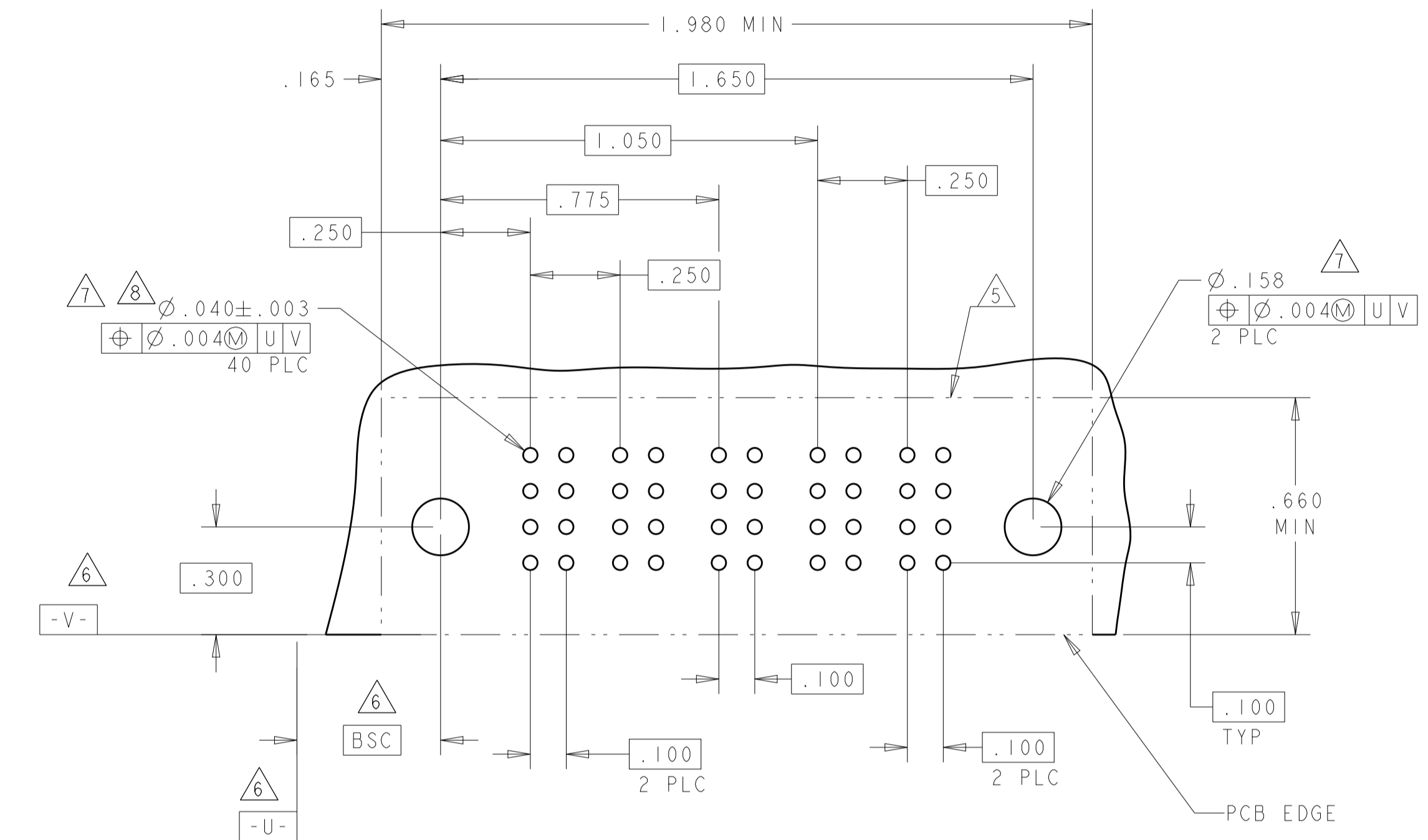
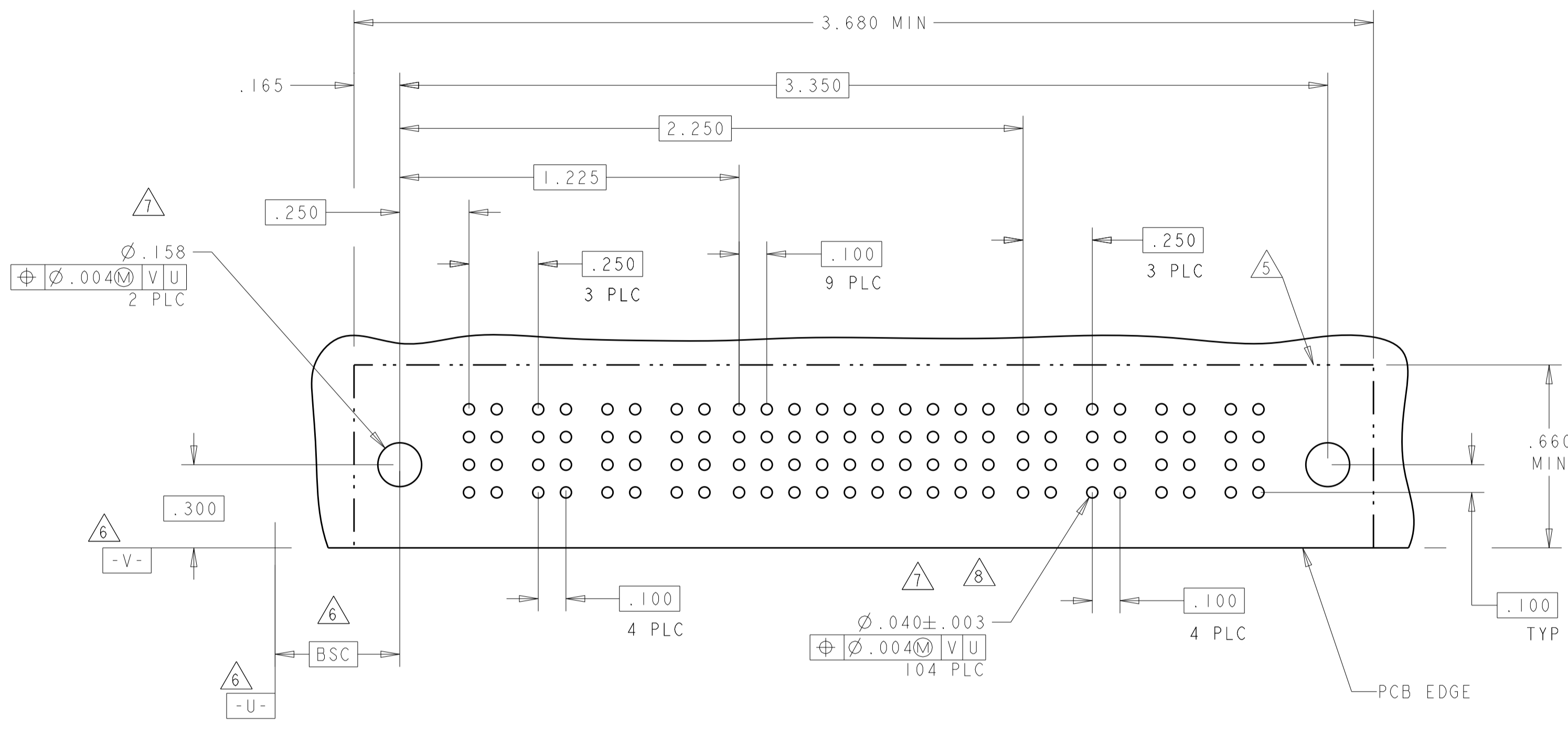


THIS DRAWING IS A CONTROLLED DOCUMENT.		OWN: R. GRZYBOWSKI 28FEB05	TE Connectivity												
DIMENSIONS: INCHES		CHK: M. PERCHERKE 28FEB05													
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD: M. PERCHERKE	NAME: RIGHT ANGLE HEADER ASSEMBLY SOLDER TAILS, W/GUIDES MULTI-BEAM XL												
<table 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>±.002</td></tr> <tr><td>ANGLES</td><td>±.020</td></tr> </table>		0 PLC	±	1 PLC	±.01	2 PLC	±.01	3 PLC	±.005	4 PLC	±.002	ANGLES	±.020	PRODUCT SPEC: 108-1973	SIZE: A100779
0 PLC	±														
1 PLC	±.01														
2 PLC	±.01														
3 PLC	±.005														
4 PLC	±.002														
ANGLES	±.020														
MATERIAL: FINISH: *		APPLICATION SPEC: 114-13038	DRAWING NO: C=6450330												
WEIGHT: -		CUSTOMER DRAWING	RESTRICTED TO: -												
SCALE: 1:1		SHEET: 7 OF 19	REV: P9												

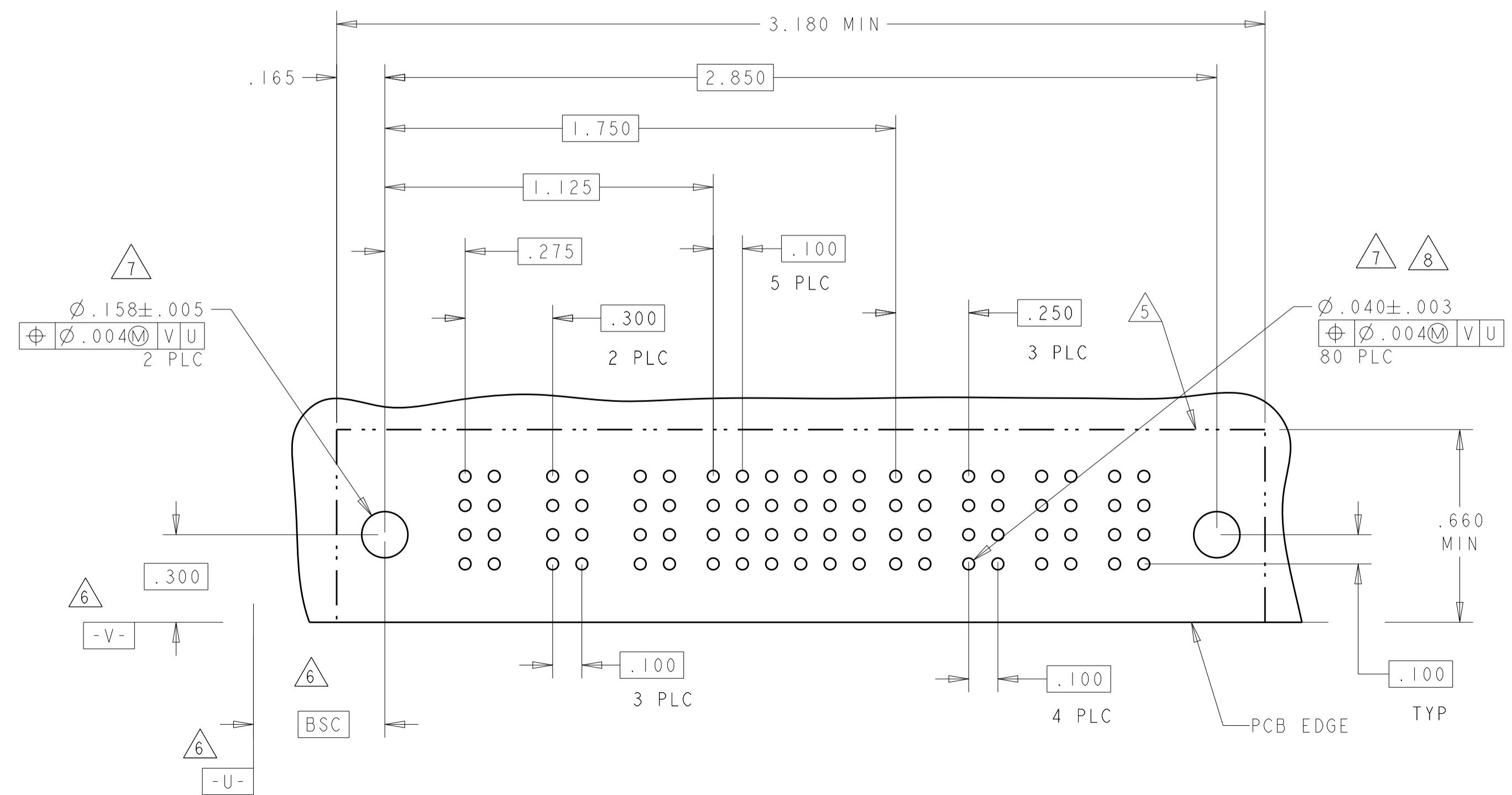
LOC		DIST		REVISIONS			
ES	00	P	LTN	DESCRIPTION	DATE	DMN	APVD
		-		SEE SHEET 1			

PART NUMBER	ROWS	POWER				SIGNAL										POWER			
		P1	P2	P3	P4	1	2	3	4	5	6	7	8	9	10	P5	P6	P7	P8
2-6450330-3	D C B A	PM	PM	PM	PM	J	J	J	J	J	J	J	J	J	J	PM	PM	PM	PM
						K	K	K	K	K	K	K	K	K					
						N	N	N	N	N	N	N	N	N					
						H	S	S	S	S	S	S	S	H					
4P + 40S + 4P																			

PART NUMBER	HOUSING P/N	ROWS	POWER		SIGNAL		POWER	
			P1	P2	1	2	P3	P4
4-6450330-6	4-1450310-5	D C B A	PM	PM	J	J	PM	PM
					K	K		
					N	N		
					S	S		
2P + 8S + 2P								



PART NUMBER	ROWS	POWER			SIGNAL						POWER			
		P1	P2	P3	1	2	3	4	5	6	P4	P5	P6	P7
2-6450330-8	D C B A	PM	PM	PM	J	J	J	J	J	J	PM	PM	PM	PM
					K	K	K	K	K	K				
					N	N	N	N	N	N				
					H	S	S	S	S	S				
3ACP + 24S + 4P														



THIS DRAWING IS A CONTROLLED DOCUMENT.

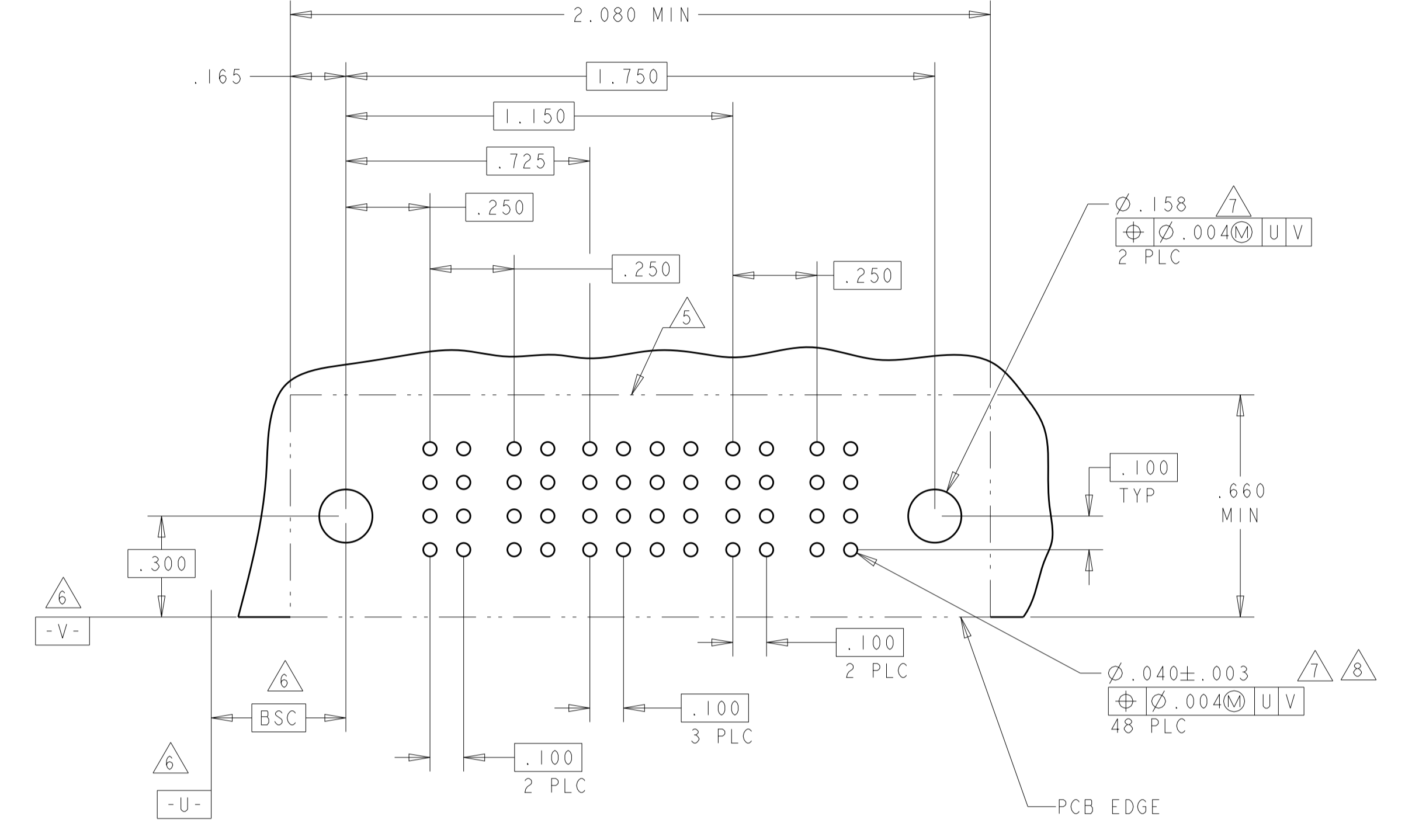
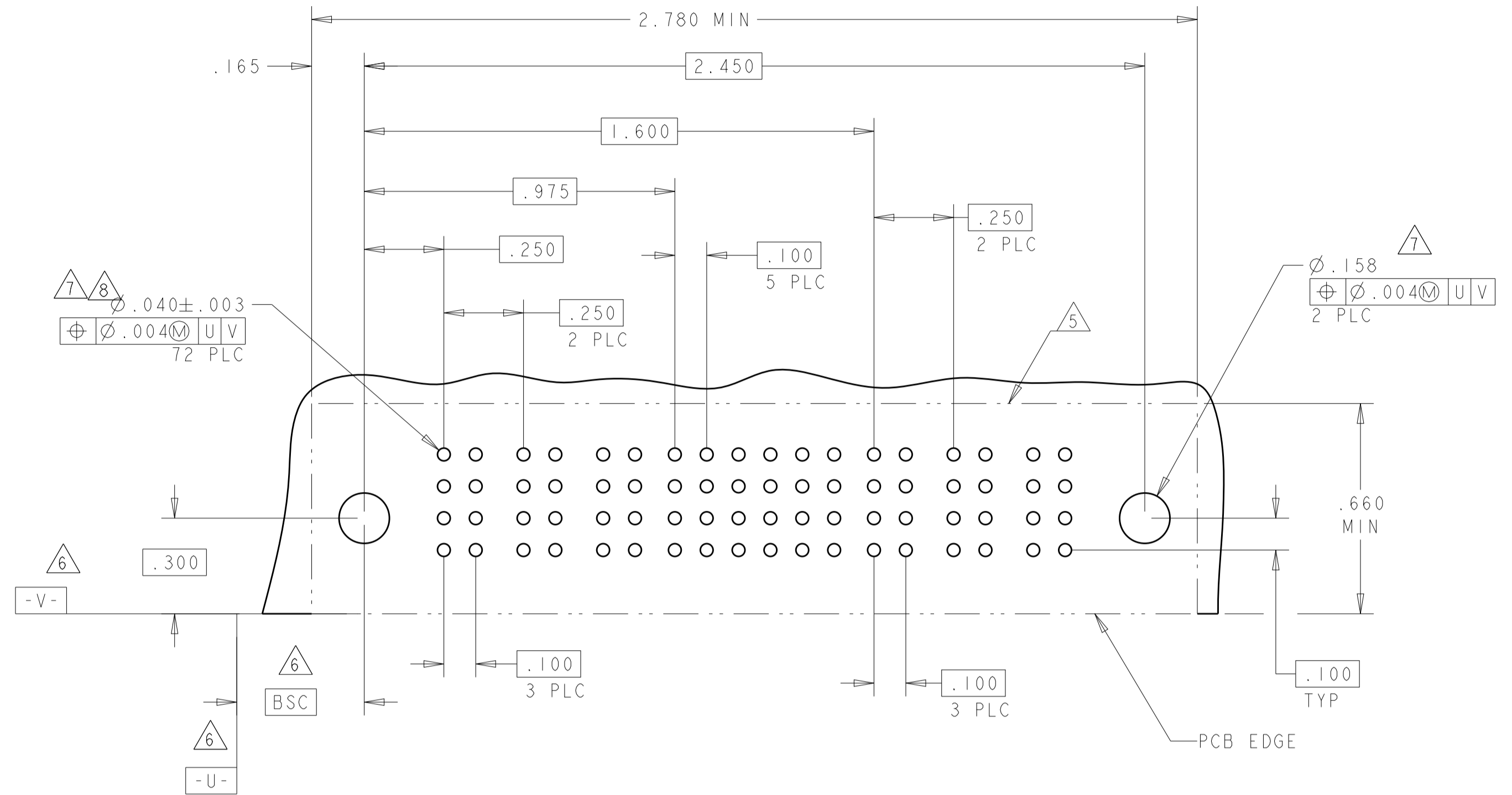
DIMENSIONS: INCHES	TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±.01 1 PLC ±.01 2 PLC ±.01 3 PLC ±.01 4 PLC ±.005 ANGLES ±.002	DMN: R. GRZYBOWSKI 28FEB05 CHK: M. PERCHERKE 28FEB05 APVD: M. PERCHERKE	NAME: M. PERCHERKE	PRODUCT SPEC: 108-1973	APPLICATION SPEC: 114-13038	WEIGHT: -	SCALE: 1:1	SHEET: 8 OF 19	REV: P.9
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**STE** TE Connectivity  
 RIGHT ANGLE HEADER ASSEMBLY  
 SOLDER TAILS, W/GUIDES  
 MULTI-BEAM XL  
 A100779C=6450330

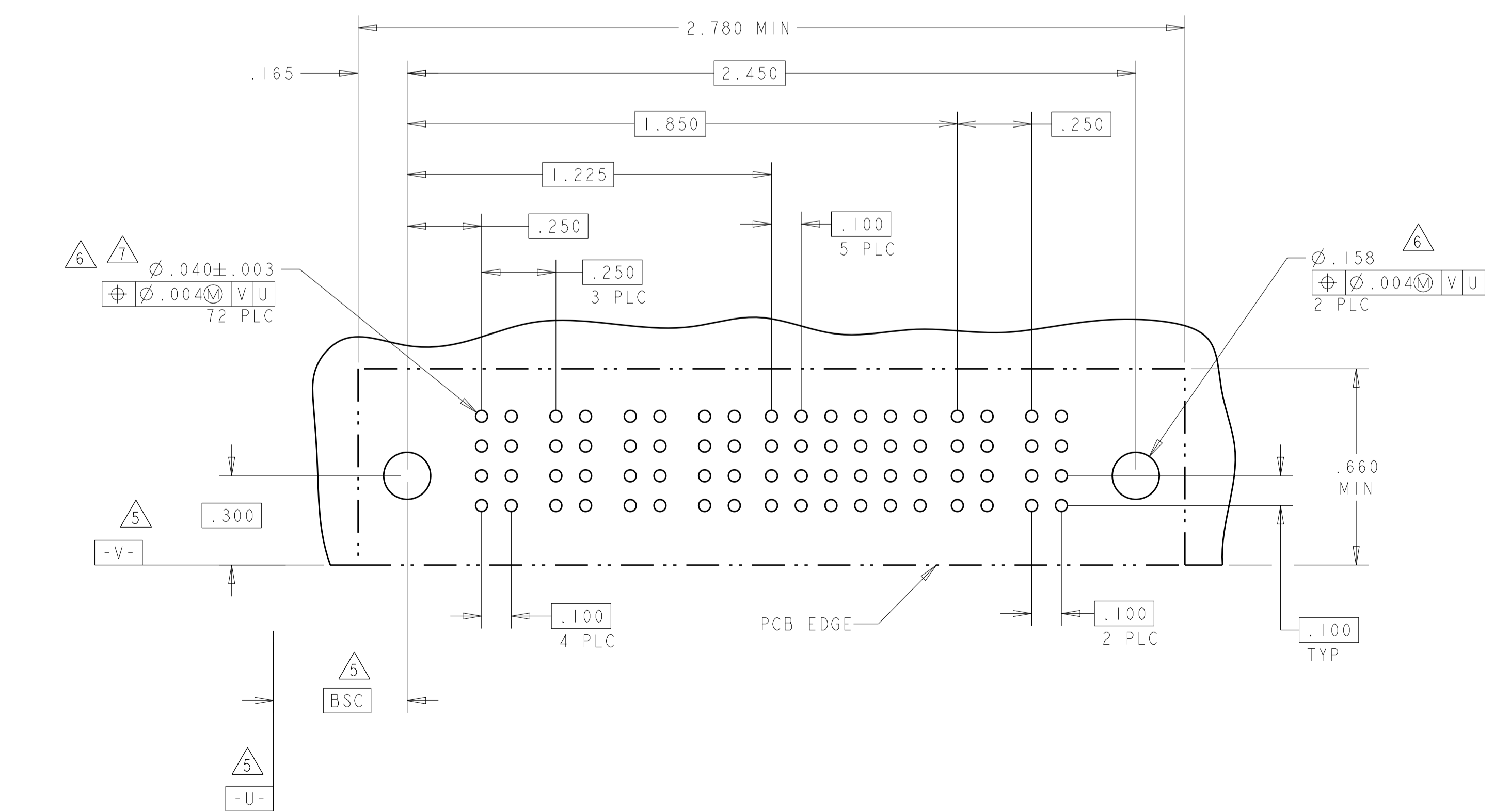


PART NUMBER	ROWS	POWER			SIGNAL						POWER		
		P1	P2	P3	1	2	3	4	5	6	P4	P5	P6
3-6450330-9	D	PM	PM	PM	J	E	E	E	E	E	PM	PM	PM
	C				F	F	F	F	F	K			
	B				G	G	G	G	G	N			
	A				H	H	H	H	H	H			
3P + 24S + 3P													

PART NUMBER	ROWS	POWER		SIGNAL				POWER	
		P1	P2	1	2	3	4	P3	P4
4-6450330-9	D	PM	PM	J	E	J	J	PM	PM
	C			K	F	K	K		
	B			N	G	N	N		
	A			S	H	S	S		
2P + 16S + 2P									

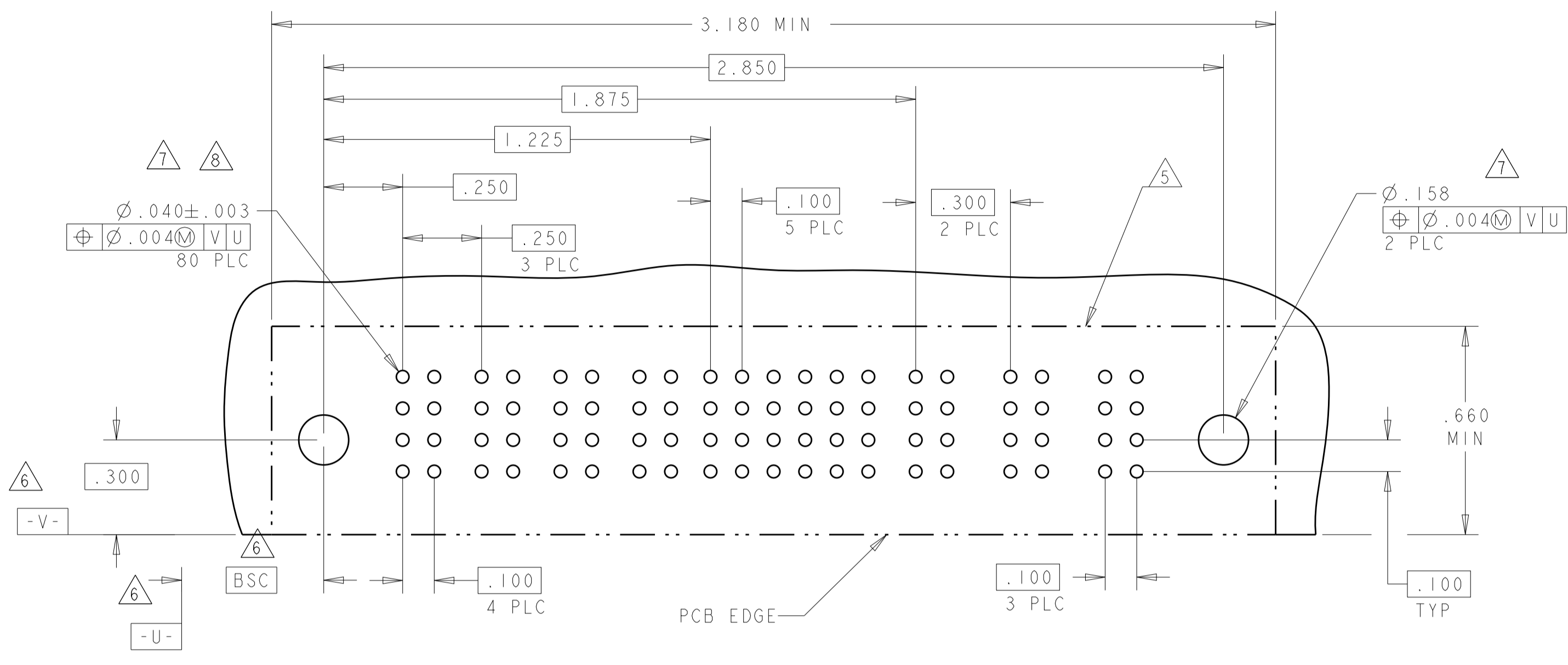


PART NUMBER	ROWS	POWER				SIGNAL						POWER	
		P1	P2	P3	P4	1	2	3	4	5	6	P5	P6
4-6450330-2	D	PM	PM	PM	PM	J	J	J	J	J	J	PM	PM
	C					F	K	K	K	K	K		
	B					N	N	N	N	N	N		
	A					S	S	S	S	S	S		
4P + 24S + 2P													

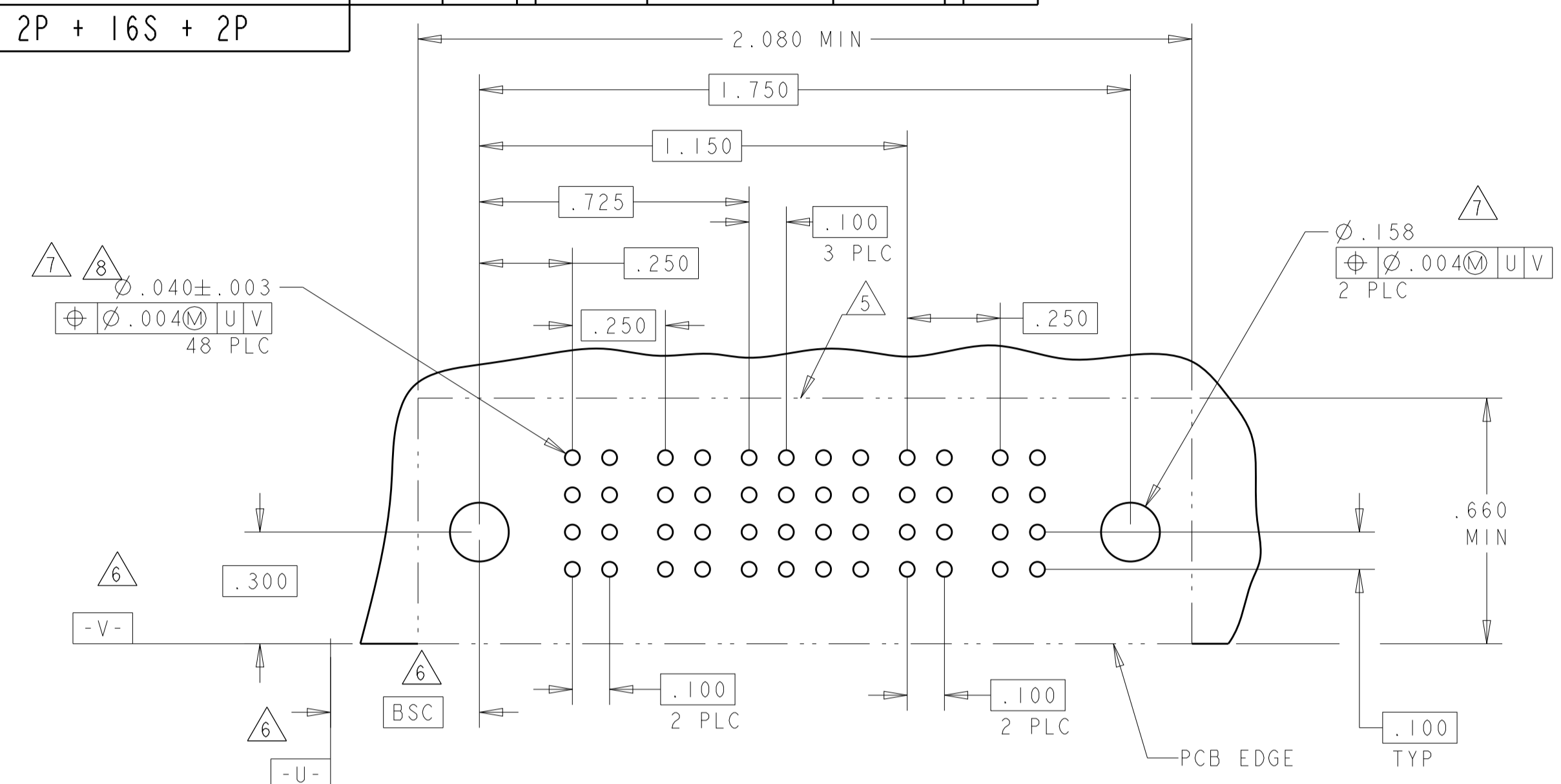


THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN: R. GRZYBOWSKI 28FEB05	 TE Connectivity
DIMENSIONS: INCHES		CHK: M. PERCHERKE 28FEB05	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD: M. PERCHERKE	NAME: RIGHT ANGLE HEADER ASSEMBLY SOLDER TAILS, W/GUIDES MULTI-BEAM XL
0 PLC ±. 1 PLC ±.01 2 PLC ±.01 3 PLC ±.005 4 PLC ±.002 ANGLES ±.020		PRODUCT SPEC: 108-1973	APPLICATION SPEC: 114-13038
MATERIAL: FINISH: *		WEIGHT: -	RESTRICTED TO: -
CUSTOMER DRAWING		SCALE: 1:1	SHEET 9 OF 19 REV: P.9

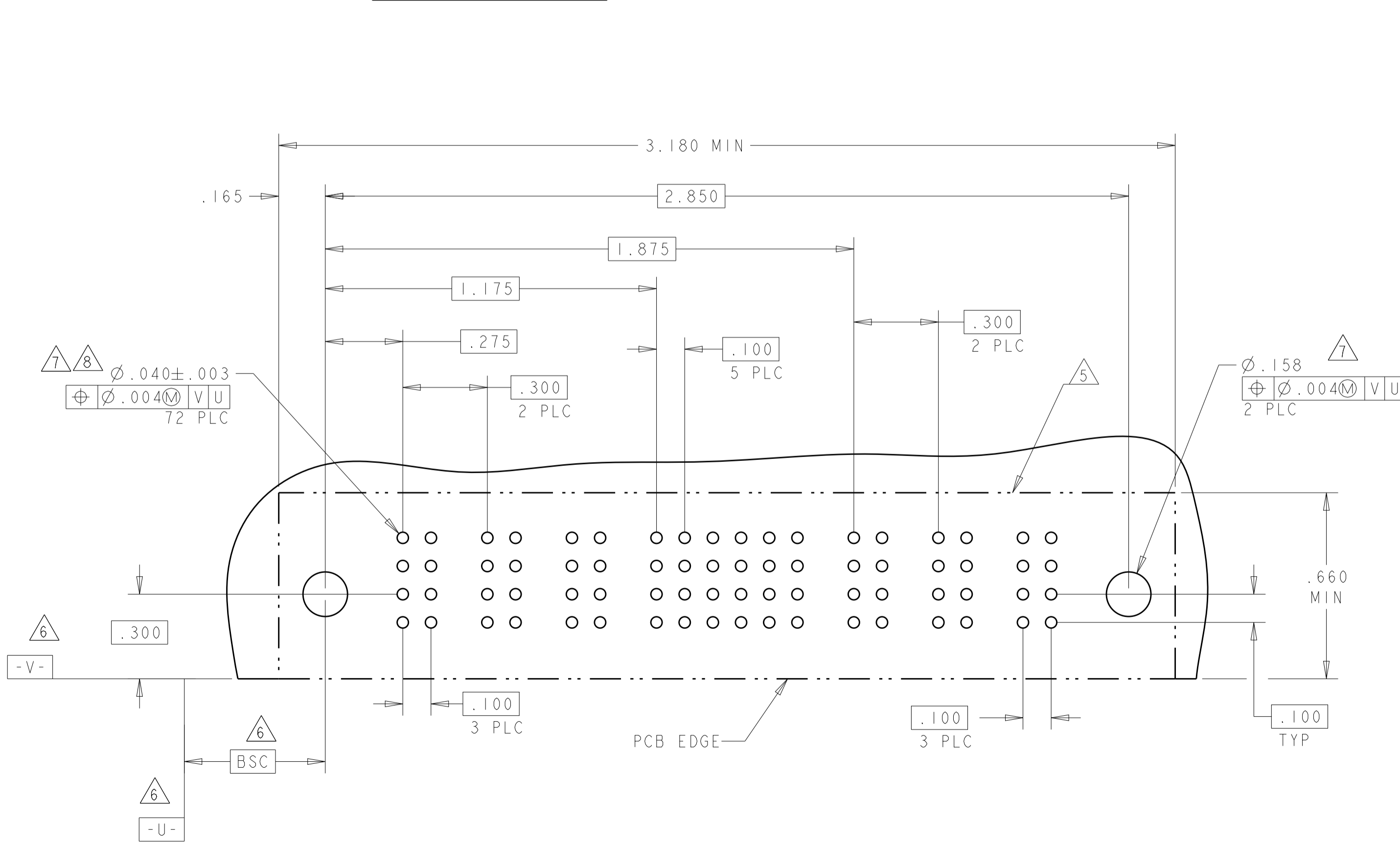
PART NUMBER	ROWS	POWER				SIGNAL						POWER		
		P1	P2	P3	P4	1	2	3	4	5	6	P5	P6	P7
5-6450330-0	D C B A	PM	PM	PM	PM	J	J	J	J	J	J	PM	PM	PM
						K	K	K	K	K	K			
						N	N	N	N	N	N			
						S	S	S	S	S	H			
4P + 24S + 3ACP														



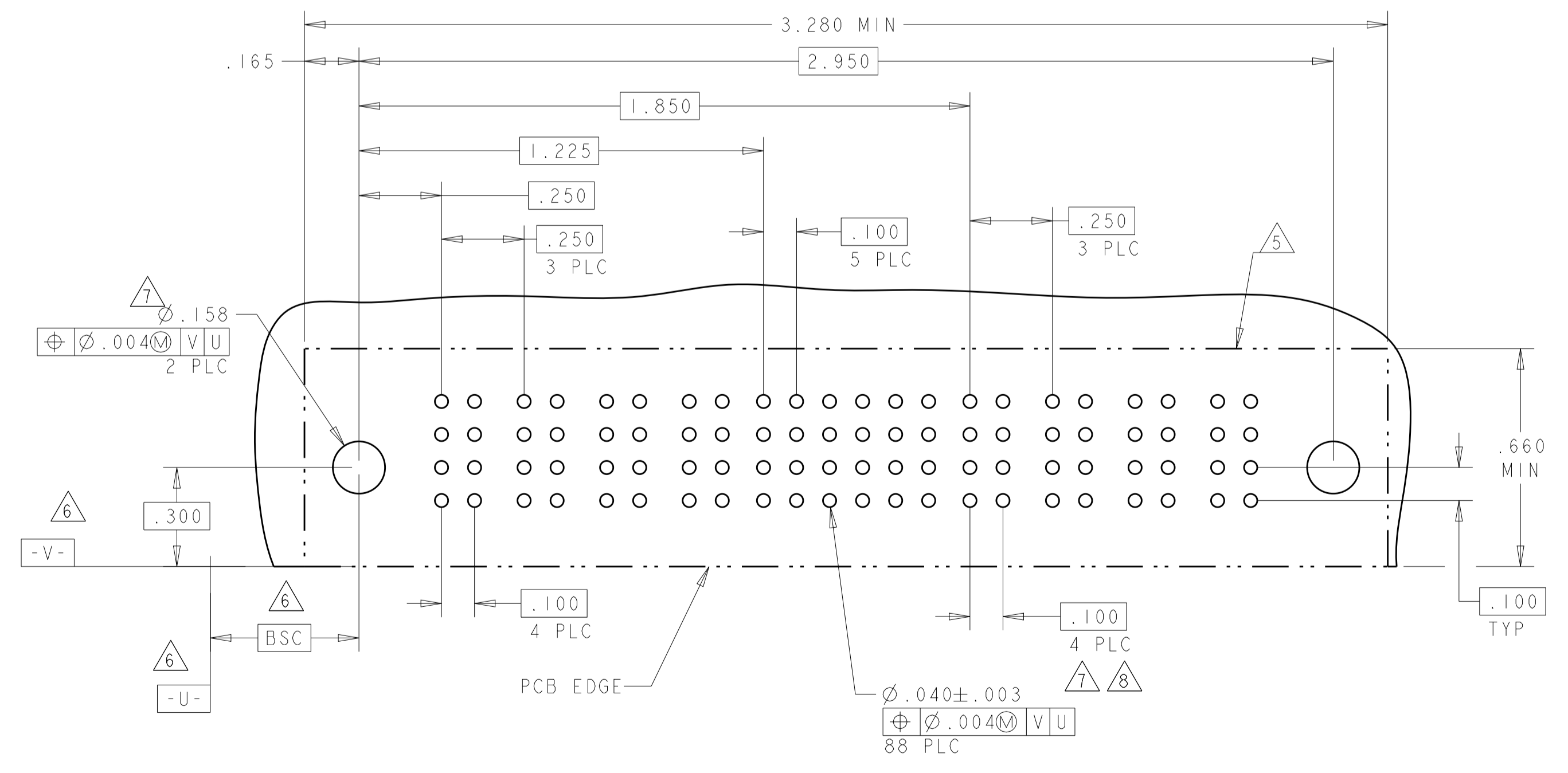
PART NUMBER	ROWS	POWER		SIGNAL				POWER	
		P1	P2	1	2	3	4	P3	P4
5-6450330-1	D C B A	PM	PM	J	J	J	E	PM	PM
				K	K	K	K		
				N	G	N	N		
				S	S	S	S		
2P + 16S + 2P									



PART NUMBER	ROWS	POWER			SIGNAL						POWER		
		P1	P2	P3	1	2	3	4	5	6	P4	P5	P6
2-6450330-6	D C B A	PM	PM	PM	J	J	E	J	J	J	PM	PM	PM
					K	K	K	K	K	K			
					N	N	N	N	N	N			
					S	S	S	S	S	S			
3ACP + 24S + 3ACP													



PART NUMBER	ROWS	POWER				SIGNAL						POWER			
		P1	P2	P3	P4	1	2	3	4	5	6	P5	P6	P7	P8
5-6450330-3	D C B A	PM	PM	PM	PM	J	J	J	J	J	J	PM	PM	PM	PM
						K	K	K	K	K	K				
						N	N	N	N	N	N				
						S	S	S	S	S	H				
4P + 24S + 4P															



THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:	TOLERANCES UNLESS OTHERWISE SPECIFIED:	OWN: R. GRZYBOWSKI 28FEB05	CHK: M. PERCHERKE 28FEB05
INCHES	0 PLC ± .01	APVD: M. PERCHERKE	NAME: M. PERCHERKE
	1 PLC ± .01	PRODUCT SPEC	
	2 PLC ± .01	APPLICATION SPEC	
	3 PLC ± .01	108-1973	
	4 PLC ± .005	114-13038	
	5 PLC ± .002	WEIGHT	
	ANGLES ± .002	CUSTOMER DRAWING	

STE TE Connectivity

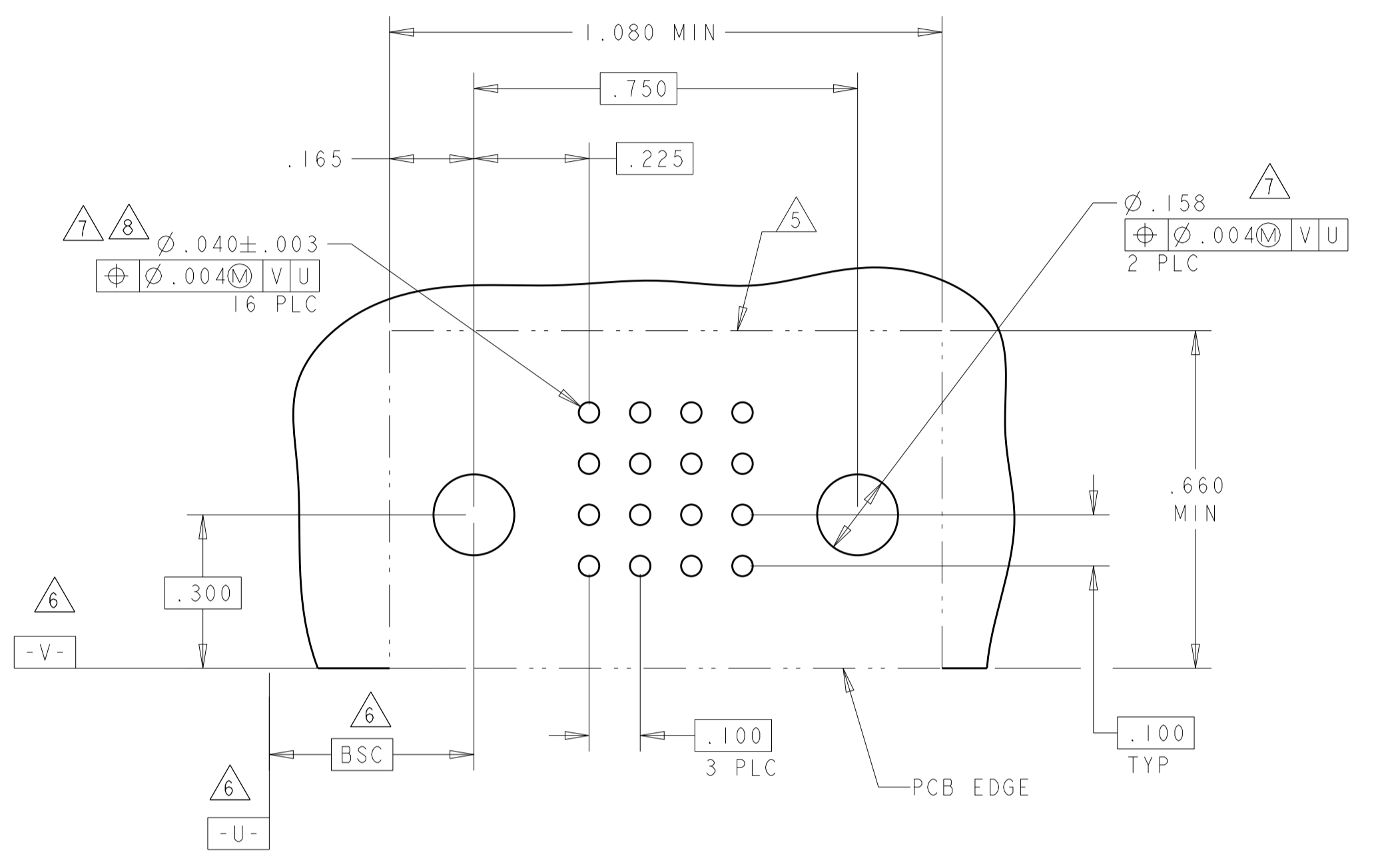
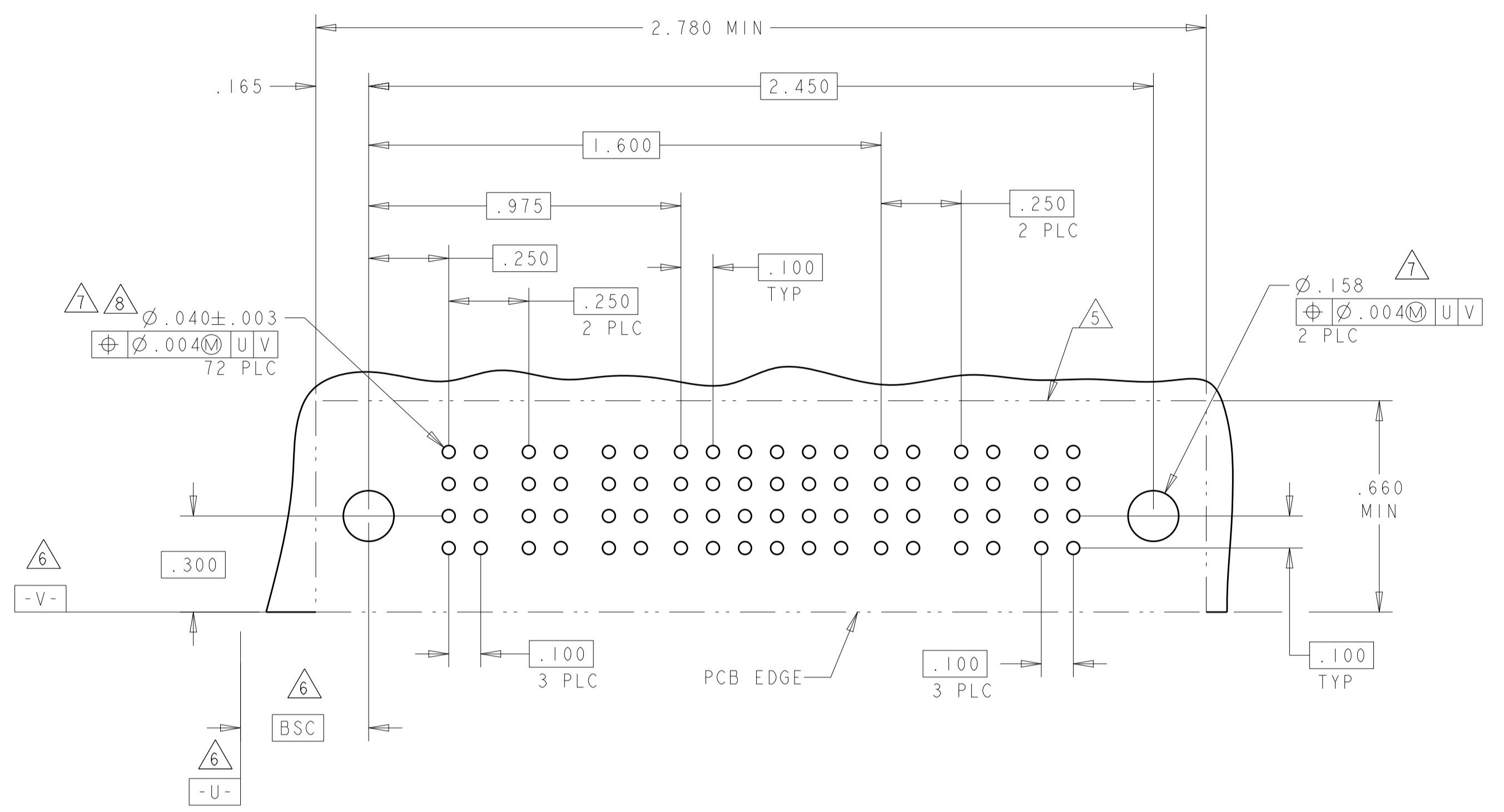
RIGHT ANGLE HEADER ASSEMBLY  
SOLDER TAILS, W/GUIDES  
MULTI-BEAM XL

SIZE: A1 00779 C=6450330

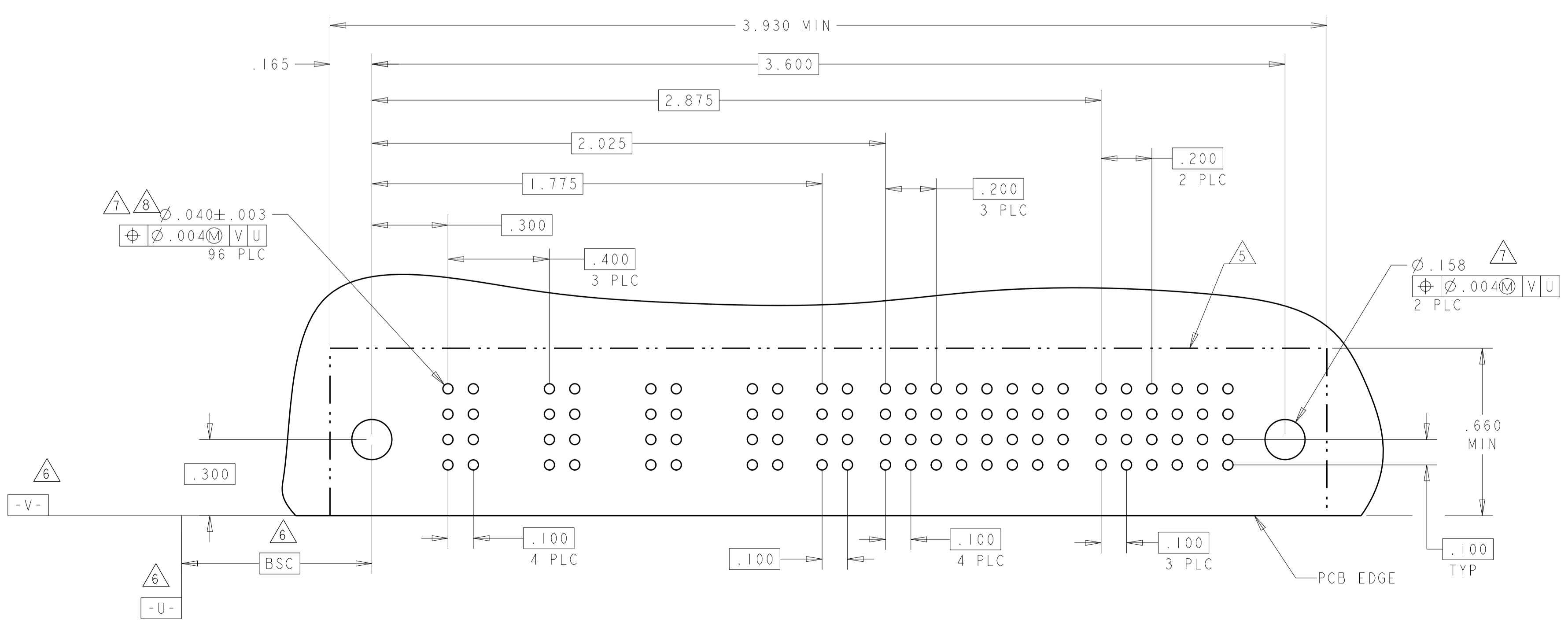
SCALE: 1:1 SHEET 10 OF 19 REV: P9

PART NUMBER	ROWS	POWER			SIGNAL						POWER		
		P1	P2	P3	1	2	3	4	5	6	P4	P5	P6
5-6450330-2	D	PM	PM	PM	J	J	J	J	J	J	PM	PM	PM
	C				K	K	K	K	K	K			
	B				N	N	G	N	N	N			
	A				S	S	S	S	S	S			
3P + 24S + 3P													

PART NUMBER	ROWS	SIGNAL			
		1	2	3	4
3-6450330-1	D	E	E	E	E
	C	F	F	F	K
	B	G	G	G	G
	A	H	H	H	H
16S					

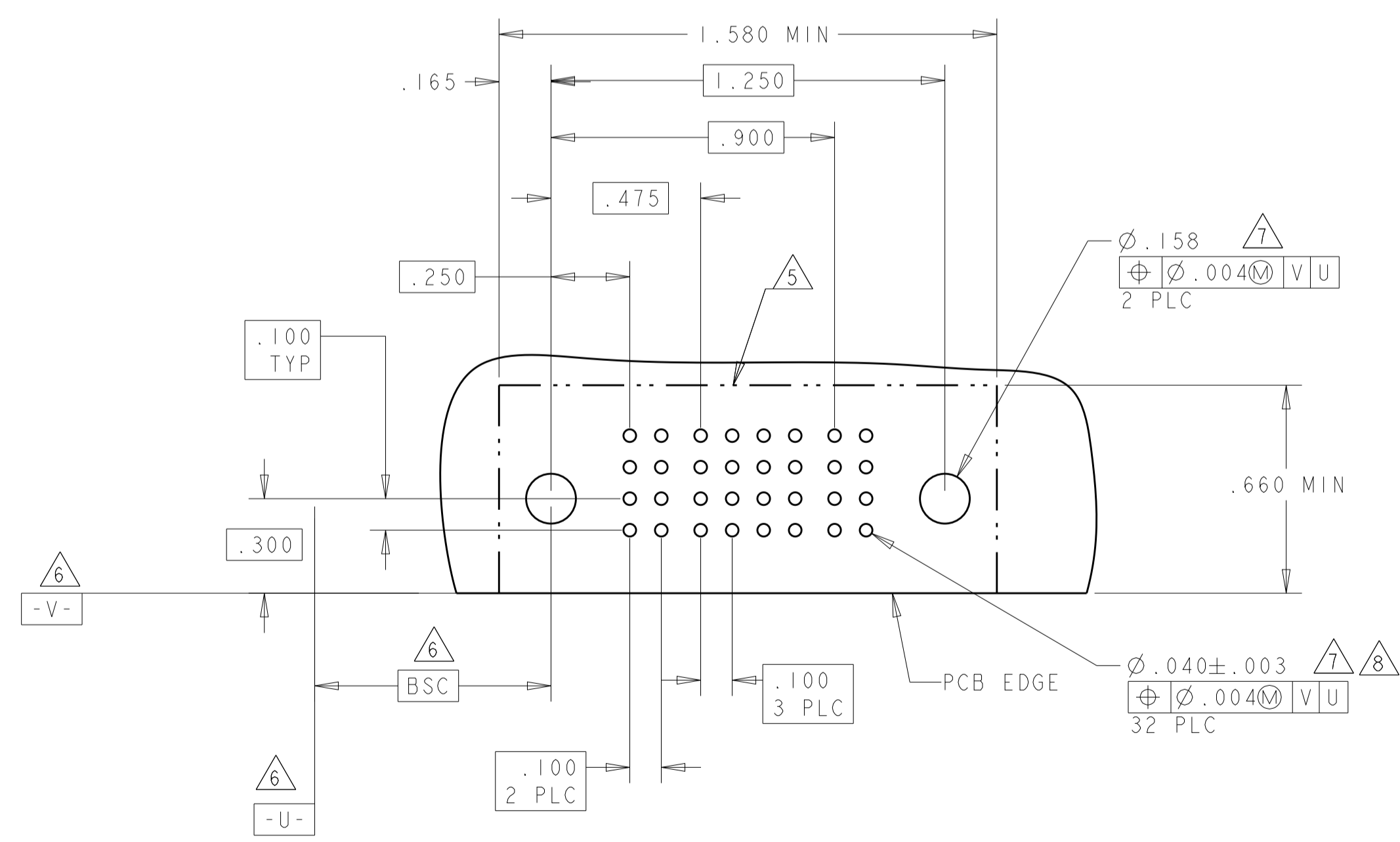
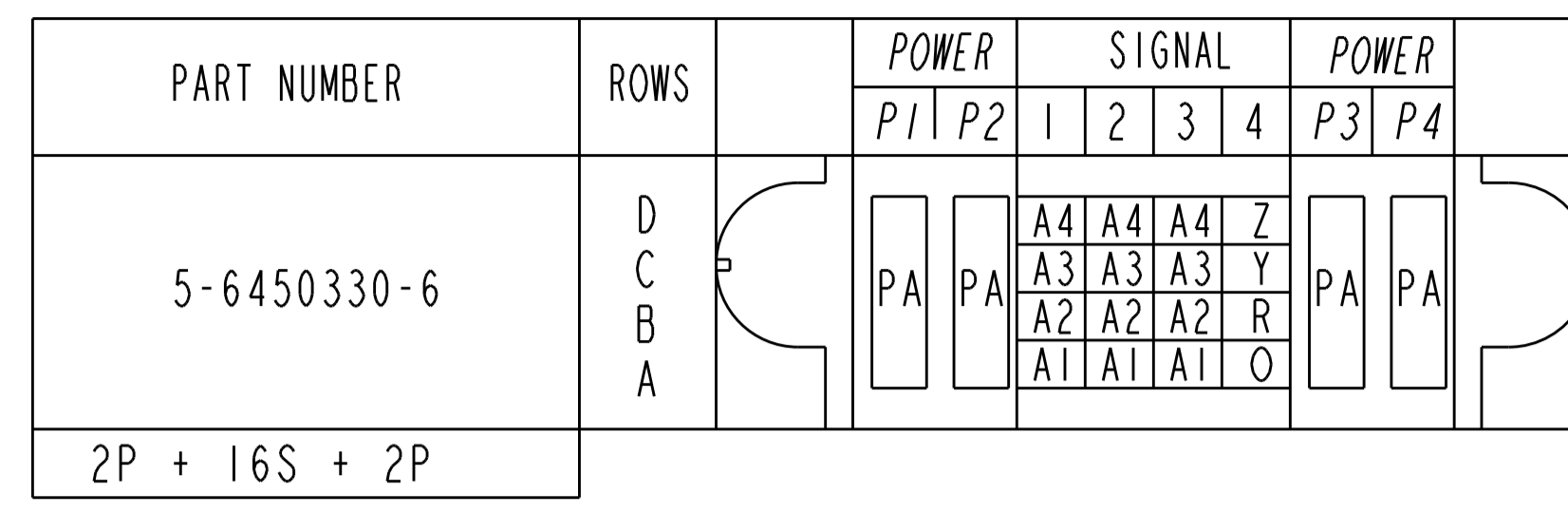
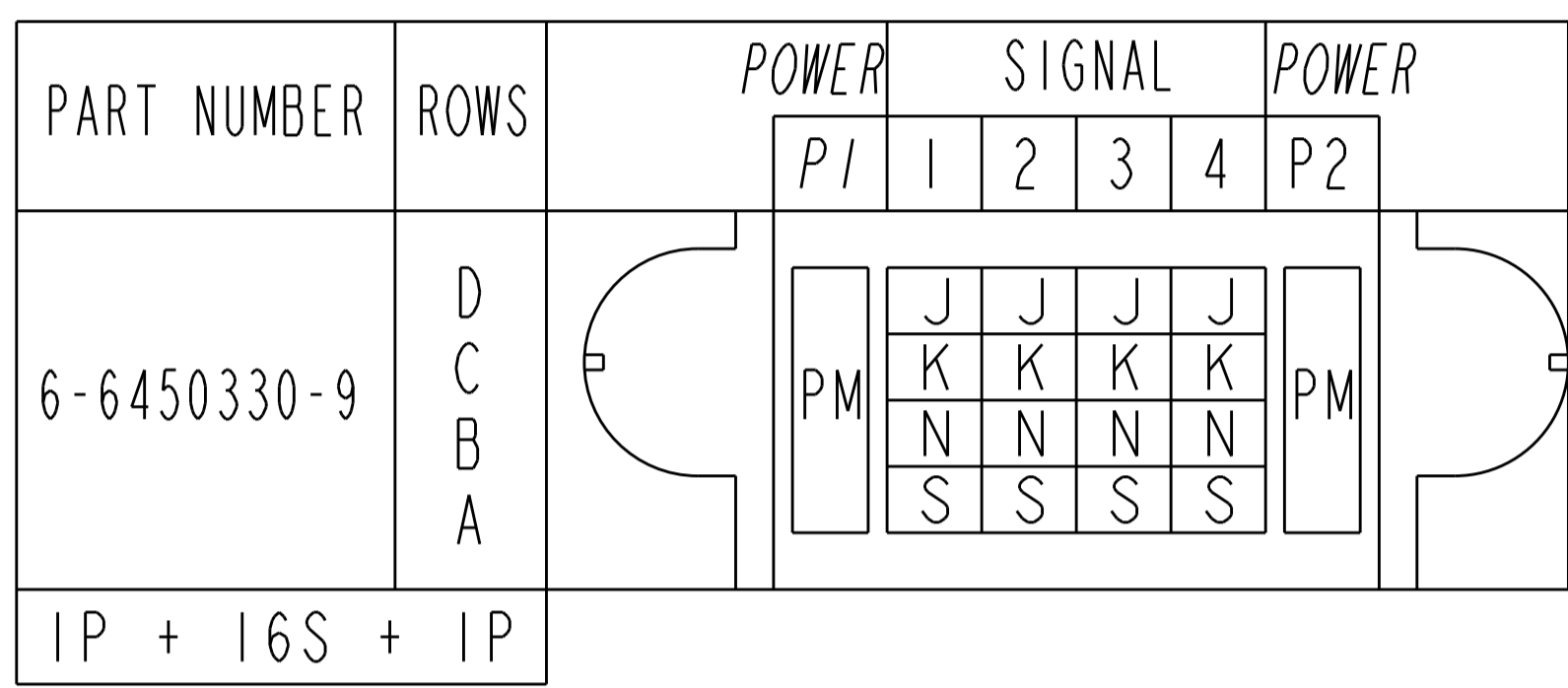
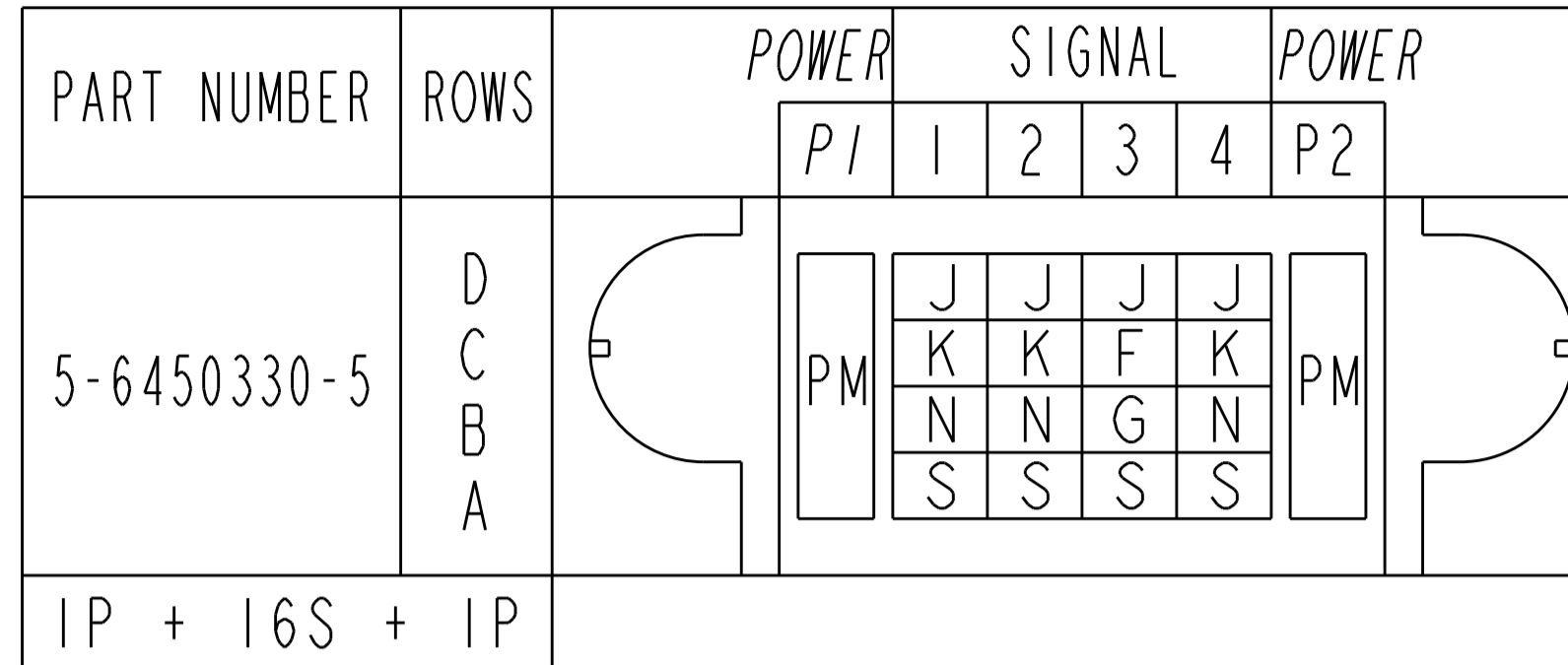


PART NUMBER	ROWS	POWER						SIGNAL		POWER							
		P1	P2	P3	P4	P5	P6	P7	1	2	P8	P9	P10	P11	P12	P13	P14
5-6450330-4	D	PM	PM	PM	PM	PM	PM	J	J	PM	PM	PM	PM	PM	PM	PM	
	C							K	K								
	B							N	N								
	A							H	S								
7P + 8S + 7P																	

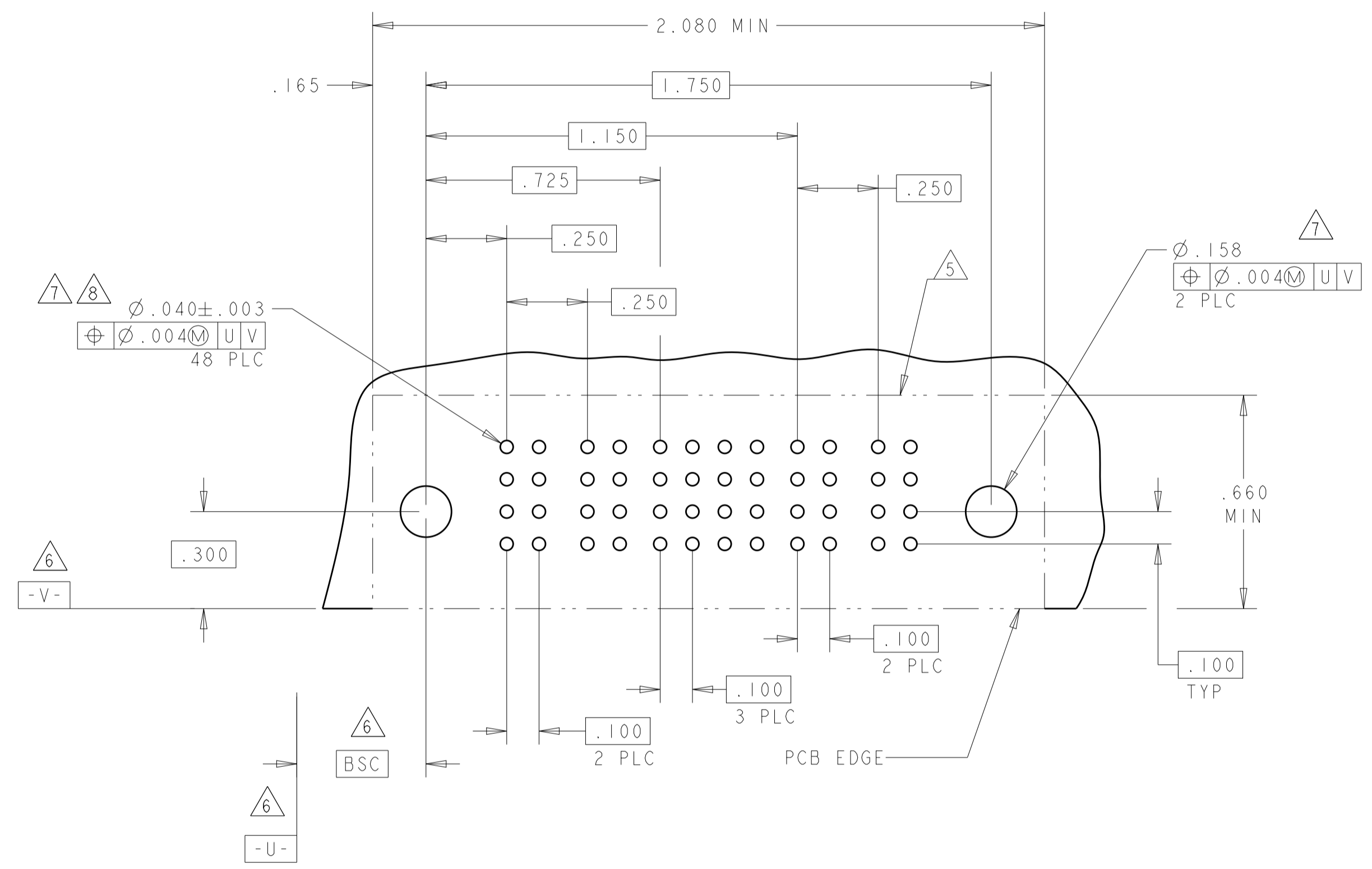


THIS DRAWING IS A CONTROLLED DOCUMENT.		DMN: R. GRZYBOWSKI 28FEB05	<b>STE</b> TE Connectivity
DIMENSIONS: INCHES		CHK: M. PERCHERKE 28FEB05	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD: M. PERCHERKE	NAME: RIGHT ANGLE HEADER ASSEMBLY SOLDER TAILS, W/GUIDES MULTI-BEAM XL
0 PLC ± .01		PRODUCT SPEC: 108-1973	
1 PLC ± .01		APPLICATION SPEC: 114-13038	SIZE: A100779 C=6450330
2 PLC ± .01		WEIGHT: -	
3 PLC ± .005		CUSTOMER DRAWING	SCALE: 1:1
4 PLC ± .002		RESTRICTED TO: -	SHEET 11 OF 19
ANGLES ± .020			REV: P.9

LOC	DIST	REV	DATE	BY	APPV
ES	00				
REVISIONS			DESCRIPTION	DATE	BY
			SEE SHEET 1		



PCB LAYOUT VIEW FOR P/N: 5-6450330-5 AND 6-6450330-9

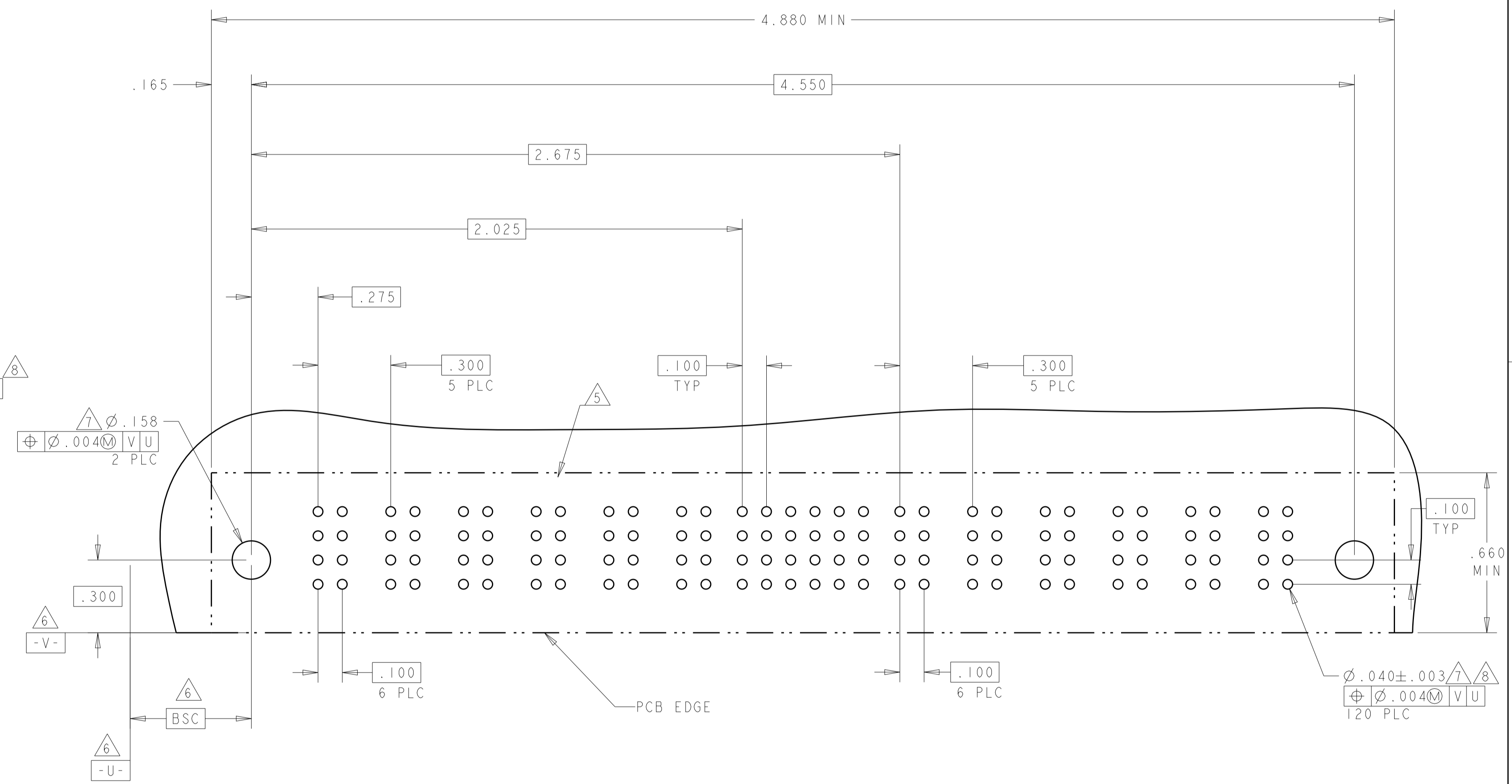
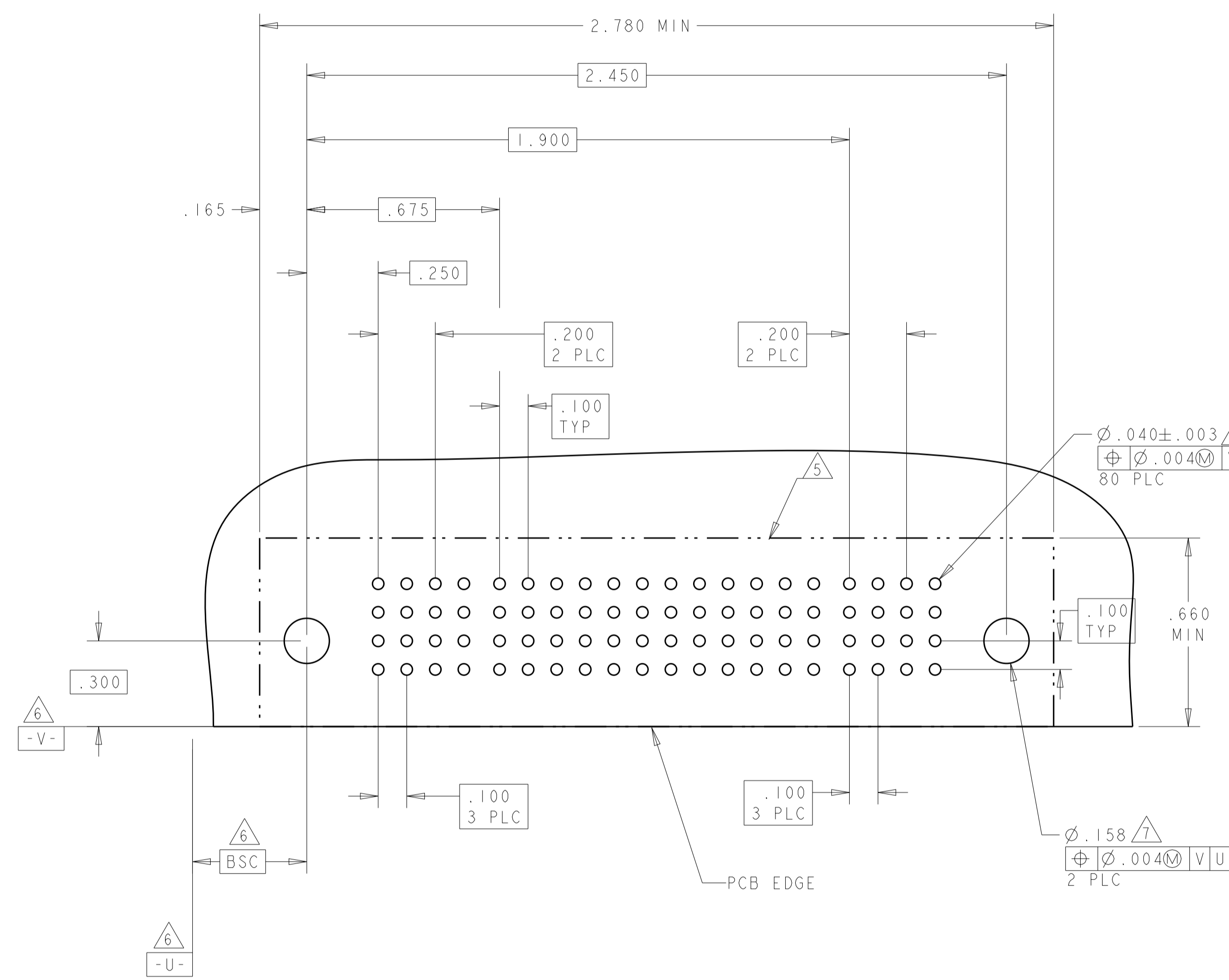


THIS DRAWING IS A CONTROLLED DOCUMENT.		OWN: R. GRZYBOWSKI 28FEB05	TE Connectivity
DIMENSIONS: INCHES		CHK: M. PERCHERKE 28FEB05	
		APVD: M. PERCHERKE	NAME: RIGHT ANGLE HEADER ASSEMBLY SOLDER TAILS, W/GUIDES MULTI-BEAM XL
TOLERANCES UNLESS OTHERWISE SPECIFIED:		PRODUCT SPEC: 108-1973	SIZE: A1
0 PLC ±.01		APPLICATION SPEC: 114-13038	CAGE CODE: C=6450330
1 PLC ±.01		WEIGHT: -	RESTRICTED TO: -
2 PLC ±.01		CUSTOMER DRAWING	SCALE: 1:1
3 PLC ±.005			SHEET: 12 OF 19
4 PLC ±.0020			REV: P.9
ANGLES ±.020			
FINISH: #2			

LOC	DIST	REVISIONS					
		P	LTN	DESCRIPTION	DATE	DMN	APVD
ES	00	-	-	SEE SHEET 1	-	-	-

PART NUMBER	ROWS	POWER		SIGNAL												POWER	
		P1	P2	1	2	3	4	5	6	7	8	9	10	11	12	P3	P4
5-6450330-7	D	PM	PM	J	J	E	E	J	E	E	J	E	E	J	J	PM	PM
	C			F	F	K	F	F	F	K	F	F	F	F			
	B			N	N	G	G	G	G	G	N	G	G	G			
	A			H	H	S	H	H	H	S	H	H	H	H			
2P + 48S + 2P																	

PART NUMBER	ROWS	POWER						SIGNAL						POWER					
		P1	P2	P3	P4	P5	P6	1	2	3	4	5	6	P7	P8	P9	P10	P11	P12
5-6450330-8	D	PM	PM	PM	PM	PM	PM	J	J	E	E	J	J	PM	PM	PM	PM	PM	PM
	C							F	F	K	F	F	F						
	B							N	N	G	G	G	G						
	A							H	H	S	H	H	H						
6ACP + 24S + 6ACP																			



THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: INCHES		TOLERANCES UNLESS OTHERWISE SPECIFIED:	DMN: R. GRZYBOWSKI 28FEB05 CHK: M. PERCHERKE 28FEB05 APVD: M. PERCHERKE PRODUCT SPEC: 108-1973 APPLICATION SPEC: 114-13038 WEIGHT: - CUSTOMER DRAWING	NAME: RIGHT ANGLE HEADER ASSEMBLY SOLDER TAILS, W/GUIDES MULTI-BEAM XL SIZE: A1 CAGE CODE: 100779 DRAWING NO: 6450330 SCALE: 1:1 SHEET: 13 OF 19 REV: P.9
		0 PLC ±. 1 PLC ±.01 2 PLC ±.01 3 PLC ±.005 4 PLC ±.0020 ANGLES ±.2° FINISH	STC TE Connectivity	

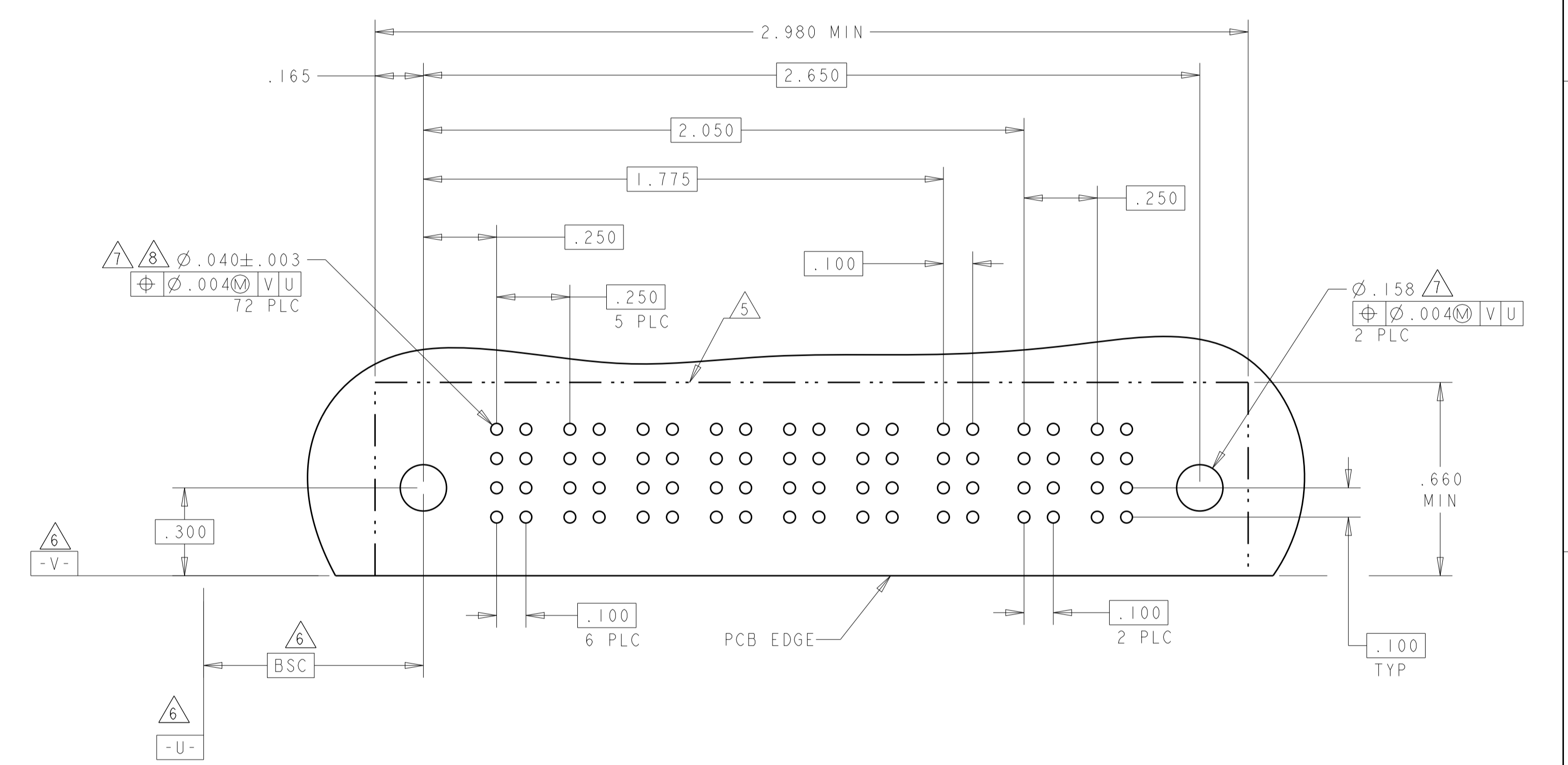
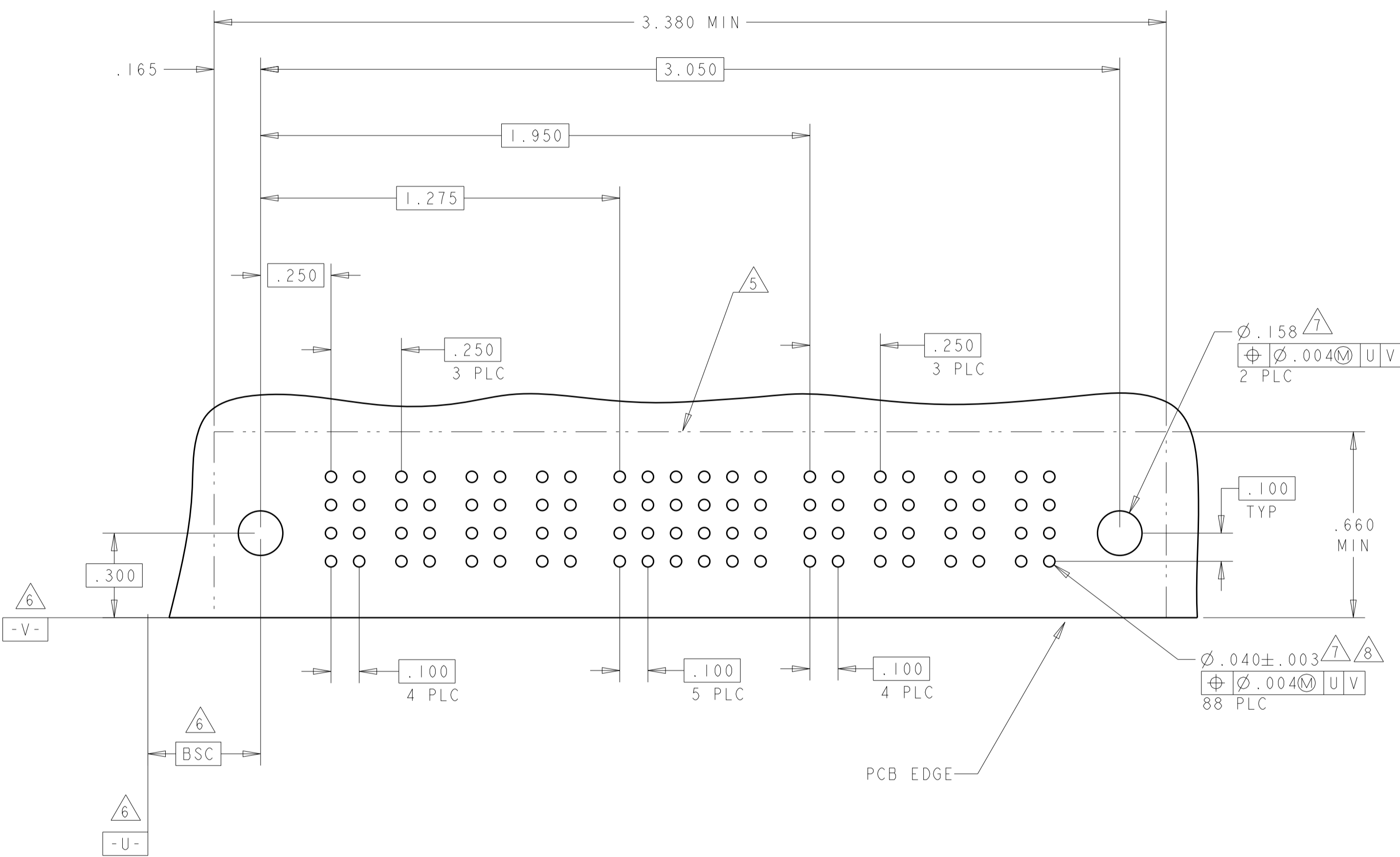
LOC	DIST	REV	DATE	BY	APPV
ES	00				

REVISIONS		DATE	BY	APPV
1	SEE SHEET 1			

PART NUMBER	ROWS	POWER				SIGNAL						POWER			
		P1	P2	P3	P4	1	2	3	4	5	6	P5	P6	P7	P8
3-6450330-7	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					H	S	S	S	S	S				
4P + 24S + 4P															

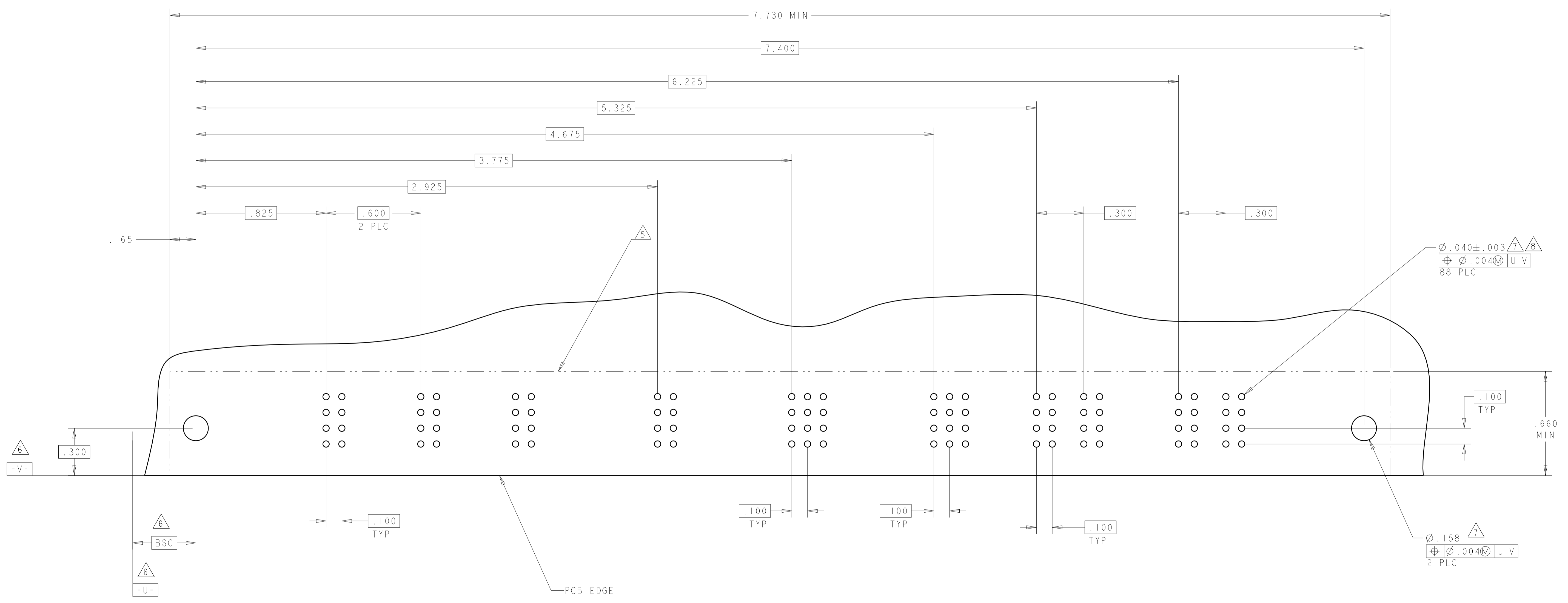
PART NUMBER	ROWS	POWER						SIGNAL		POWER	
		P1	P2	P3	P4	P5	P6	1	2	P7	P8
5-6450330-9	D	PM	PM	PM	PM	PM	PM	J	J	PM	PM
	C							K	K		
	B							N	N		
	A							FS	S		
6P + 8S + 2P											



THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN: R. GRZYBOWSKI 28FEB05 CHK: M. PERCHERKE 28FEB05 APVD: M. PERCHERKE	<b>STE</b> TE Connectivity
DIMENSIONS: INCHES	TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±. 1 PLC ±.01 2 PLC ±.01 3 PLC ±.005 4 PLC ±.0020 ANGLES ±.2° FINISH	NAME: RIGHT ANGLE HEADER ASSEMBLY PRODUCT SPEC: 108-1973 APPLICATION SPEC: 114-13038 WEIGHT:	SIZE: A1 CAGE CODE: 6450330 CUSTOMER DRAWING
MATERIAL:		SCALE: 1:1 SHEET: 14 OF 19 REV: P.9	RESTRICTED TO:

LOC	DIST	REVISIONS			
P	LTN	DESCRIPTION	DATE	DMN	APVD
-	-	SEE SHEET 1	-	-	-

PART NUMBER	ROWS	POWER												SIGNAL												POWER							
		P1	P2	P3	P4	P5	P6	P7	P8	P9	P10	P11	P12	1	2	3	4	5	6	7	8	9	10	11	12	P13	P14	P15	P16	P17	P18	P19	P20
6-6450330-0	D												J	J	J																		
	C			PM			PM			PM			K	K	K								E	E	E		PM	PM			PM	PM	
	B												N	N	N								F	F	F								
	A												S	S	H								G	G	G								
		12P + 48S + 8P																															



THIS DRAWING IS A CONTROLLED DOCUMENT.

OWN: R. GRZYBOWSKI 28FEB05  
 CHK: M. PERCHERKE 28FEB05  
 APVD: M. PERCHERKE

TE Connectivity

NAME: RIGHT ANGLE HEADER ASSEMBLY  
 SOLDER TAILS, W/GUIDES  
 MULTI-BEAM XL

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

SIZE: A1  
 CAGE CODE: 100779  
 DRAWING NO: 6450330

CUSTOMER DRAWING

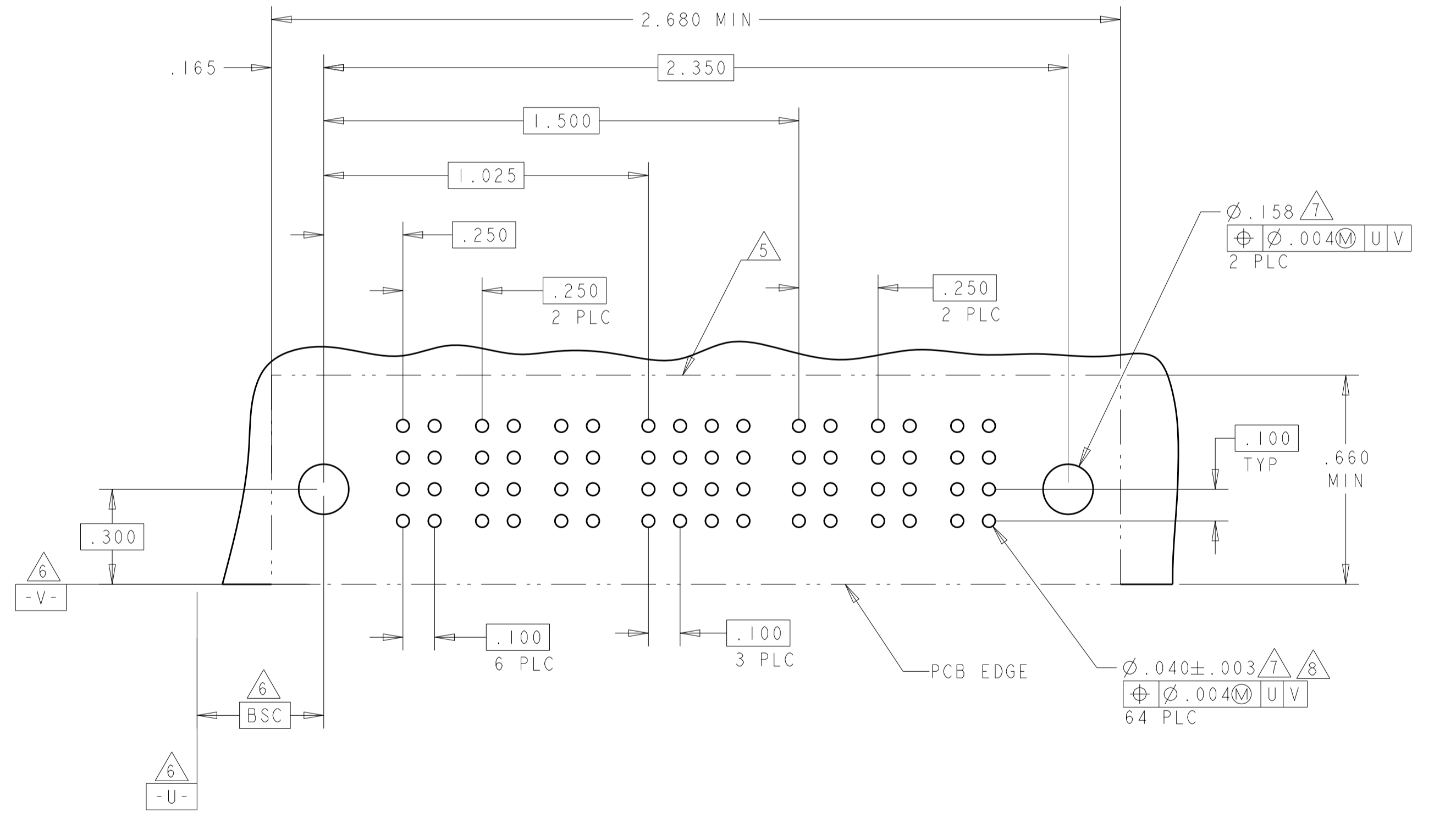
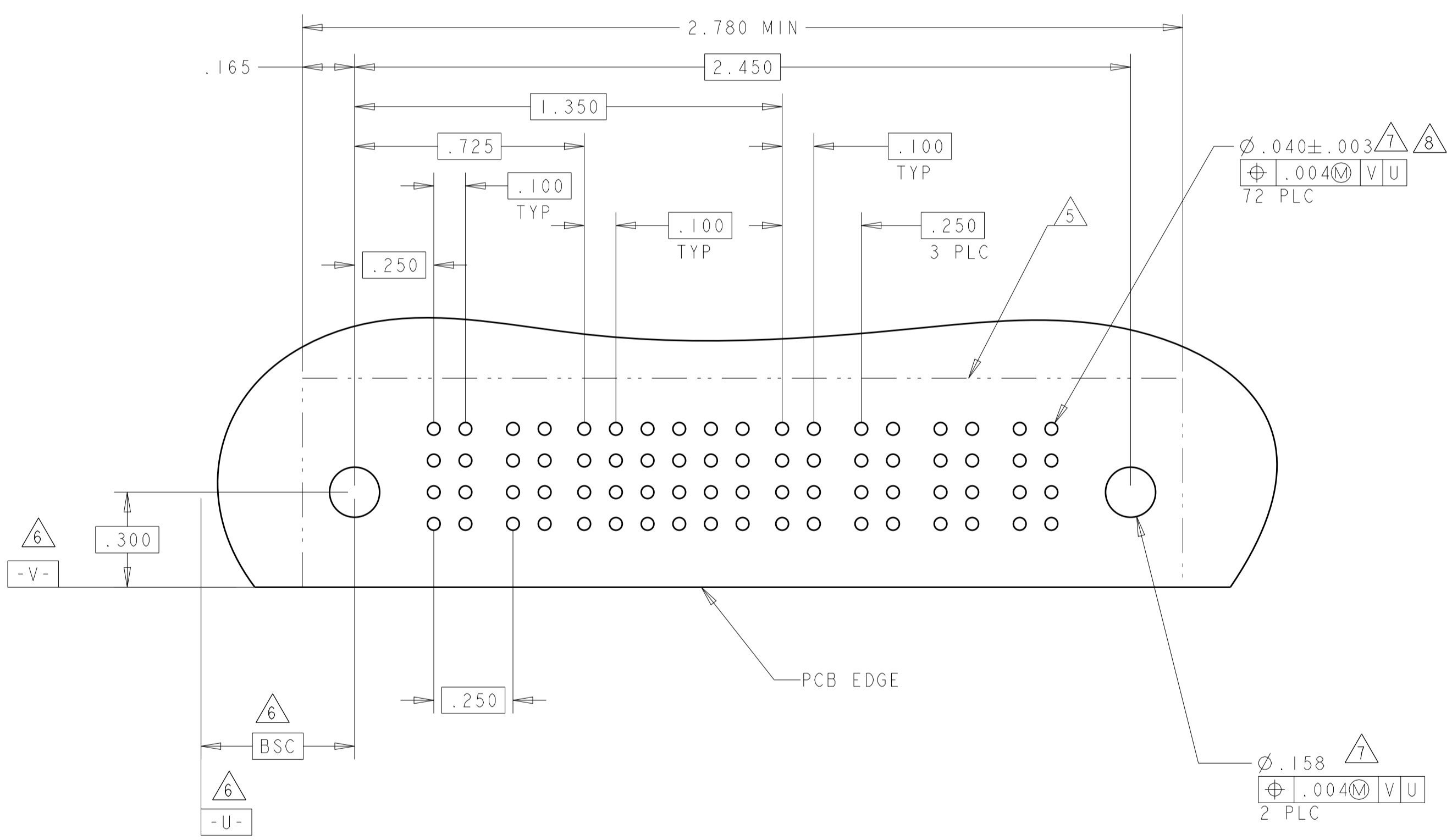
SCALE: 1:1  
 SHEET: 15 OF 19  
 REV: P.9

LOC	DIST	REVISIONS			
P	LTN	DESCRIPTION	DATE	DMN	APVD
-	-	SEE SHEET 1	-	-	-

PART NUMBER	ROWS	POWER		SIGNAL						POWER			
		P1	P2	1	2	3	4	5	6	P3	P4	P5	P6
3-6450330-5	D	PM	PM	J	J	J	E	J	J	PM	PM	PM	PM
	C			K	K	K	K	K					
	B			N	N	N	G	N	N				
	A			S	S	S	S	S	S				
2P + 24S + 4P													

(N6)

PART NUMBER	ROWS	POWER			SIGNAL				POWER			
		P1	P2	P3	1	2	3	4	P4	P5	P6	
6-6450330-1	D	PM	PM	PM	J	J	J	J	PM	PM	PM	
	C				K	K	K	F				
	B				G	N	N	N				
	A				S	S	S	S				
3P + 16S + 3P												



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 ±.7°	FINISH	DMN: R. GRZYBOWSKI 28FEB05 CHK: M. PERCHERKE 28FEB05 APVD: M. PERCHERKE NAME: - PRODUCT SPEC: 108-1973 APPLICATION SPEC: 114-13038 WEIGHT: - CUSTOMER DRAWING	STE TE Connectivity
MATERIAL		SIZE: A100779	DRAWING NO: C=6450330	RESTRICTED TO: -
SCALE: 1:1		SHEET 16 OF 19		REV: P.9



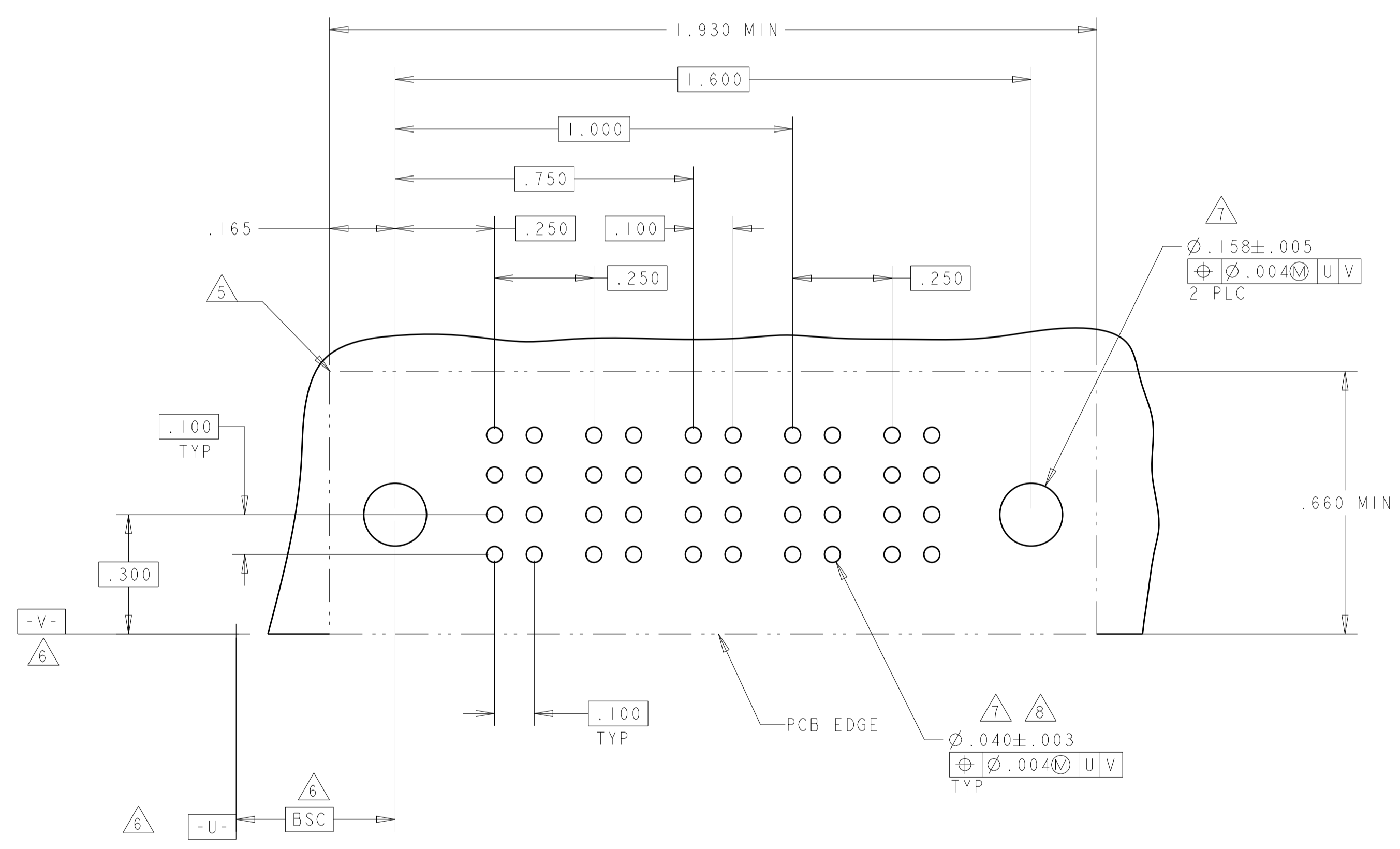
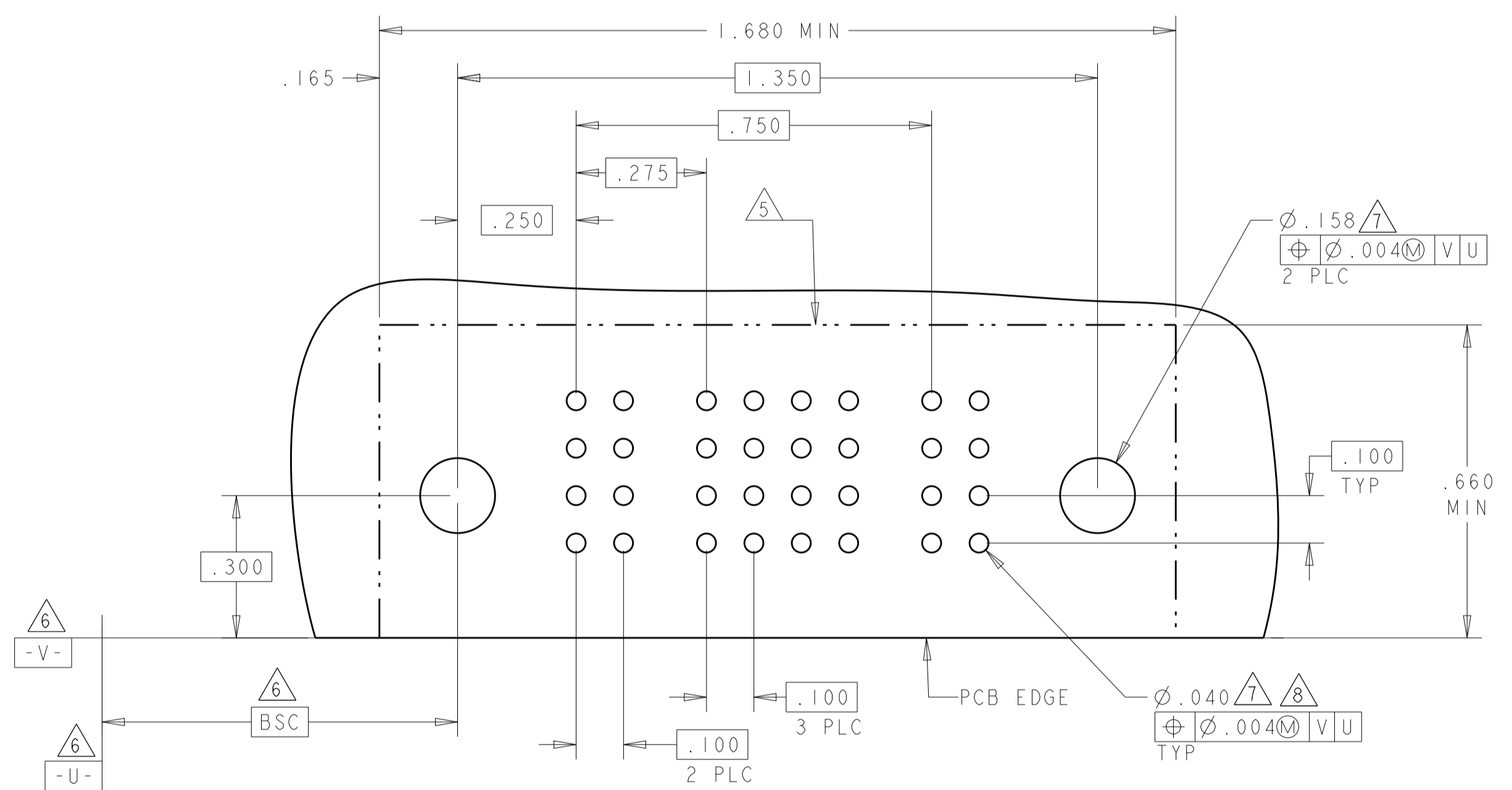
LOC		DIST		REVISIONS			
ES	00	P	LTN	DESCRIPTION	DATE	DMN	APVD
		-		SEE SHEET 1			

N8

PART NUMBER	ROWS	POWER		SIGNAL				POWER	
		P1	P2	1	2	3	4	P1	P2
6-6450330-3	D	PM	PM	J	J	J	J	PM	PM
	C			K	K	K	K		
	B			N	N	N	N		
	A			S	S	S	S		
IP + 16S + IP									

N9

PART NUMBER	ROWS	POWER		SIGNAL		POWER	
		P1	P2	1	2	P3	P4
6-6450330-4	D	PM	PM	J	J	PM	PM
	C			K	K		
	B			N	N		
	A			FS	S		
2P + 8S + 2P							



THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:	TOLERANCES UNLESS OTHERWISE SPECIFIED:	OWN: R. GRZYBOWSKI	28FEB05
INCHES	0 PLC ±.01	CHK: M. PERCHERKE	28FEB05
	1 PLC ±.01	APVD: M. PERCHERKE	
	2 PLC ±.01	NAME:	
	3 PLC ±.005	PRODUCT SPEC:	
	4 PLC ±.0020	APPLICATION SPEC:	
	ANGLES ±.020	SIZE:	
MATERIAL:	FINISH:	114-13038	
		WEIGHT:	
		CUSTOMER DRAWING	

TE Connectivity

RIGHT ANGLE HEADER ASSEMBLY  
SOLDER TAILS, W/GUIDES  
MULTI-BEAM XL

SCALE: 1:1 SHEET 17 OF 19 REV: P.9

LOC	DIST	REVISIONS					
ES	00	P	LTN	DESCRIPTION	DATE	DMN	APVD
		-		SEE SHEET 1			

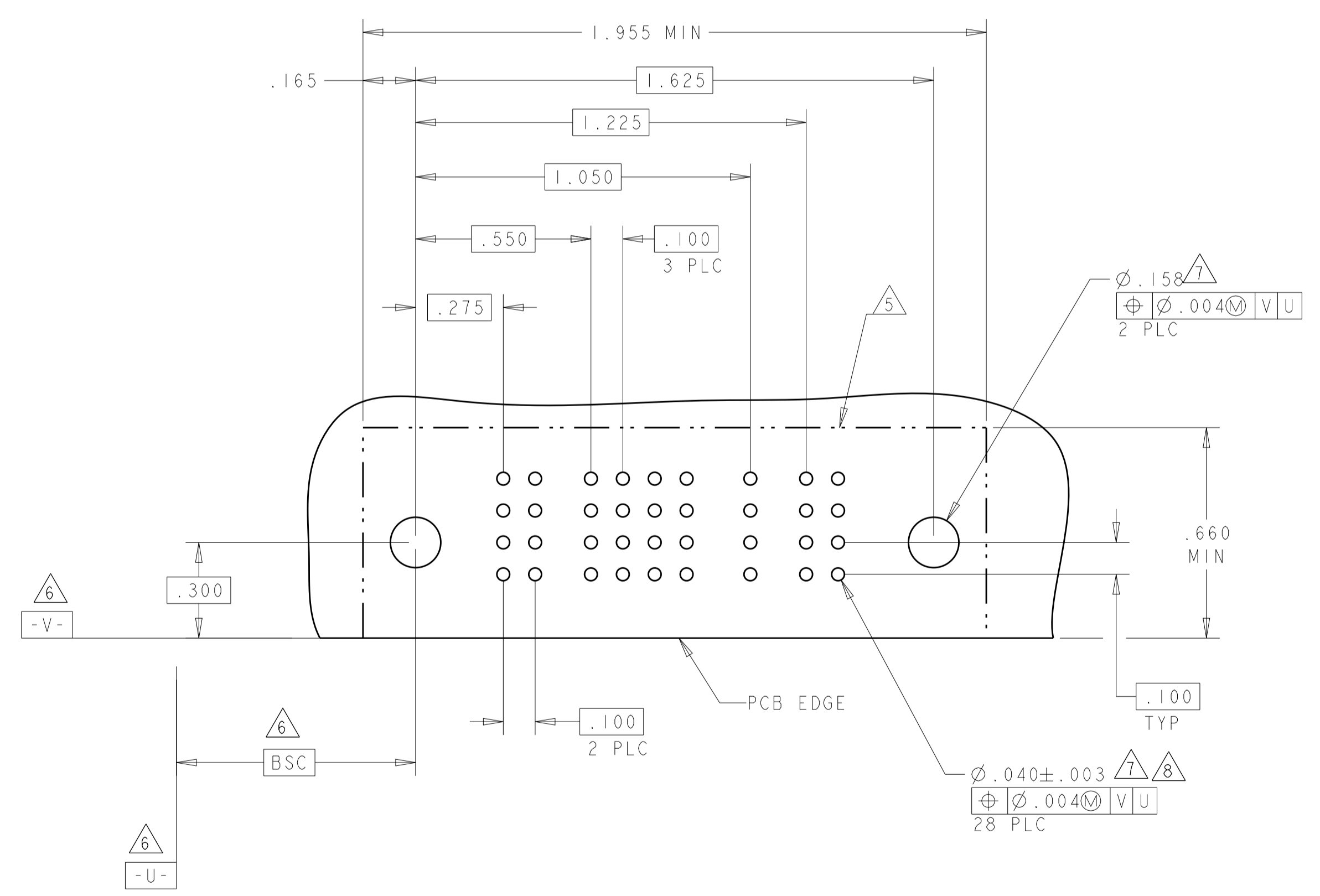
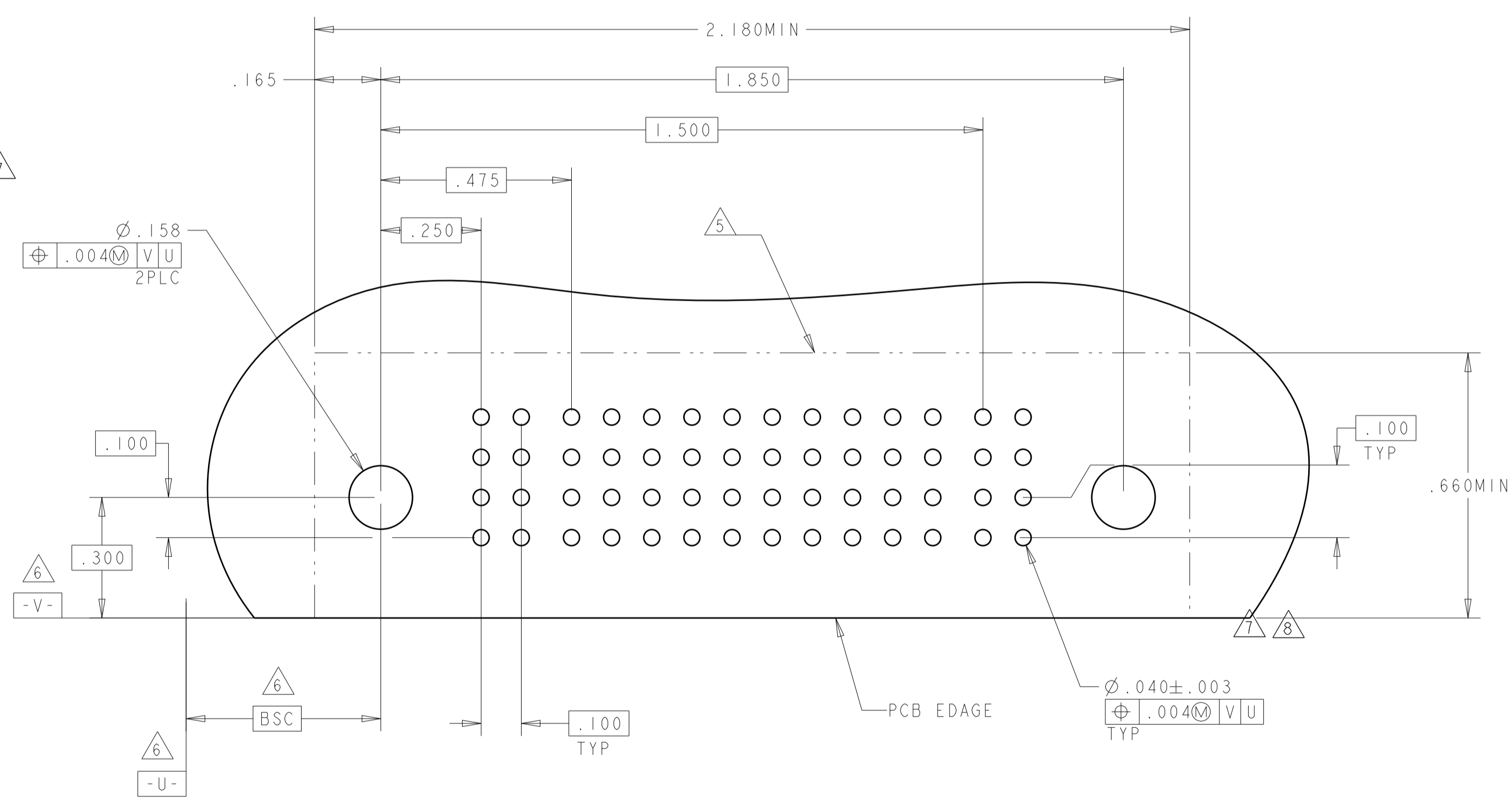
PART NUMBER	ROWS	POWER		SIGNAL										POWER			
		P1	P2	1	2	3	4	5	6	7	8	9	10	P1	P2		
6-6450330-5	D C B A	PM	PM	J	J	J	J	J	J	J	J	J	J	J	J	PM	PM
				K	K	K	F	K	K	K	K	K	K	K	K		
				N	N	N	N	N	N	N	N	N	N	N	N		
IP + 40S + IP				S	S	S	S	S	S	S	S	S	S				

PART NUMBER	ROWS	POWER		SIGNAL						POWER			
		P1	P2	1	2	3	4	5	6	P1	P2		
6-6450330-6	D C B A	PM	PM	J	J	J	J	J	J	J	J	PM	PM
				K	K	K	K	K	K	K	K		
				N	N	N	N	G	N	N	N		
IP + 24S + IP				S	S	S	S	S	S				

NO CONTACTS LOADED

PART NUMBER	ROWS	POWER		SIGNAL						POWER			
		P1	P2	1	2	3	4	5	6	P1	P2		
6-6450330-7	D C B A	PM	PM	J	J	J	J	J	J	J	J	PM	PM
				K	K	K	K	K	K	K	K		
				N	N	N	N	G	N	N	N		
IP + 24S + IP				S	S	S	S	S	S				

NO CONTACTS LOADED



THIS DRAWING IS A CONTROLLED DOCUMENT.		DMN: R. GRZYBOWSKI 28FEB05	TE Connectivity
DIMENSIONS: INCHES		CHK: M. PERCHERKE 28FEB05	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD: M. PERCHERKE	NAME: RIGHT ANGLE HEADER ASSEMBLY SOLDER TAILS, W/GUIDES MULTI-BEAM XL
0 PLC ±.01		PRODUCT SPEC: 108-1973	SIZE: 114-13038
2 PLC ±.01		APPLICATION SPEC: 114-13038	RESTRICTED TO: -
3 PLC ±.005		WEIGHT: -	SCALE: 1:1
4 PLC ±.0020		CAGE CODE: A100779	SHEET: 18 OF 19
ANGLES ±.0020		DRAWING NO: C=6450330	REV: P.9
FINISH: -		CUSTOMER DRAWING	

