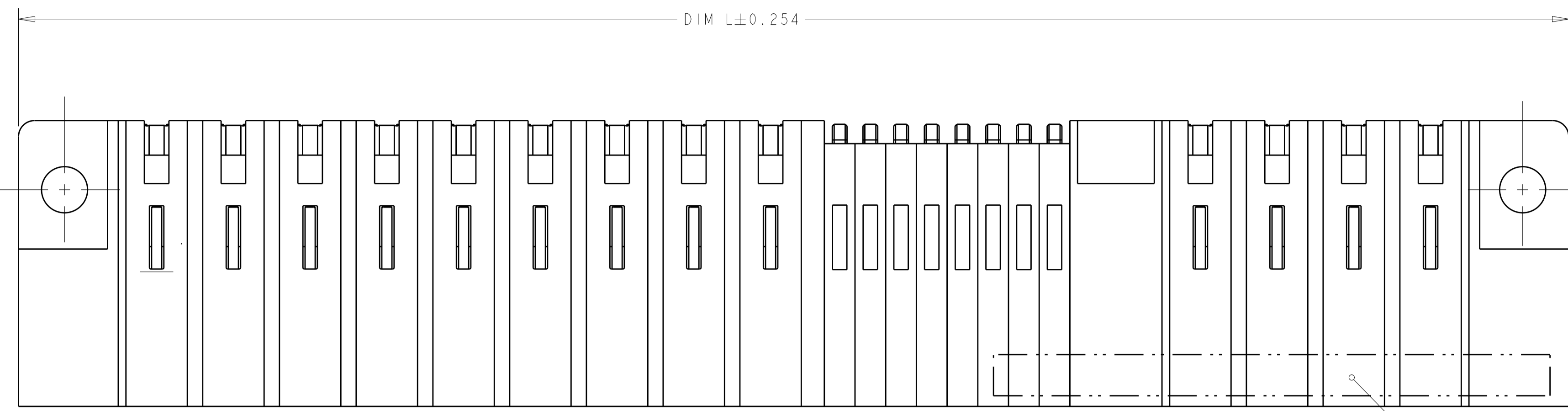
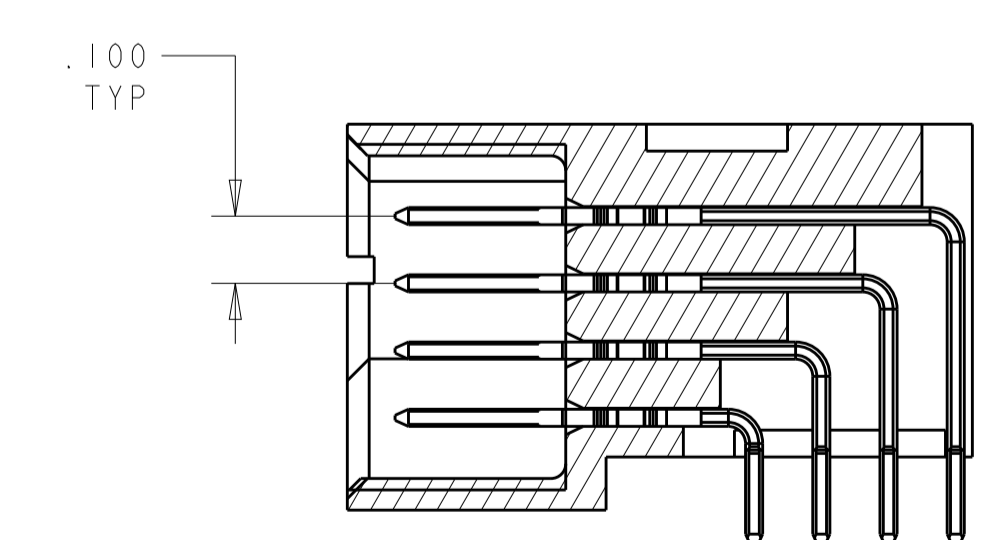
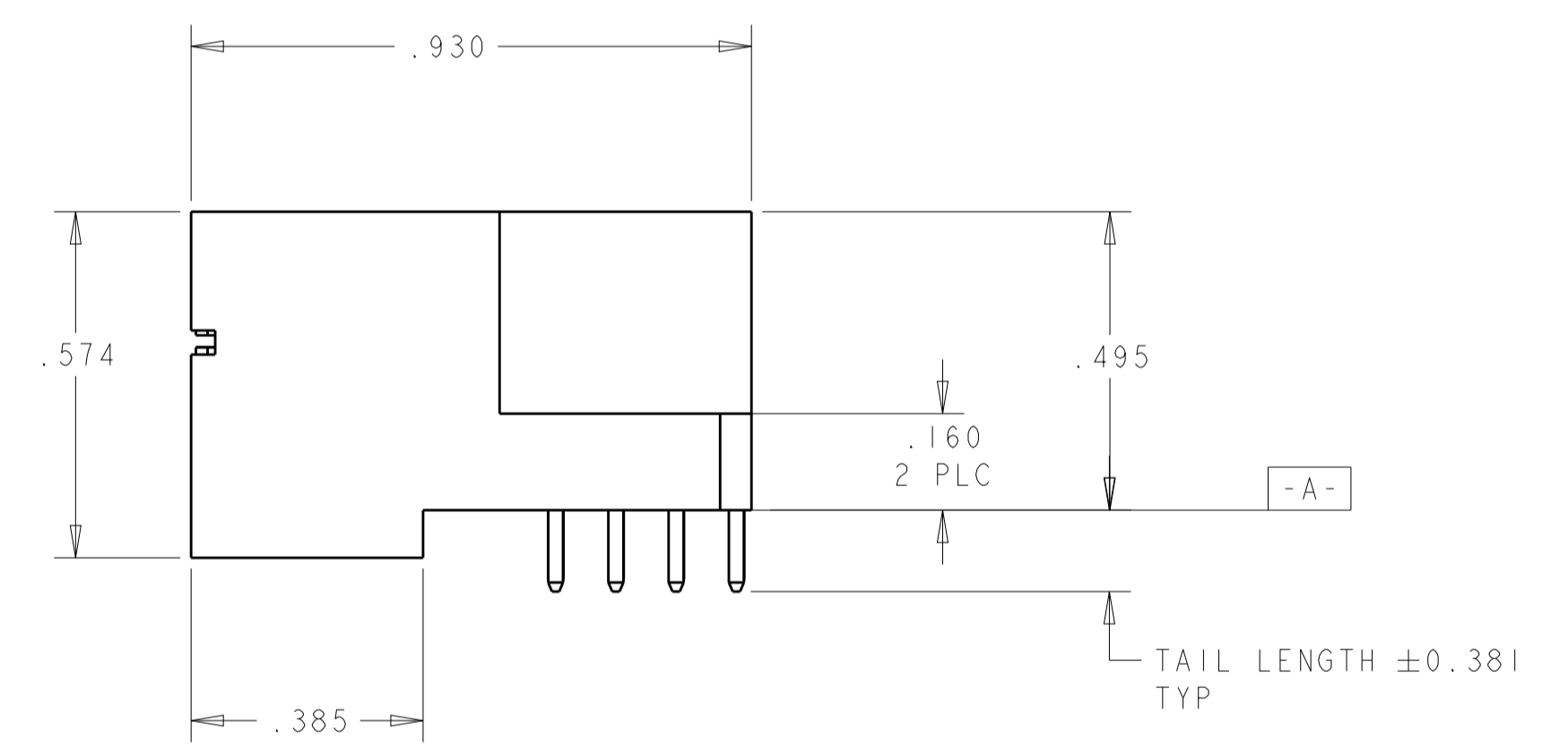
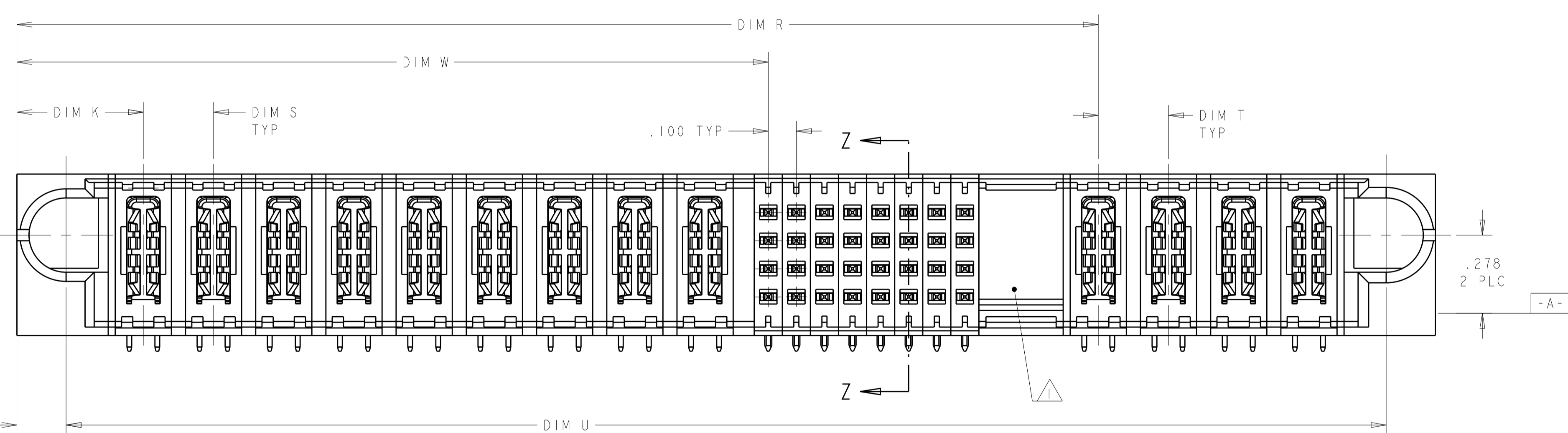


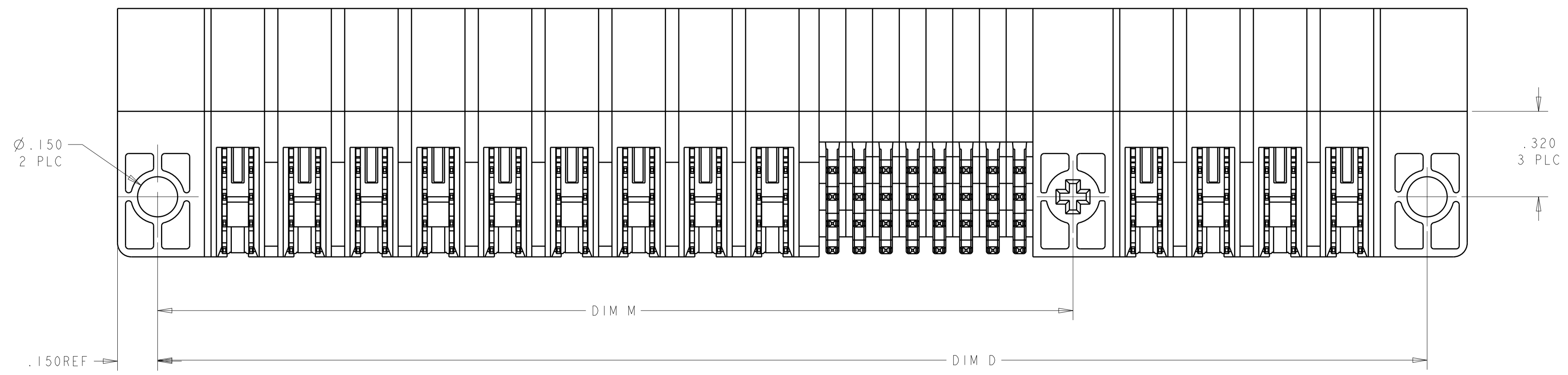
LOC	DIST	REVISIONS					
		P	LTH	DESCRIPTION	DATE	DMN	APVD
ES	00	P9		ADDED NEW DASH NUMBER -69	29JAN2013	ML	SZ



- 1 OPTIONAL CENTER MODULE WITH Ø.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±.0010 DRILLED HOLES PLATED WITH .0003 MIN Sn OVER .001 TO .003 Cu 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 28FEB05	28FEB05	 TE Connectivity
DIMENSIONS: INCHES		CHK M.PERCHEKKE 28FEB05	APVD M.PERCHEKKE	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME RIGHT ANGLE HEADER ASSEMBLY SOLDER TAILS, W/GUIDES MULTI-BEAM XL		SIZE A100779 CAGE CODE DRAWING NO 6450330 RESTRICTED TO -
0 PLC ±. 1 PLC ±.01 2 PLC ±.01 3 PLC ±.005 4 PLC ±.0020 ANGLES ±.0°		PRODUCT SPEC 108-1973 APPLICATION SPEC 114-13038 WEIGHT -		
MATERIAL		FINISH		SCALE 4:1 SHEET 1 OF 19 REV P.9 CUSTOMER DRAWING

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 + 1P + 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: 100779, SCALE: 1:1, SHEET 2 OF 19, REV: P9

TOLERANCES UNLESS OTHERWISE SPECIFIED:
 0 PLC ±.01
 1 PLC ±.01
 2 PLC ±.01
 3 PLC ±.005
 4 PLC ±.0020
 ANGLES ±.020

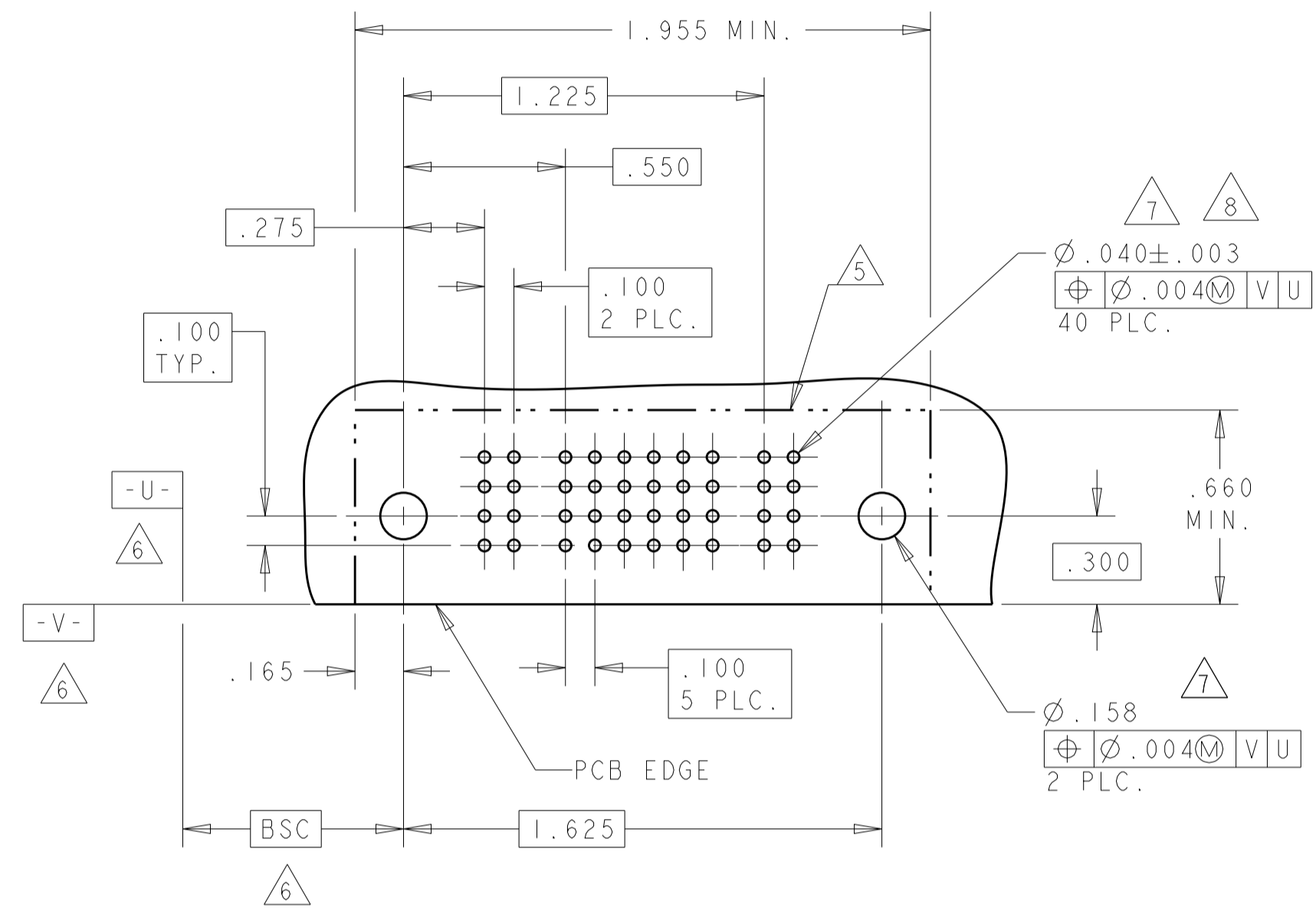
MATERIAL FINISH

CUSTOMER DRAWING

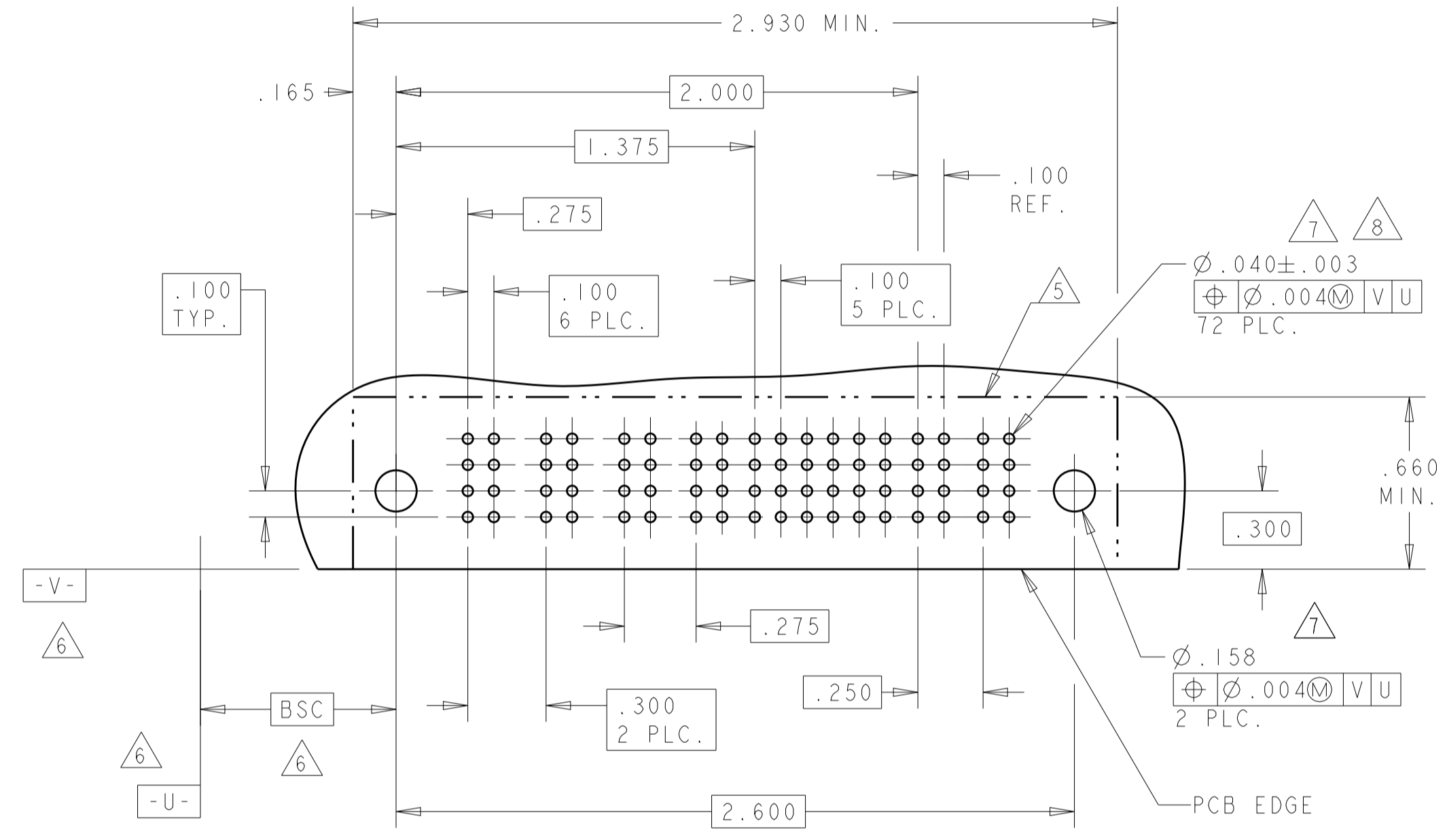
PART NUMBER	ROWS	SIGNAL						POWER	
		P1	1	2	3	4	5	6	P2
6450330-1	D C B A	J	J	J	J	J	J	PM	PM
		K	K	K	K	K	K		
		N	N	N	G	N	N		
		S	S	S	S	S	S		
IP + 24S + IP									

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									

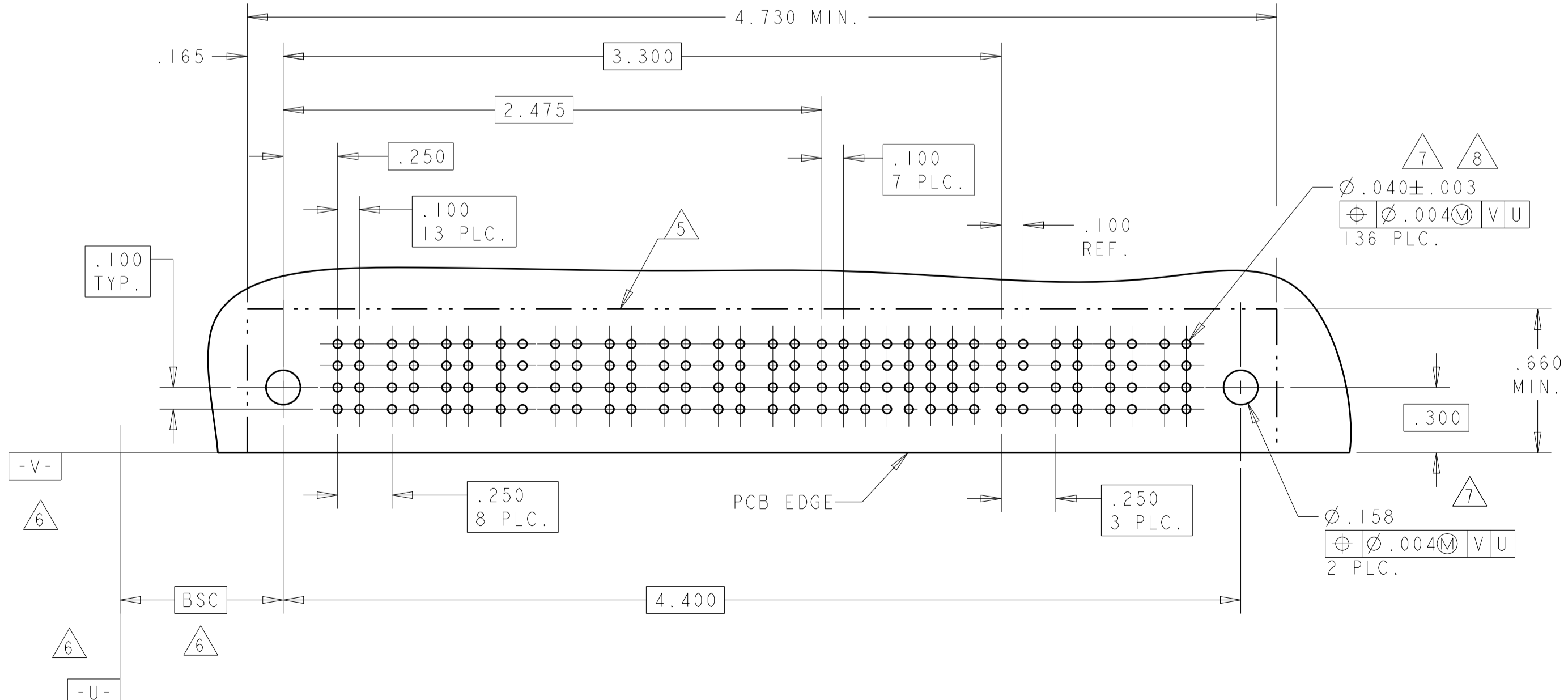
PART NUMBER	ROWS	POWER				SIGNAL						POWER	
		P1	P2	P3	P4	1	2	3	4	5	6	P5	P6
6450330-4	D C B A	PM	PM	PM	PM	E	J	J	J	J	E	PM	PM
						K	K	F	K	K	K		
						N	N	N	N	N	N		
						H	S	S	S	S	H		
3ACP + IP + 24S + 2P													



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



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	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

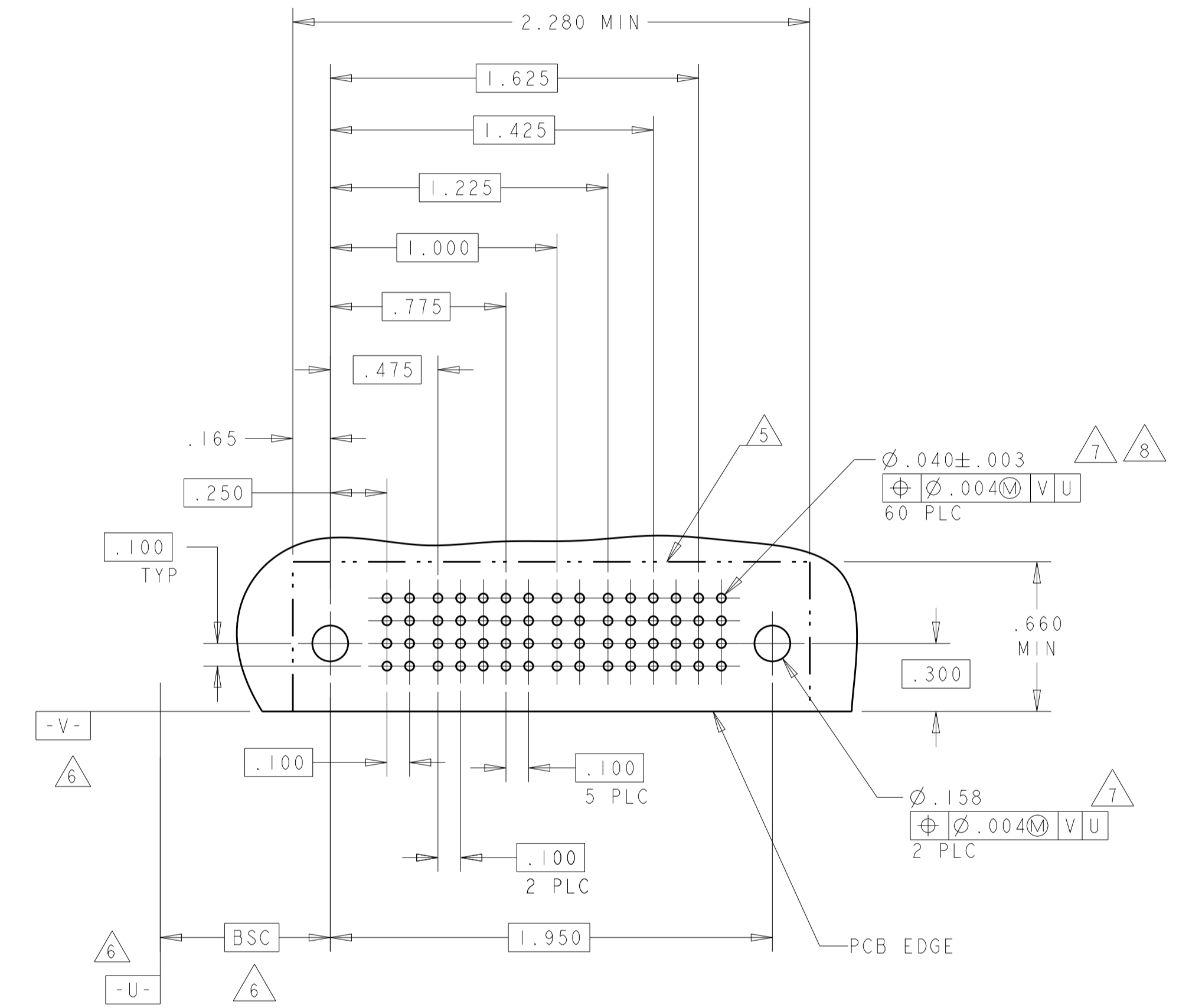
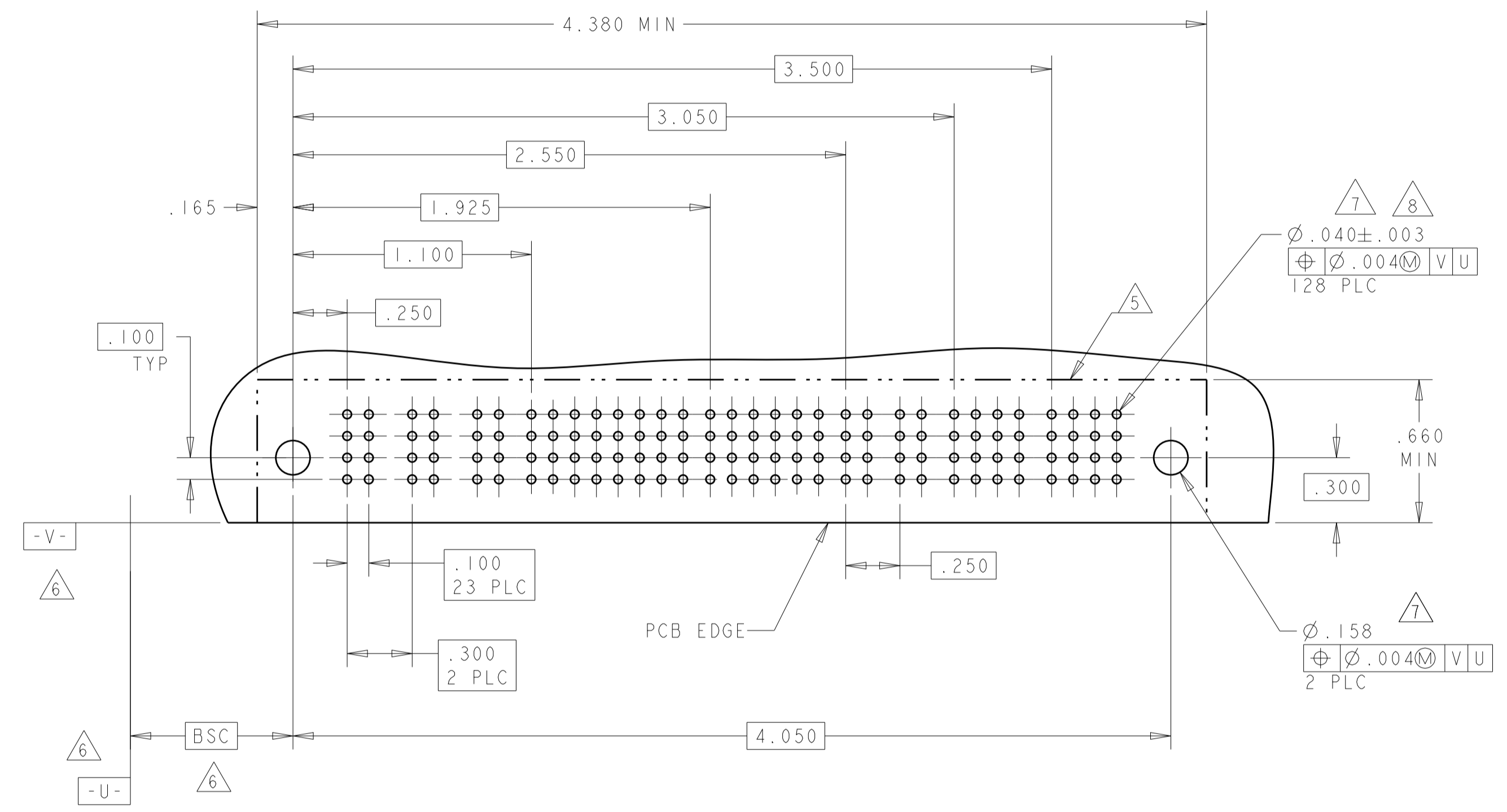
PA	.090
PM	.135
CODE	TAIL LENGTH
POWER CONTACT	

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	
0 PLC ± 1 PLC ±.01 2 PLC ±.01 3 PLC ±.005 4 PLC ±.002 ANGLES ±.020		PRODUCT SPEC 108-1973	NAME RIGHT ANGLE HEADER ASSEMBLY SOLDER TAILS, W/GUIDES MULTI-BEAM XL
MATERIAL FINISH		APPLICATION SPEC 114-13038	SIZE CAGE CODE DRAWING NO RESTRICTED TO A1 00779 ©=6450330
CUSTOMER DRAWING		WEIGHT	SCALE 1:1 SHEET 3 OF 19 REV P9

LOC	DIST	REVISIONS					
ES	00	P	LTH	DESCRIPTION	DATE	DMN	APVD
		-	-	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	PM	PM	J	J	J	PM	PM	PM	PM	PM
	K							K	K						
	N							N	N						
	S							S	S						
1P + 12S + 5P															

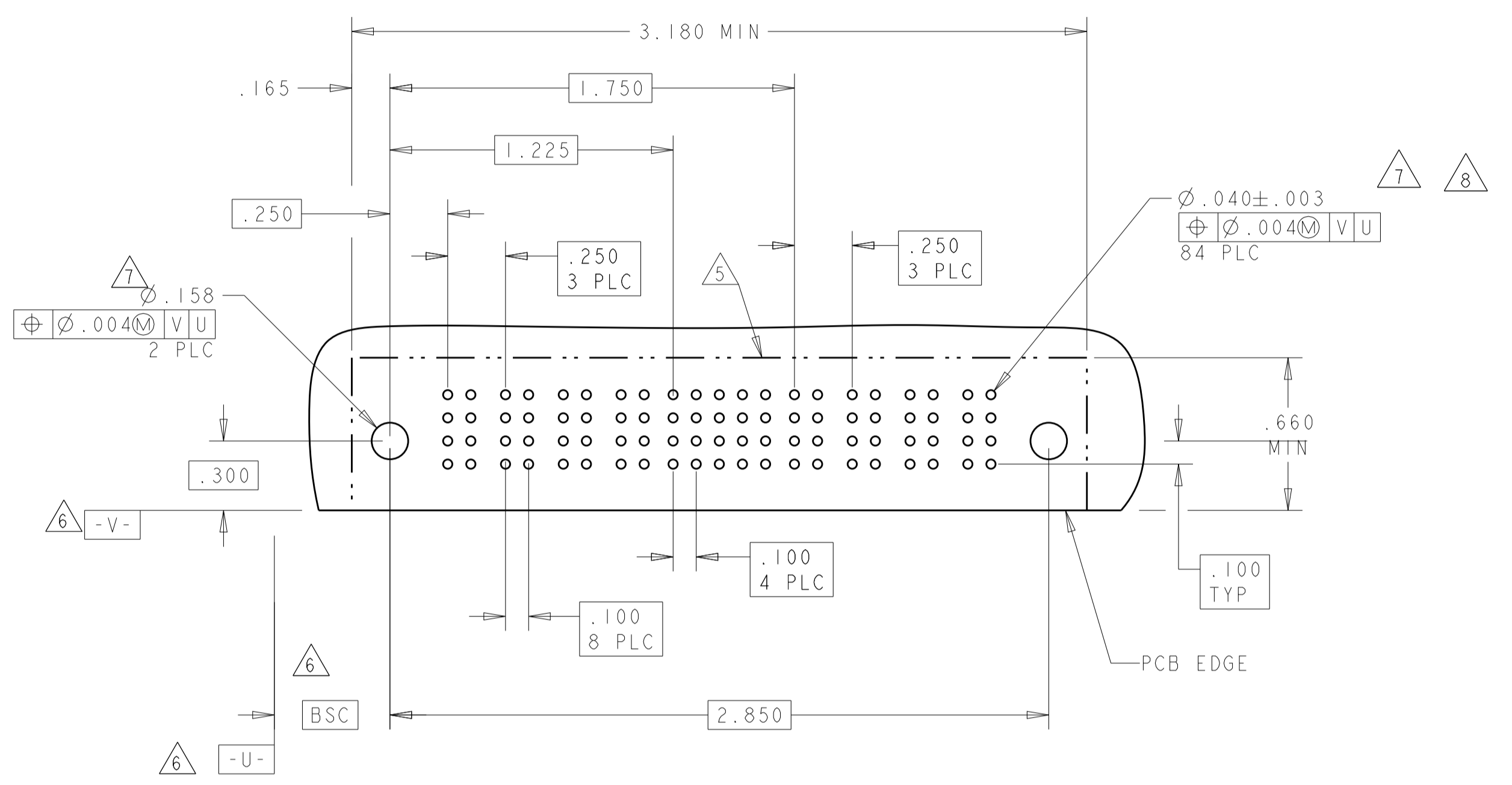
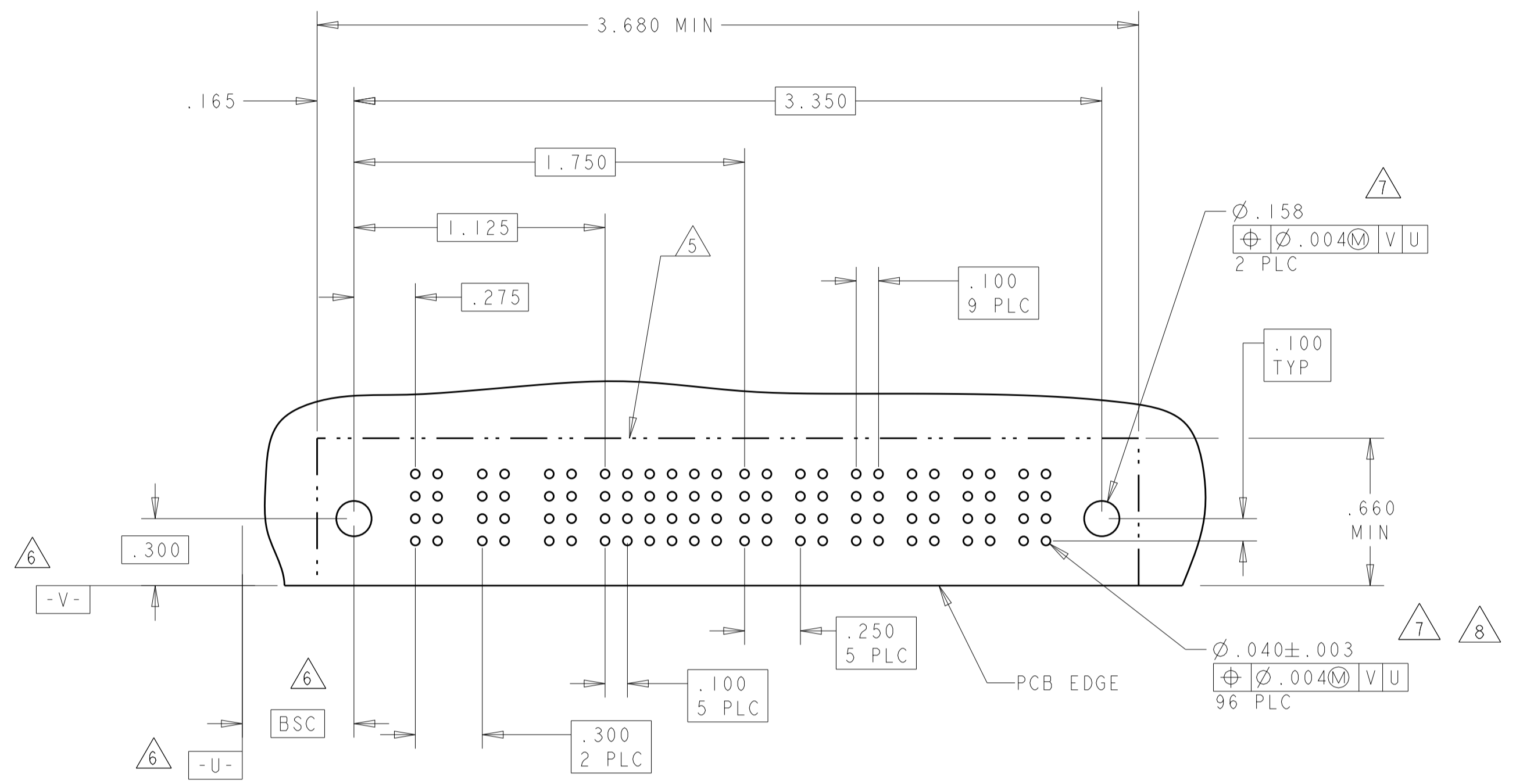


THIS DRAWING IS A CONTROLLED DOCUMENT.		DMN R. GRZYBOWSKI 28FEB05	 TE Connectivity
DIMENSIONS: INCHES		CHK M. PERCHERKE 28FEB05	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD M. PERCHERKE	NAME
0 PLC ± .01		PRODUCT SPEC	RIGHT ANGLE HEADER ASSEMBLY
1 PLC ± .01		APPLICATION SPEC	SOLDER TAILS, W/GUIDES
2 PLC ± .005		WEIGHT	MULTI-BEAM XL
3 PLC ± .002		SCALE	RESTRICTED TO
4 PLC ± .0020		SIZE	A1
ANGLES ± .020		CAGE CODE	100779
FINISH		DRAWING NO	6450330
MATERIAL		CUSTOMER DRAWING	REV P.9

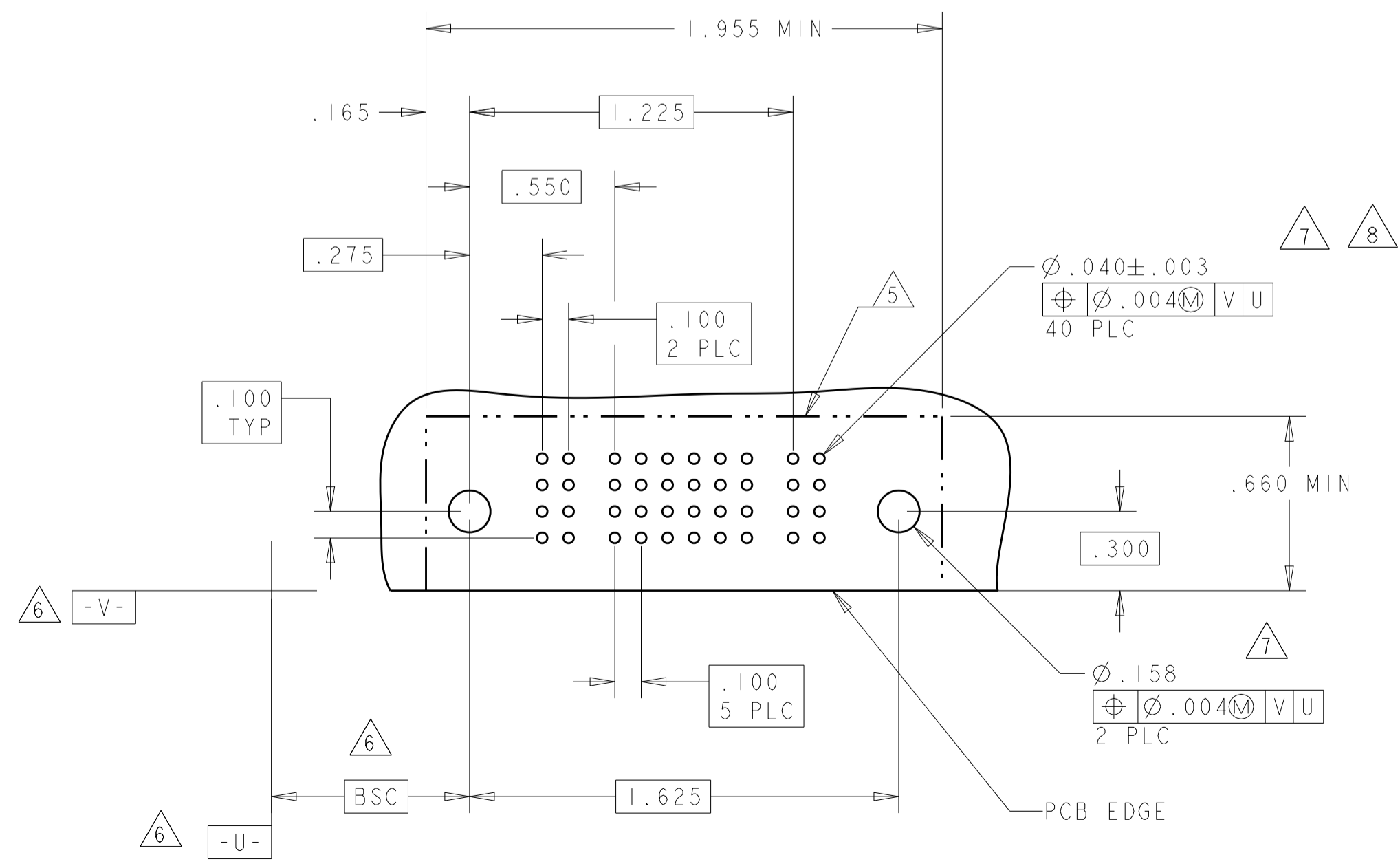
LOC	DIST	REVISIONS			
P	LTN	DESCRIPTION	DATE	DMN	APVD
ES	00	SEE SHEET 1			

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					
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													

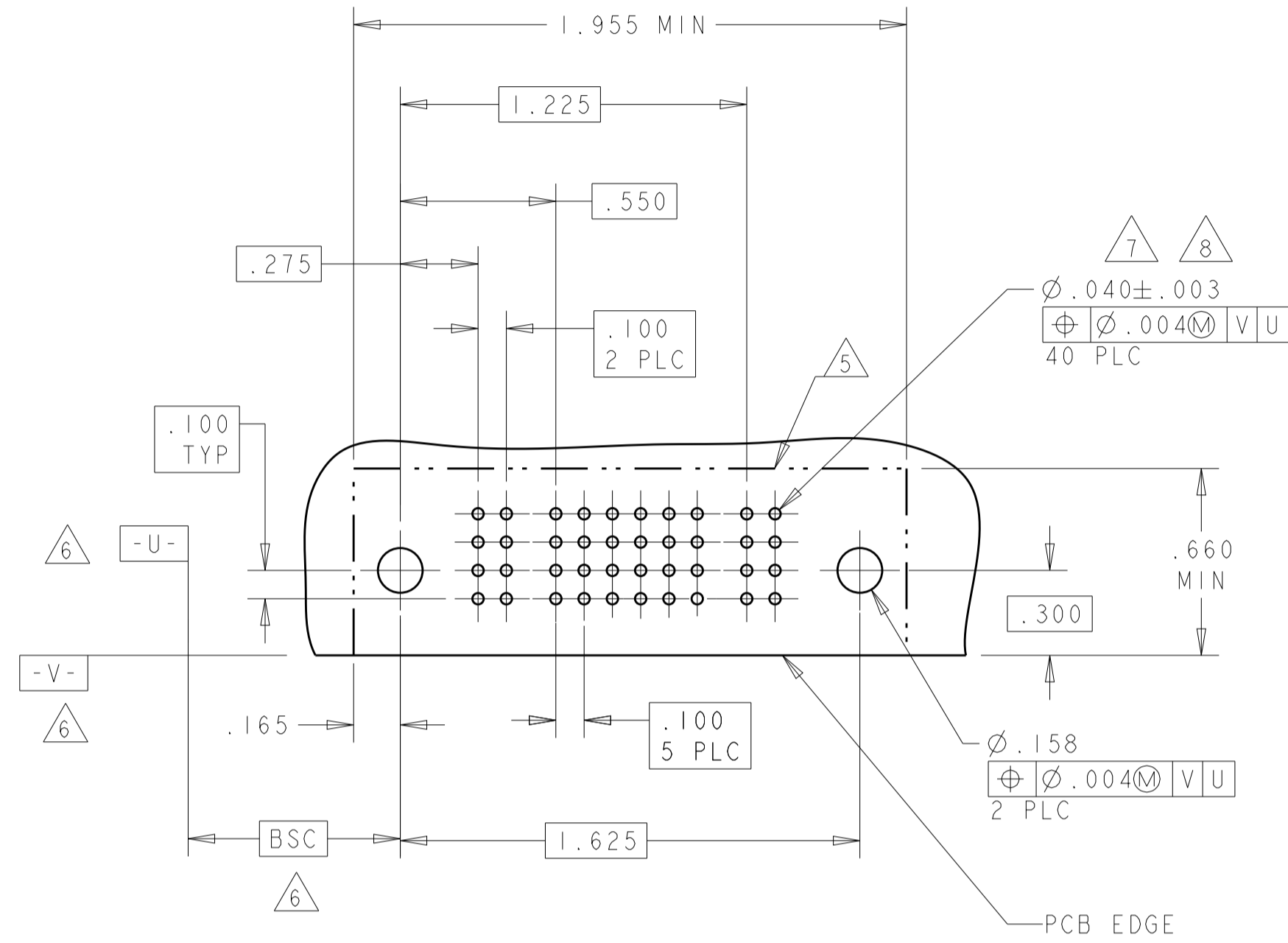
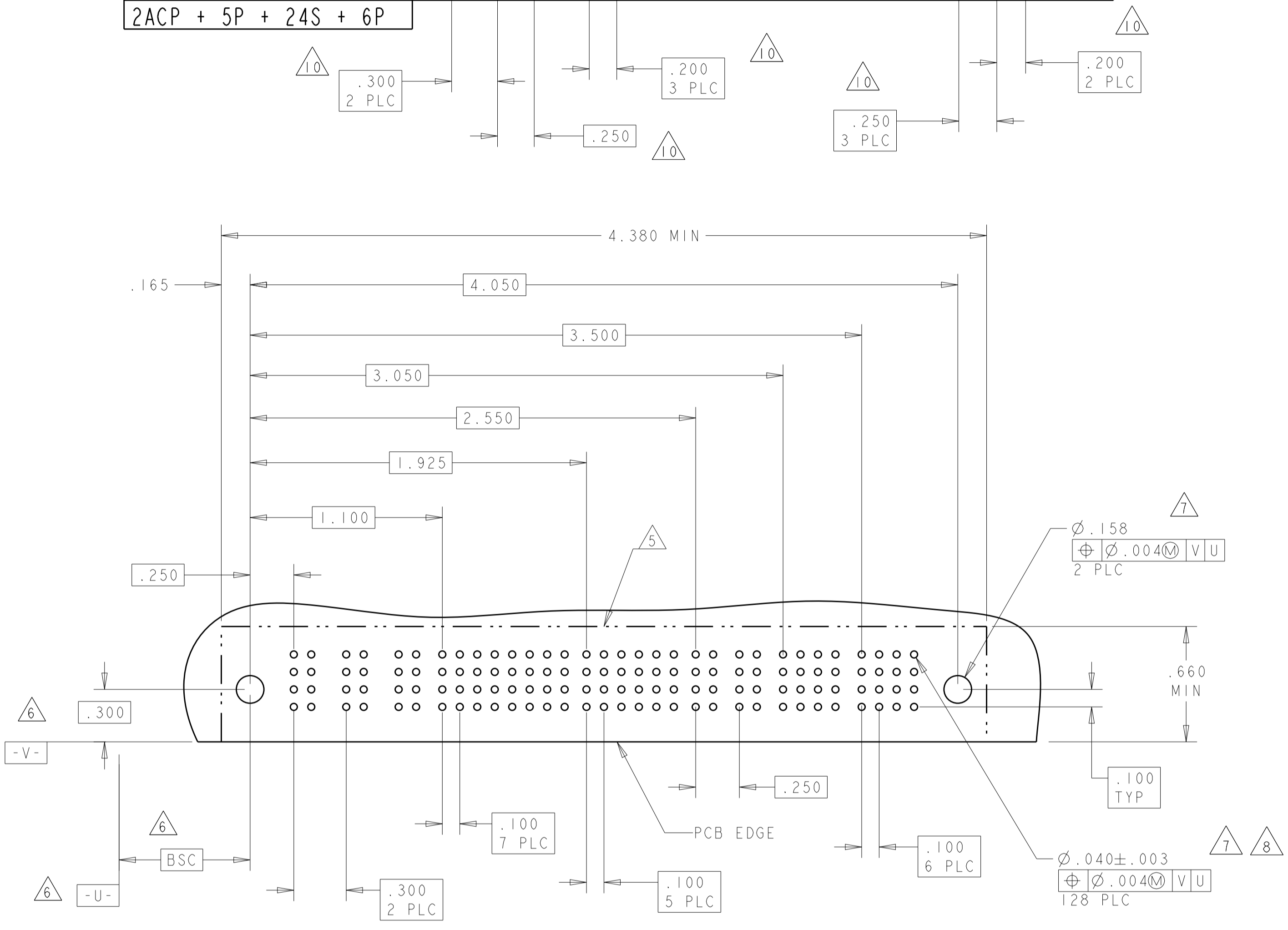


THIS DRAWING IS A CONTROLLED DOCUMENT.		DMN: R. GRZYBOWSKI 28FEB05	TE Connectivity
DIMENSIONS: INCHES		CHK: M. PERCHERKE 28FEB05	
DIMENSIONS: INCHES 0 PLC ±. 1 PLC ±.01 2 PLC ±.01 3 PLC ±.005 4 PLC ±.002 ANGLES ±.2°		TOLERANCES UNLESS OTHERWISE SPECIFIED: APVD: M. PERCHERKE PRODUCT SPEC: 108-1973 APPLICATION SPEC: 114-13038 WEIGHT: - FINISH: -	
MATERIAL:		NAME: RIGHT ANGLE HEADER ASSEMBLY SOLDER TAILS, W/GUIDES MULTI-BEAM XL SIZE: 114-13038 CAGE CODE: A100779 DRAWING NO: C=6450330 CUSTOMER DRAWING	RESTRICTED TO: - SCALE: 1:1 SHEET: 5 OF 19 REV: P.9

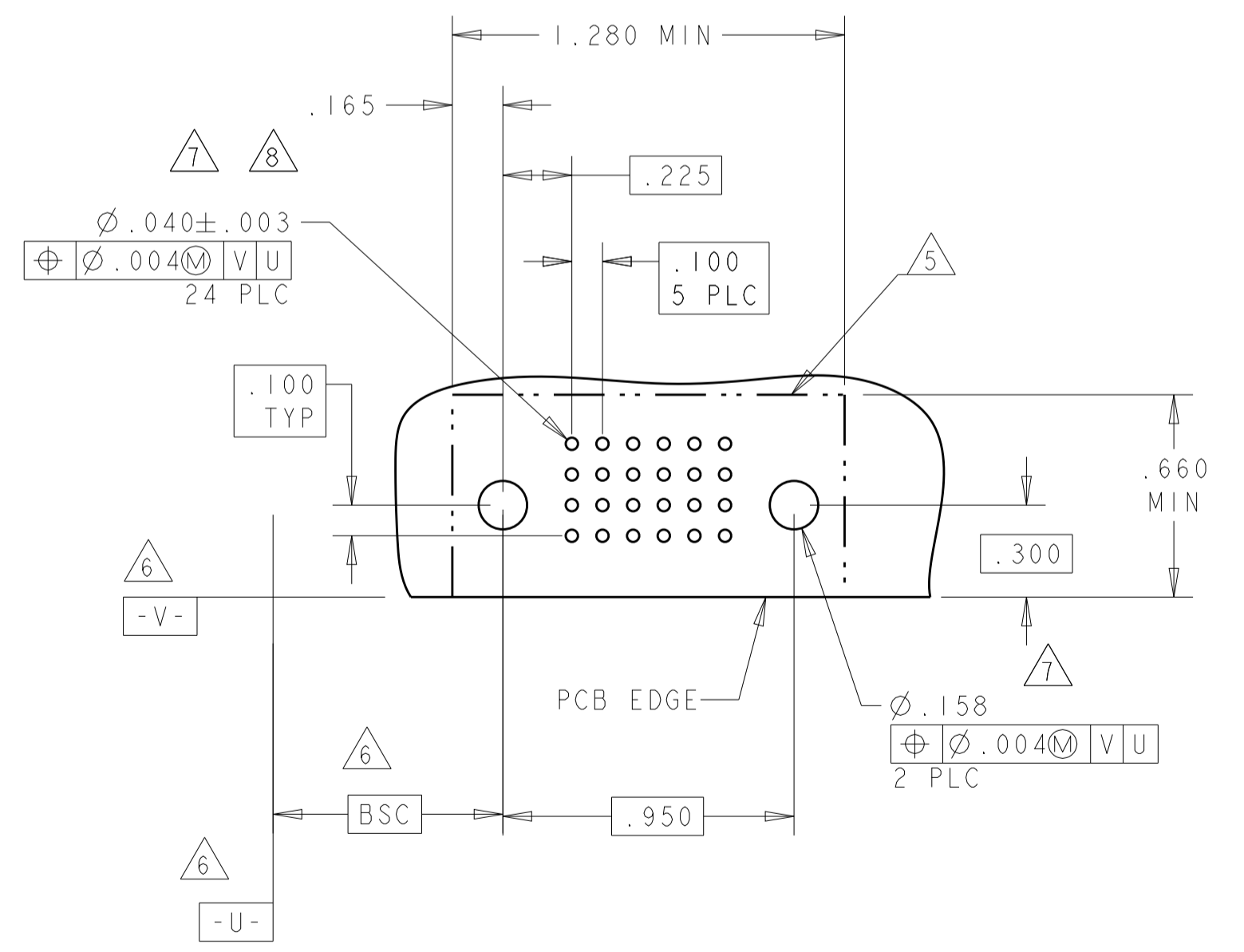
LOC	DIST	REVISIONS			
P	LTN	DESCRIPTION	DATE	DMN	APVD
ES	00	SEE SHEET 1			

PART NUMBER	ROWS	POWER						SIGNAL						POWER					
		P1	P2	P3	P4	P5	P6	P7	1	2	3	4	5	6	P8	P9	P10	P11	P12
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. DMN: R. GRZYBOWSKI 28FEB05
 CHK: M. PERCHERKE 28FEB05
 APVD: M. PERCHERKE

DIMENSIONS: INCHES
 TOLERANCES UNLESS OTHERWISE SPECIFIED:
 0 PLC ±.01
 1 PLC ±.01
 2 PLC ±.01
 3 PLC ±.005
 4 PLC ±.005
 ANGLES ±.0020

MATERIAL: FINISH: *

NAME: RIGHT ANGLE HEADER ASSEMBLY SOLDER TAILS, W/GUIDES MULTI-BEAM XL
 PRODUCT SPEC: 108-1973
 APPLICATION SPEC: 114-13038
 WEIGHT: -

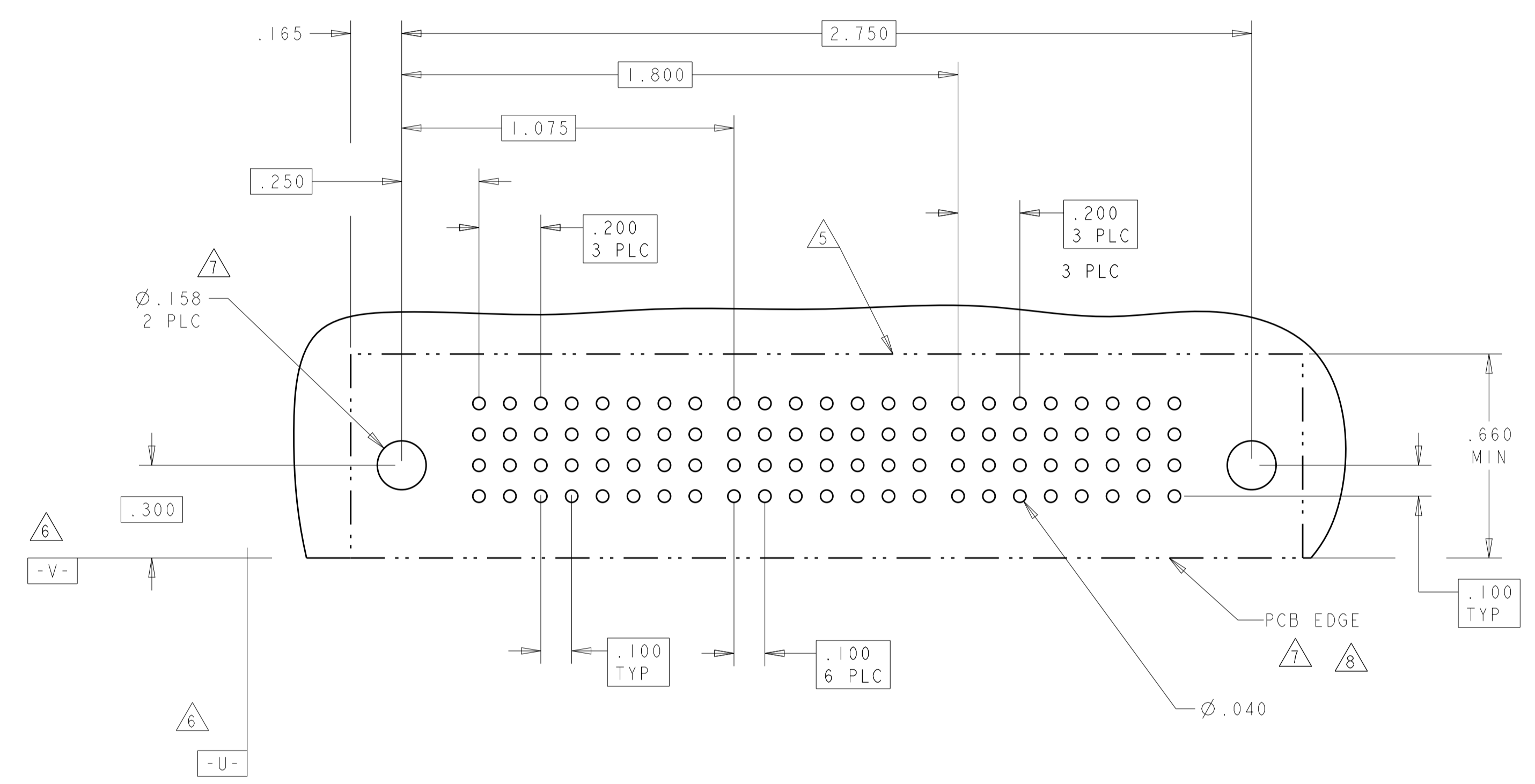
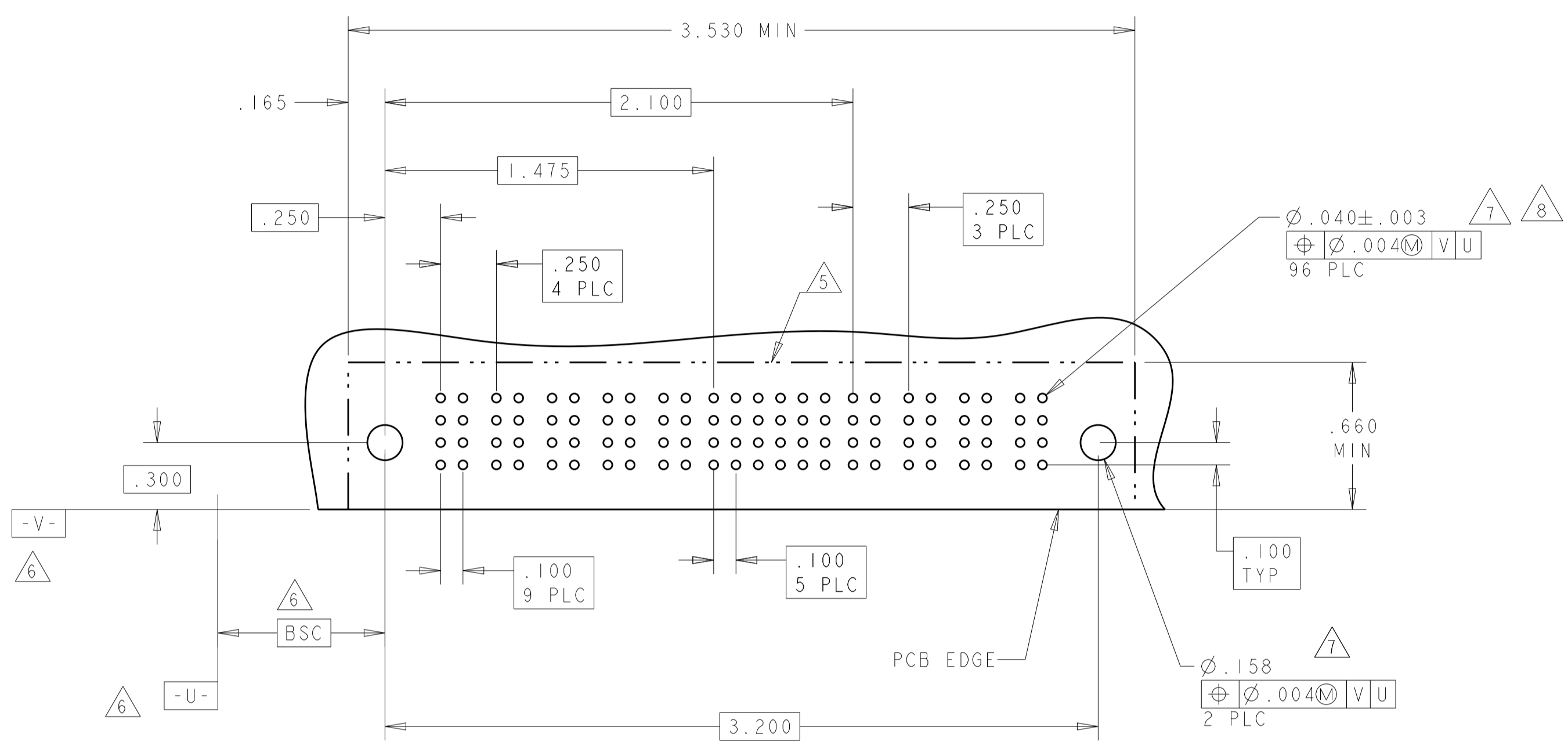
SCALE: 1:1 SHEET 6 OF 19 REV: P.9

CUSTOMER DRAWING

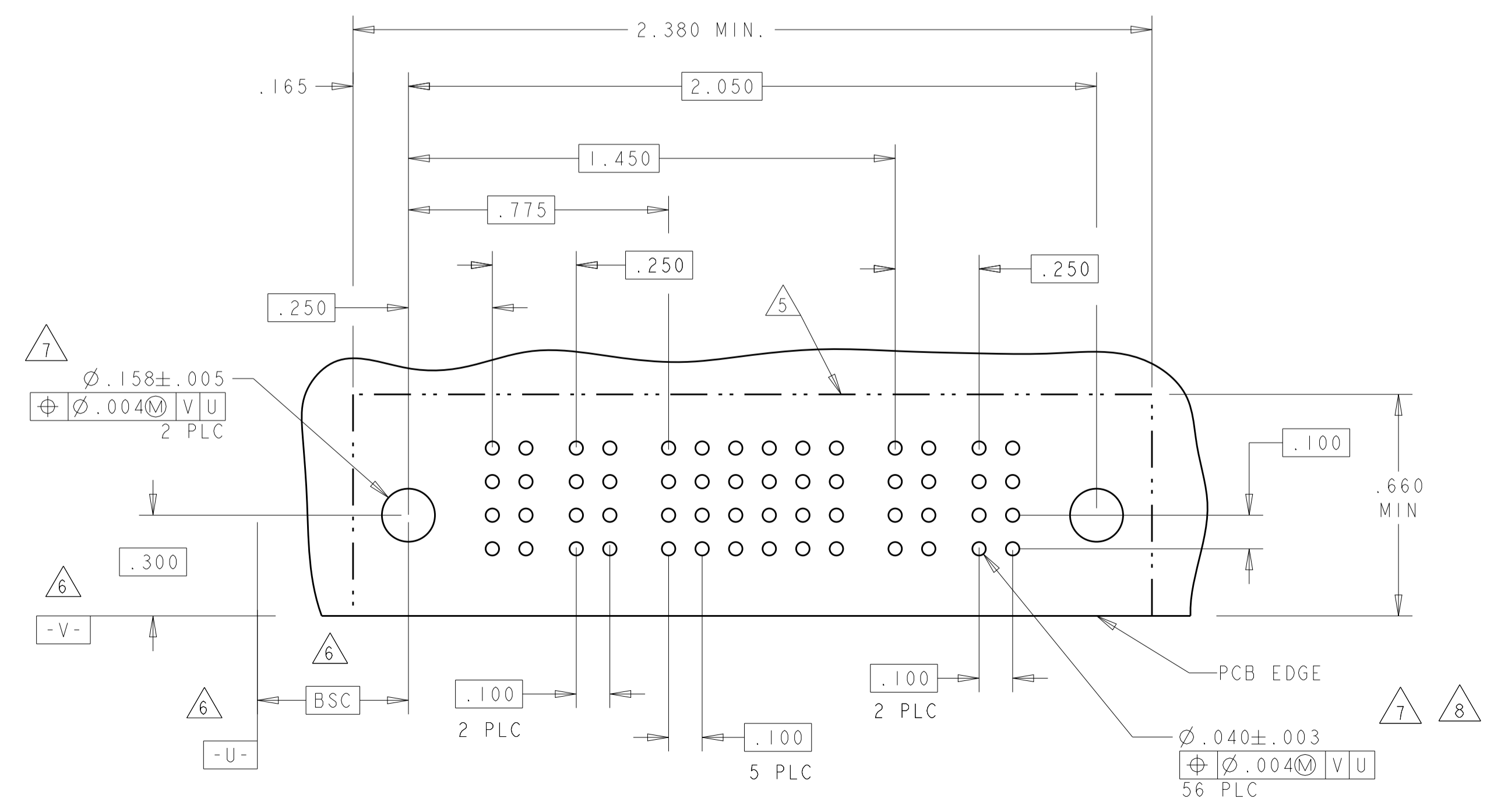
LOC	DIST	REVISIONS			
P	LTN	DESCRIPTION	DATE	DMN	APVD
ES	00	SEE SHEET 1	-	-	-

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	Z	Z	Z	Z	Z	Z	PA	PA	PA	PA	
						Y	Y	Y	Y	Y	Y					
						R	R	R	R	R	R					
						A1	A1	A1	A1	O	O					
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				
						N	N	N	G	N	N	N				
						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		
				N	N	G	N	N	N		
				S	S	S	S	S	S		
2P + 24S + 2P											



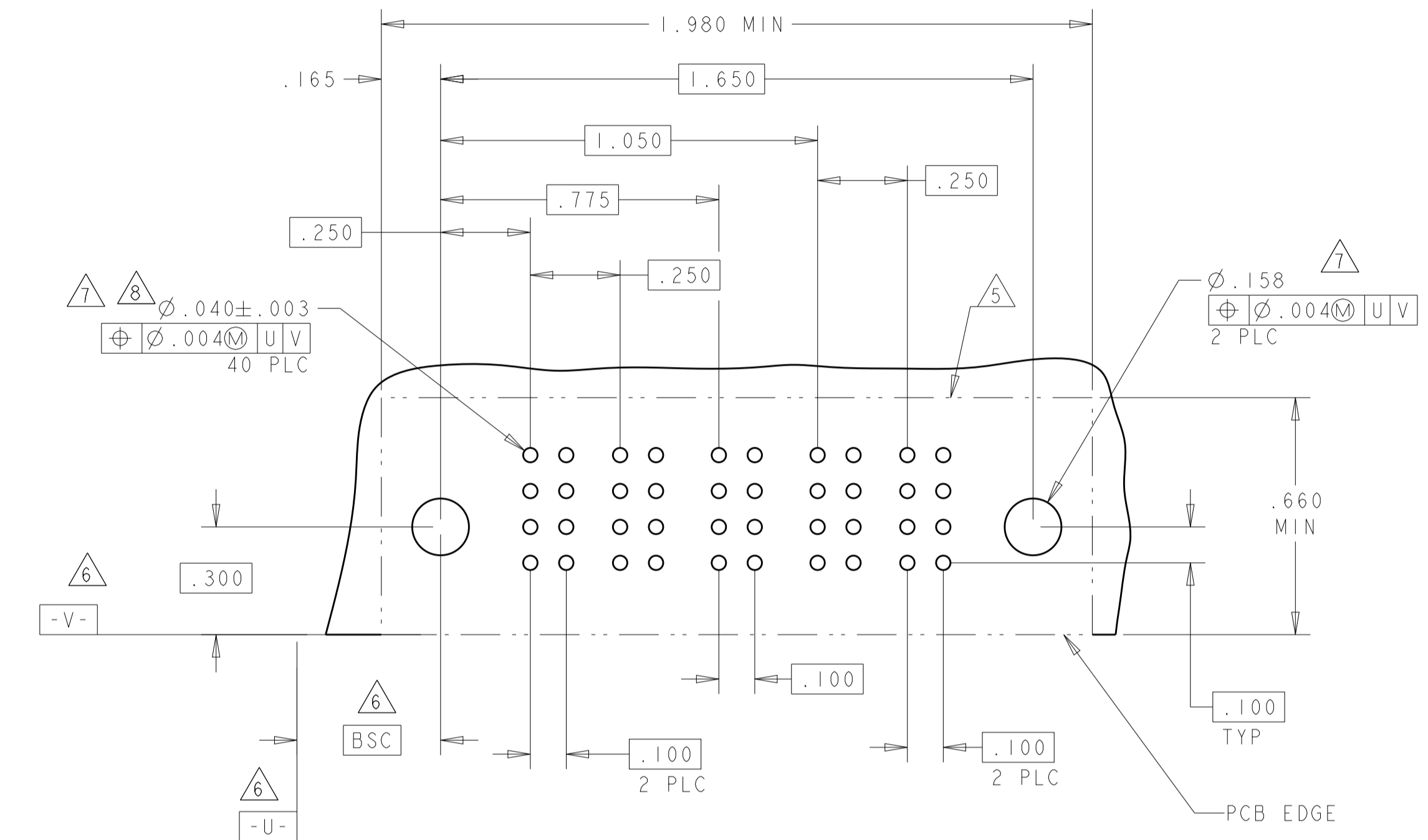
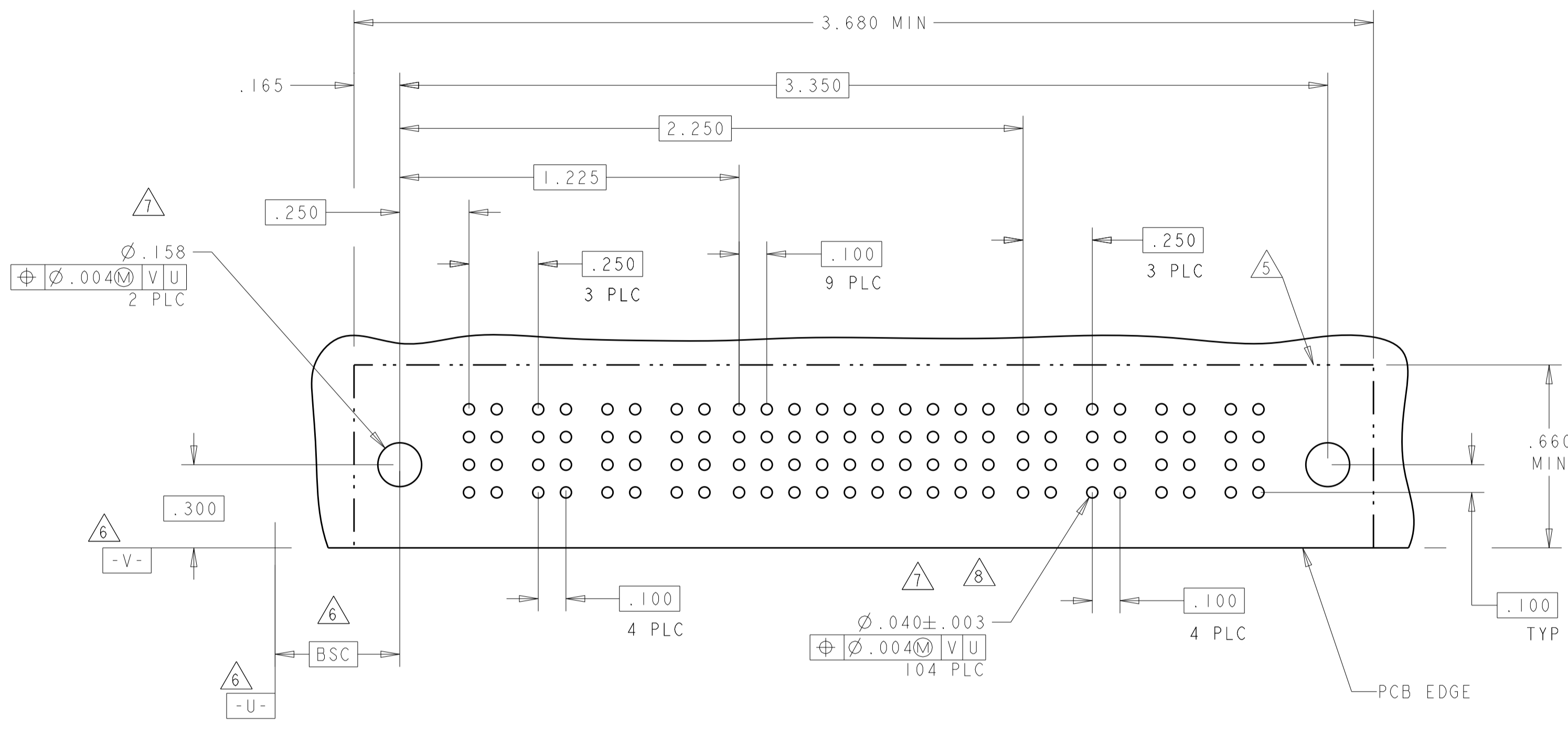
THIS DRAWING IS A CONTROLLED DOCUMENT. **STE** TE Connectivity

DIMENSIONS: INCHES	TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±.01 1 PLC ±.01 2 PLC ±.01 3 PLC ±.005 4 PLC ±.002 ANGLES ±.2°	OWN: 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 7 OF 19 REV: P.9
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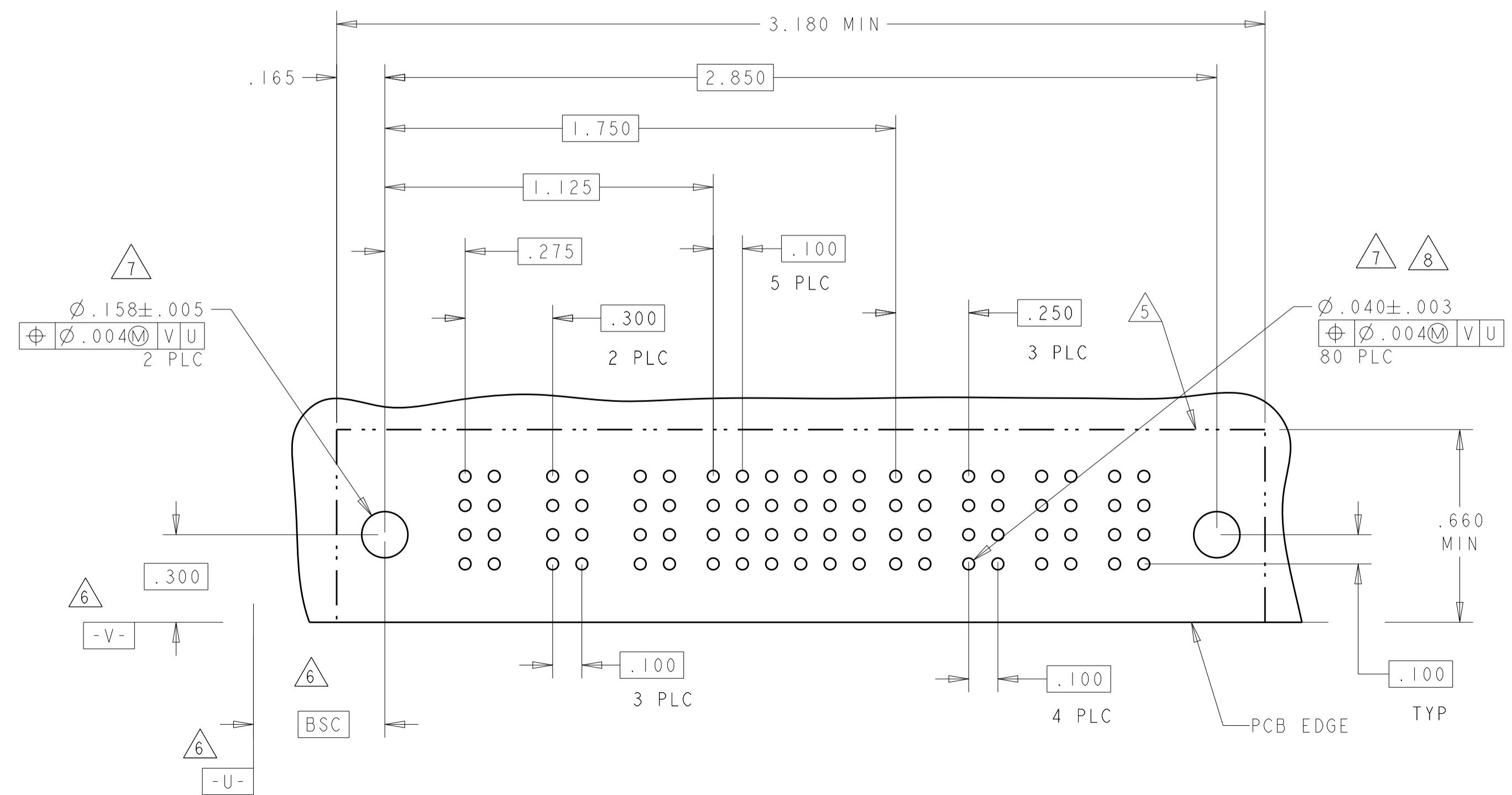
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P	LTN	DATE	DMN	APVD	DESCRIPTION		
-	-	-	-	-	SEE SHEET 1		-

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																

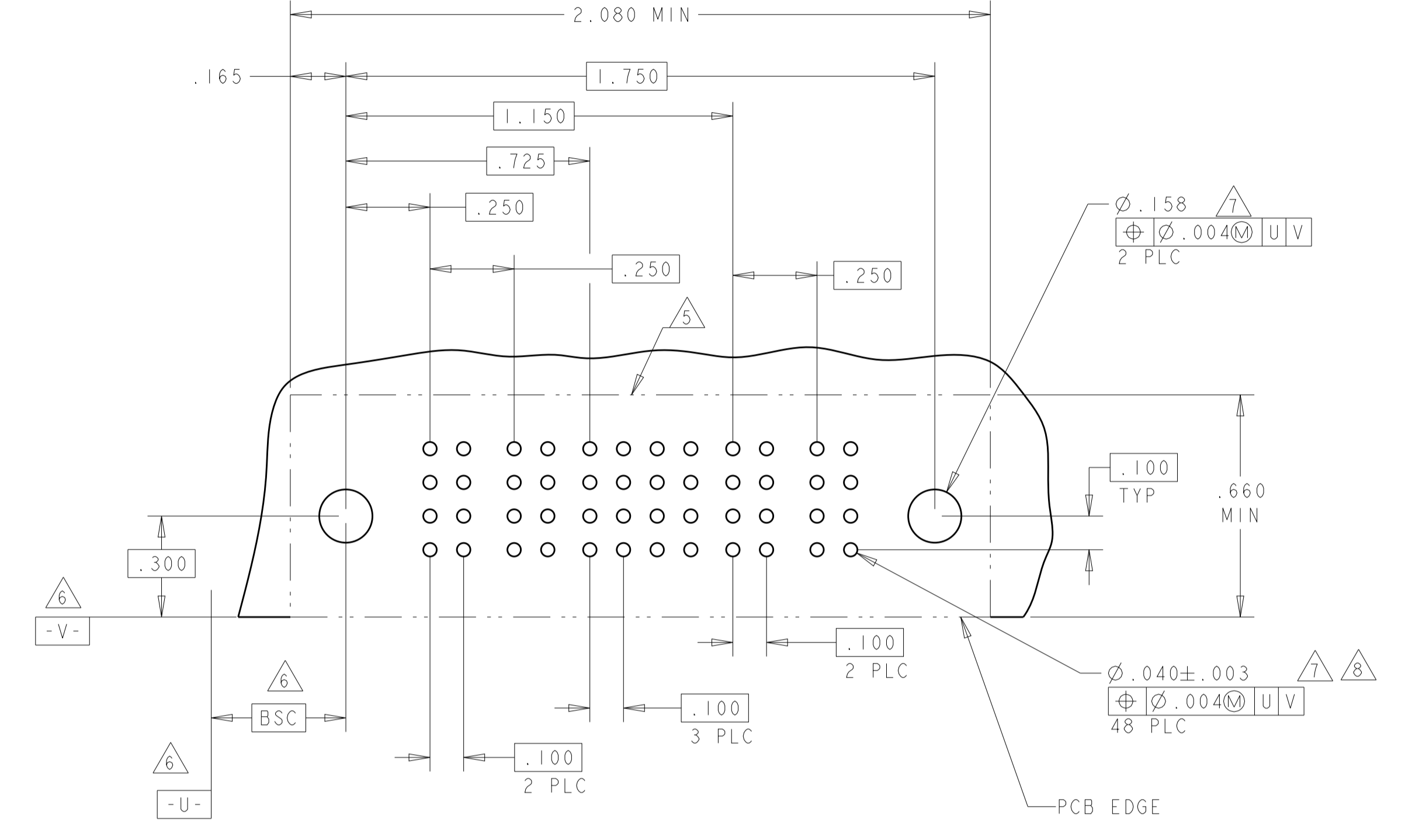
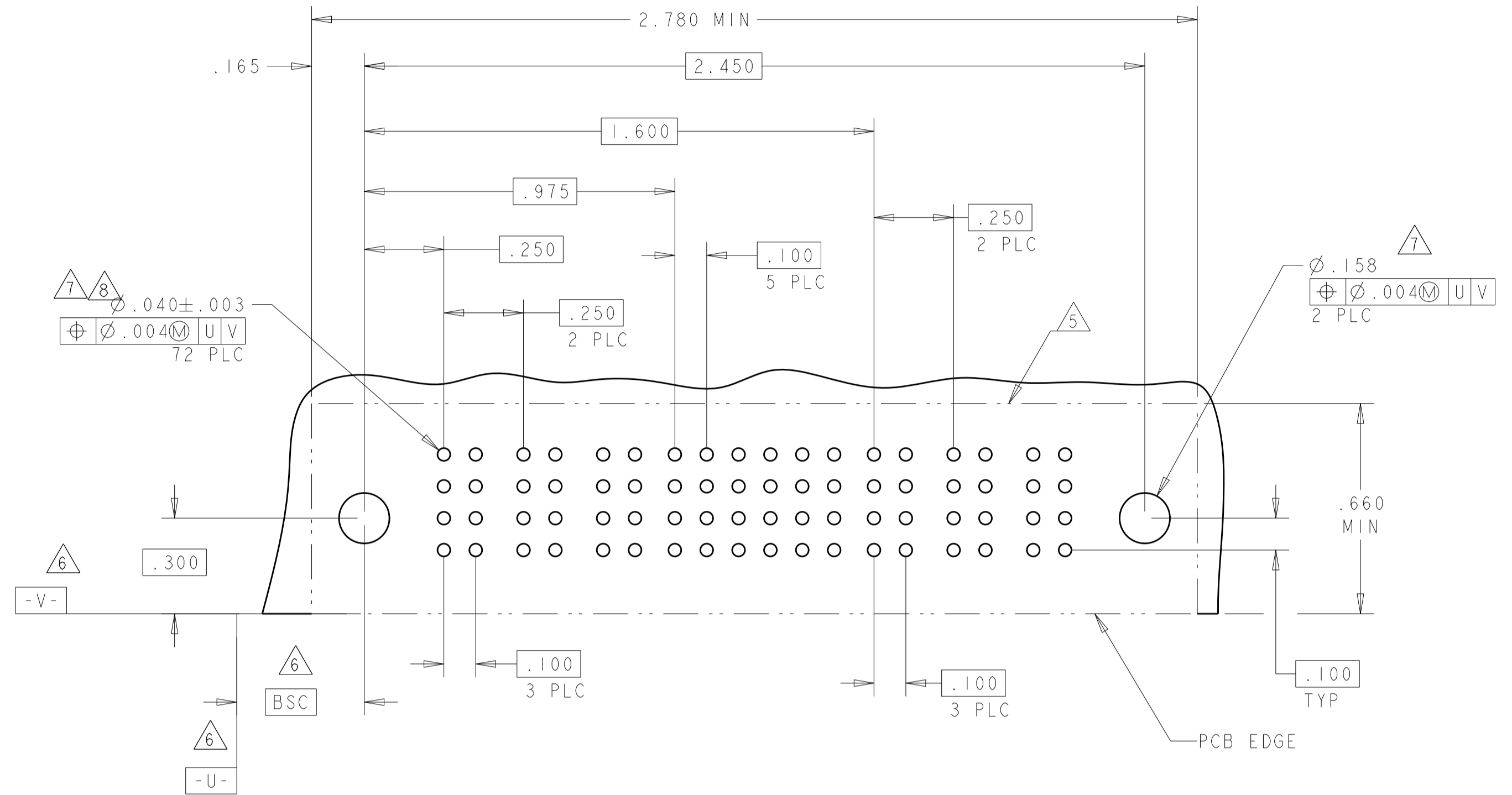


THIS DRAWING IS A CONTROLLED DOCUMENT.		DMN: R. GRZYBOWSKI 28FEB05	TE Connectivity
DIMENSIONS: INCHES		CHK: M. PERCHERKE 28FEB05	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD: M. PERCHERKE	NAME: RIGHT ANGLE HEADER ASSEMBLY SOLDER TAILS, W/GUIDES MULTI-BEAM XL
0 PLC ±.01		PRODUCT SPEC: 108-1973	SIZE: 114-13038
1 PLC ±.01		APPLICATION SPEC:	RESTRICTED TO: -
2 PLC ±.005		WEIGHT: -	SCALE: 1:1
3 PLC ±.002		CUSTOMER DRAWING	SHEET 8 OF 19
4 PLC ±.002		FINISH: -	REV: P9

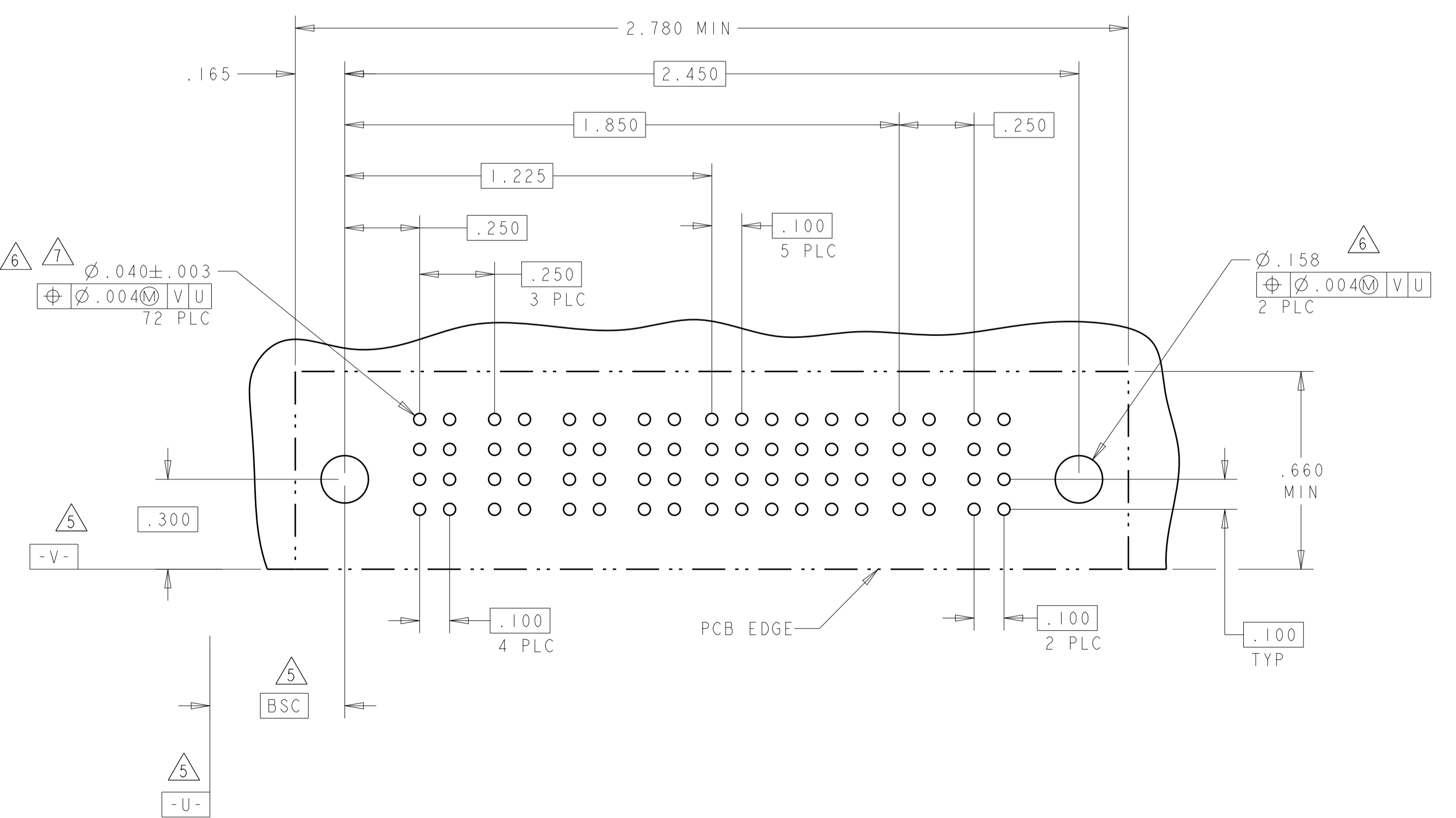
PART NUMBER	ROWS	POWER			SIGNAL						POWER		
		P1	P2	P3	1	2	3	4	5	6	P4	P5	P6
3-6450330-9	D				J	E	E	E	E	E			
	C				F	F	F	F	F	K			
	B				G	G	G	G	G	N			
	A				H	H	H	H	H	H			
		PM	PM	PM							PM	PM	PM
3P + 24S + 3P													

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

REV	DATE	BY	APPV
-	-	-	-

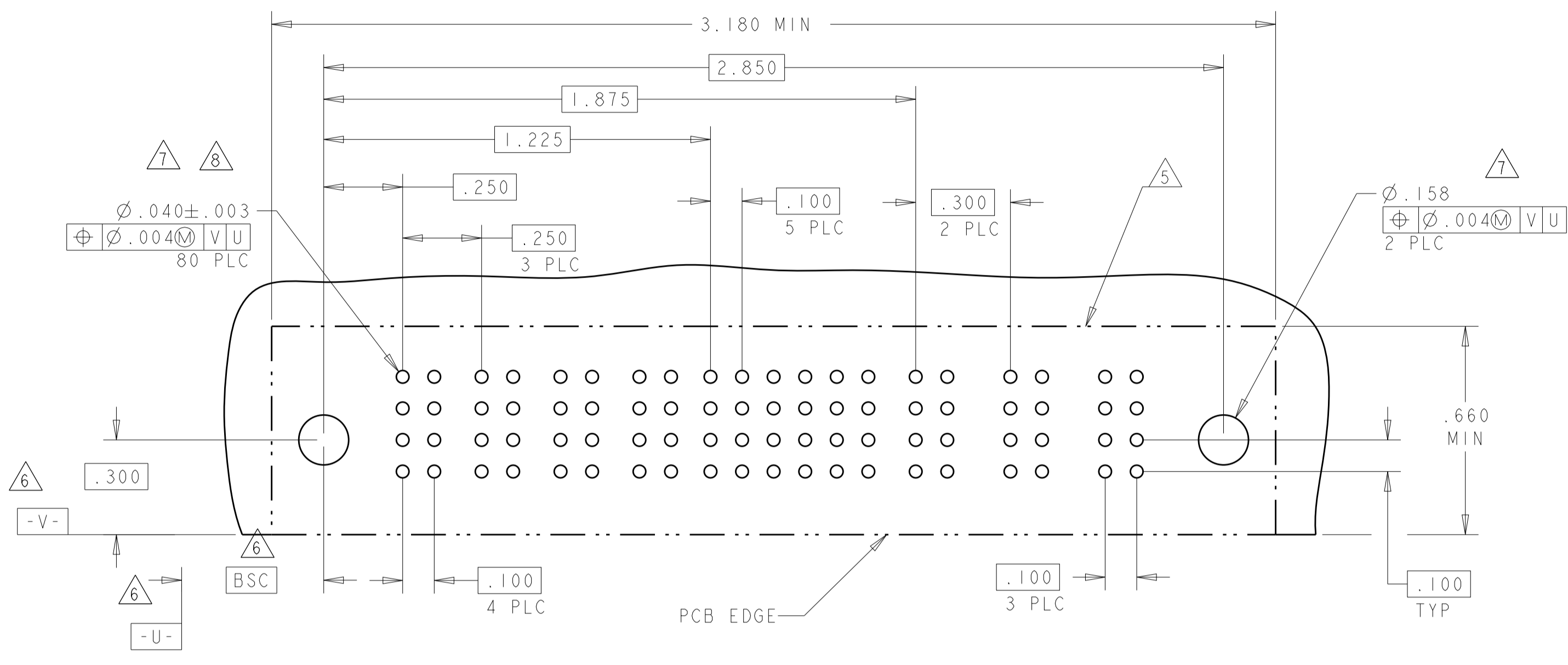


PART NUMBER	ROWS	POWER				SIGNAL						POWER	
		P1	P2	P3	P4	1	2	3	4	5	6	P5	P6
4-6450330-2	D					J	J	J	J	J	J		
	C					F	K	K	K	K	K		
	B					N	N	N	N	N	N		
	A					S	S	S	S	S	S		
		PM	PM	PM	PM							PM	PM
4P + 24S + 2P													

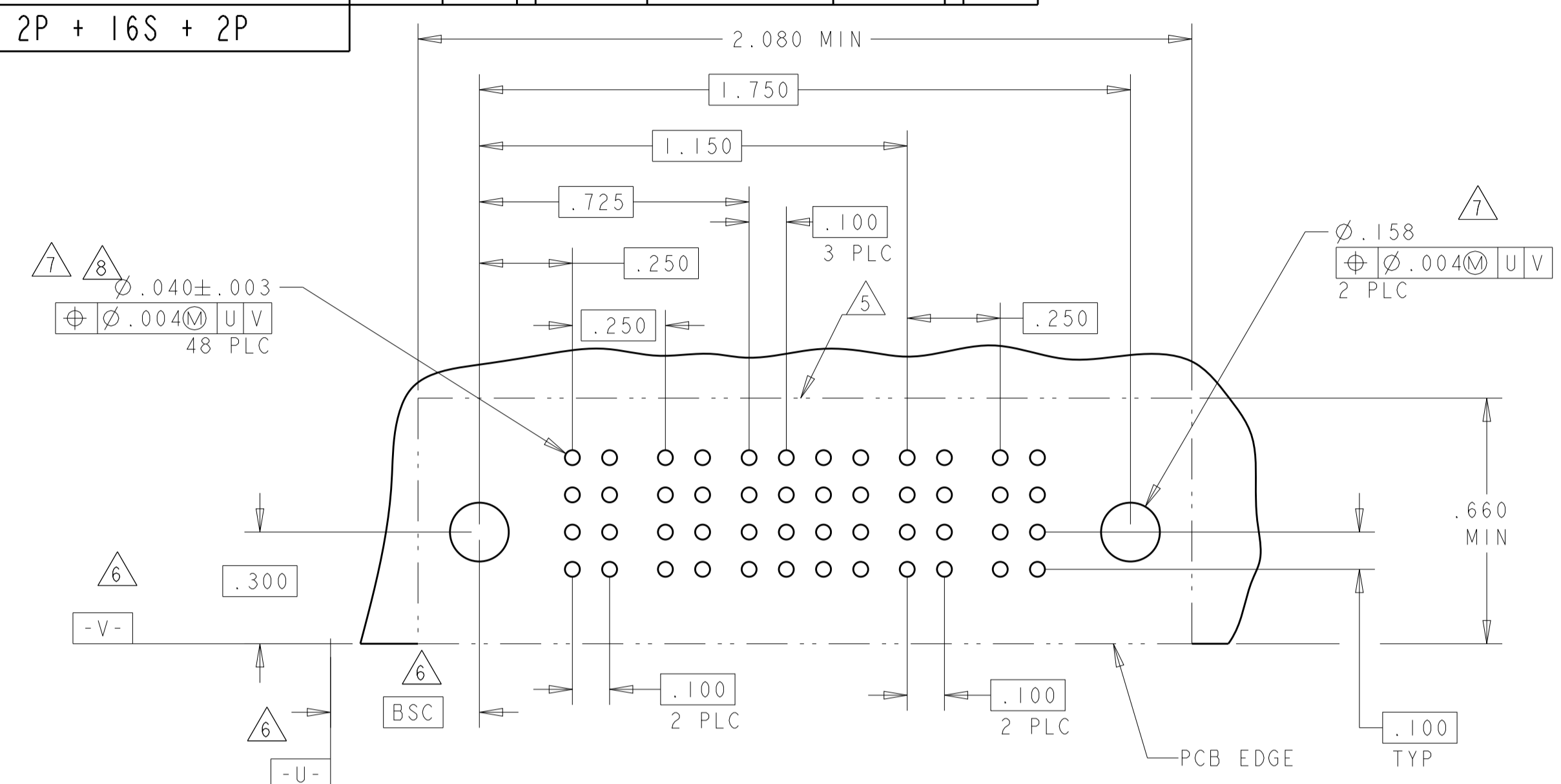


THIS DRAWING IS A CONTROLLED DOCUMENT.		OWN: R. GRZYBOWSKI 28FEB05		TE Connectivity
DIMENSIONS: INCHES		CHK: M. PERCHERKE 28FEB05		NAME: RIGHT ANGLE HEADER ASSEMBLY SOLDER TAILS, W/GUIDES MULTI-BEAM XL
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD: M. PERCHERKE	PRODUCT SPEC: 108-1973	
0 PLC ±.01		PRODUCT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

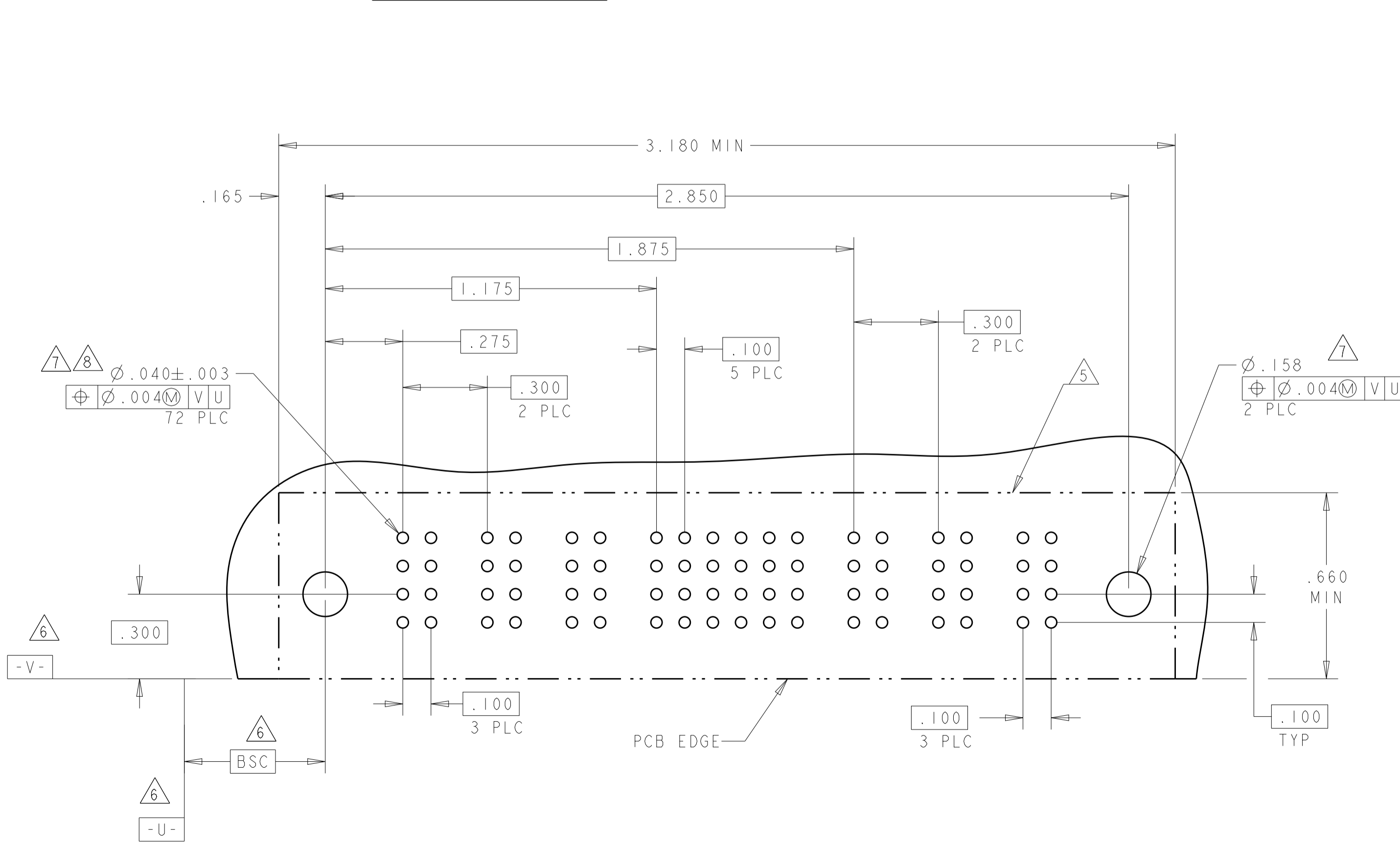
PART NUMBER	ROWS	POWER				SIGNAL						POWER		
		P1	P2	P3	P4	1	2	3	4	5	6	P5	P6	P7
5-6450330-0	D C B A	PM	PM	PM	PM	J	J	J	J	J	J	PM	PM	PM
						K	K	K	K	K	K			
						N	N	N	N	N	N			
						S	S	S	S	S	H			
4P + 24S + 3ACP														



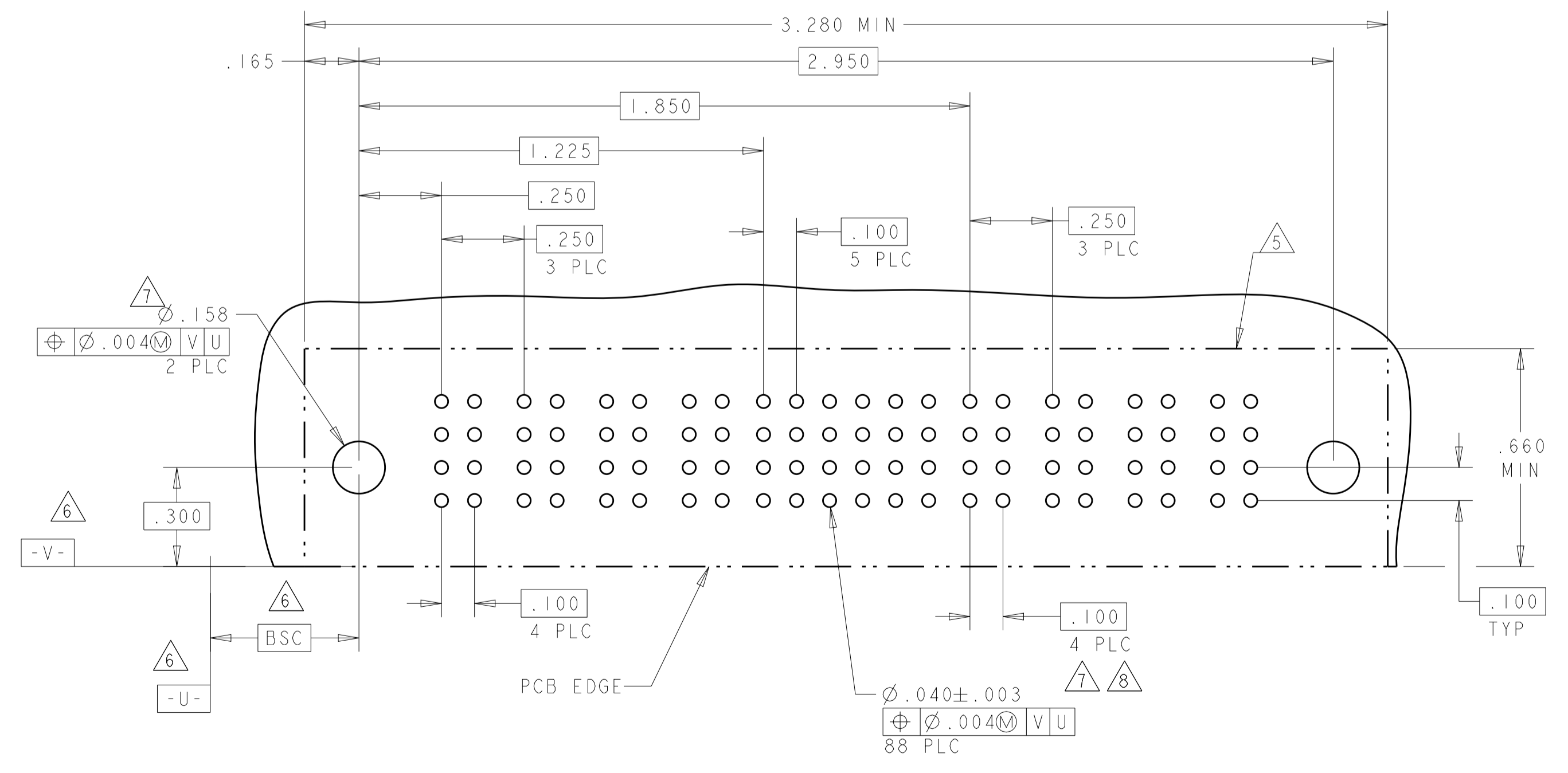
PART NUMBER	ROWS	POWER		SIGNAL				POWER	
		P1	P2	1	2	3	4	P3	P4
5-6450330-1	D C B A	PM	PM	J	J	J	E	PM	PM
				K	K	K	K		
				N	G	N	N		
				S	S	S	S		
2P + 16S + 2P									



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 ± .010 1 PLC ± .010 2 PLC ± .010 3 PLC ± .010 4 PLC ± .010 ANGLES ± .0020	APVD: M. PERCHERKE	NAME: M. PERCHERKE
MATERIAL:	FINISH:	PRODUCT SPEC: 108-1973	APPLICATION SPEC: 114-13038
		WEIGHT:	SIZE: A100779
		CUSTOMER DRAWING	SCALE: 1:1

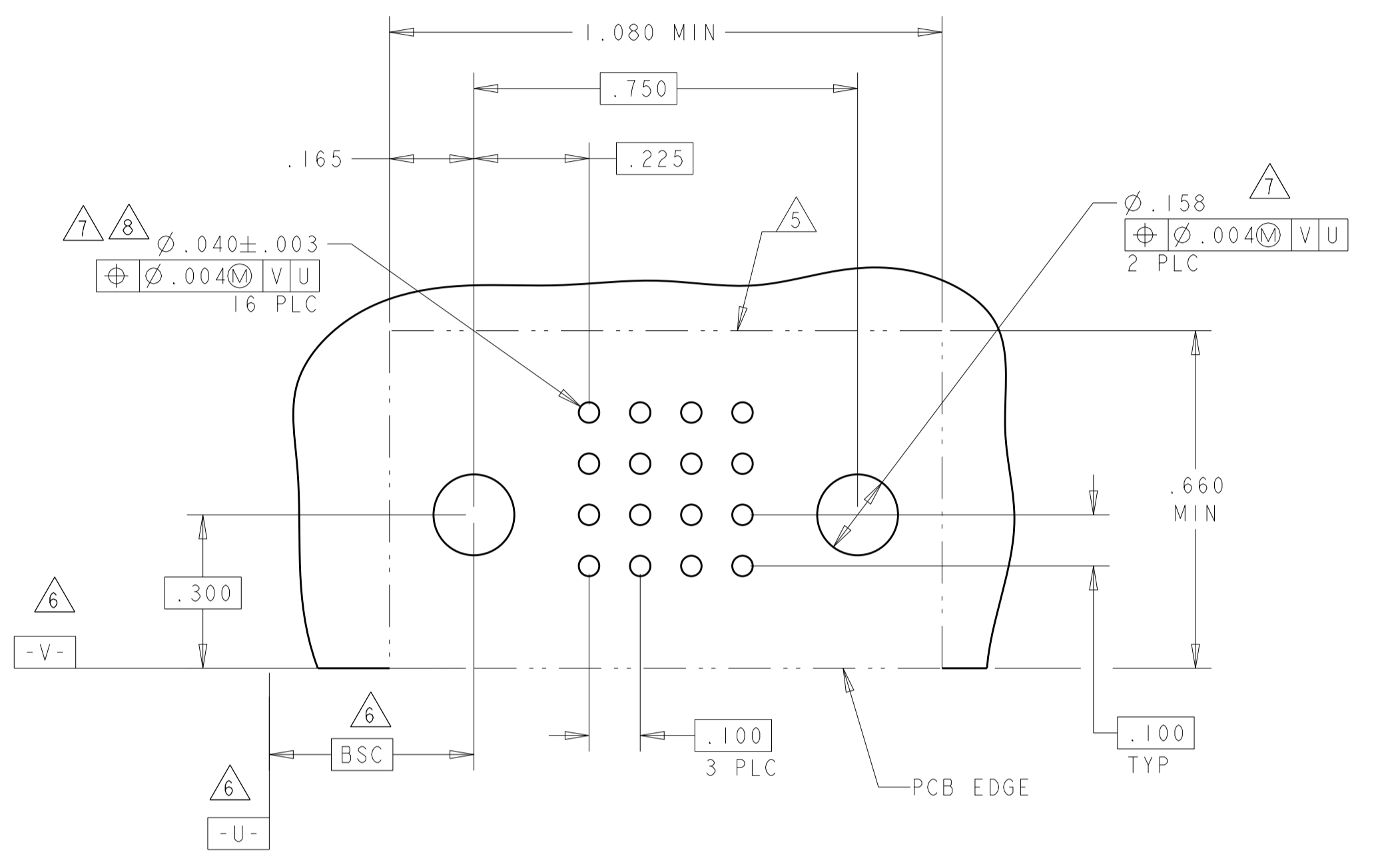
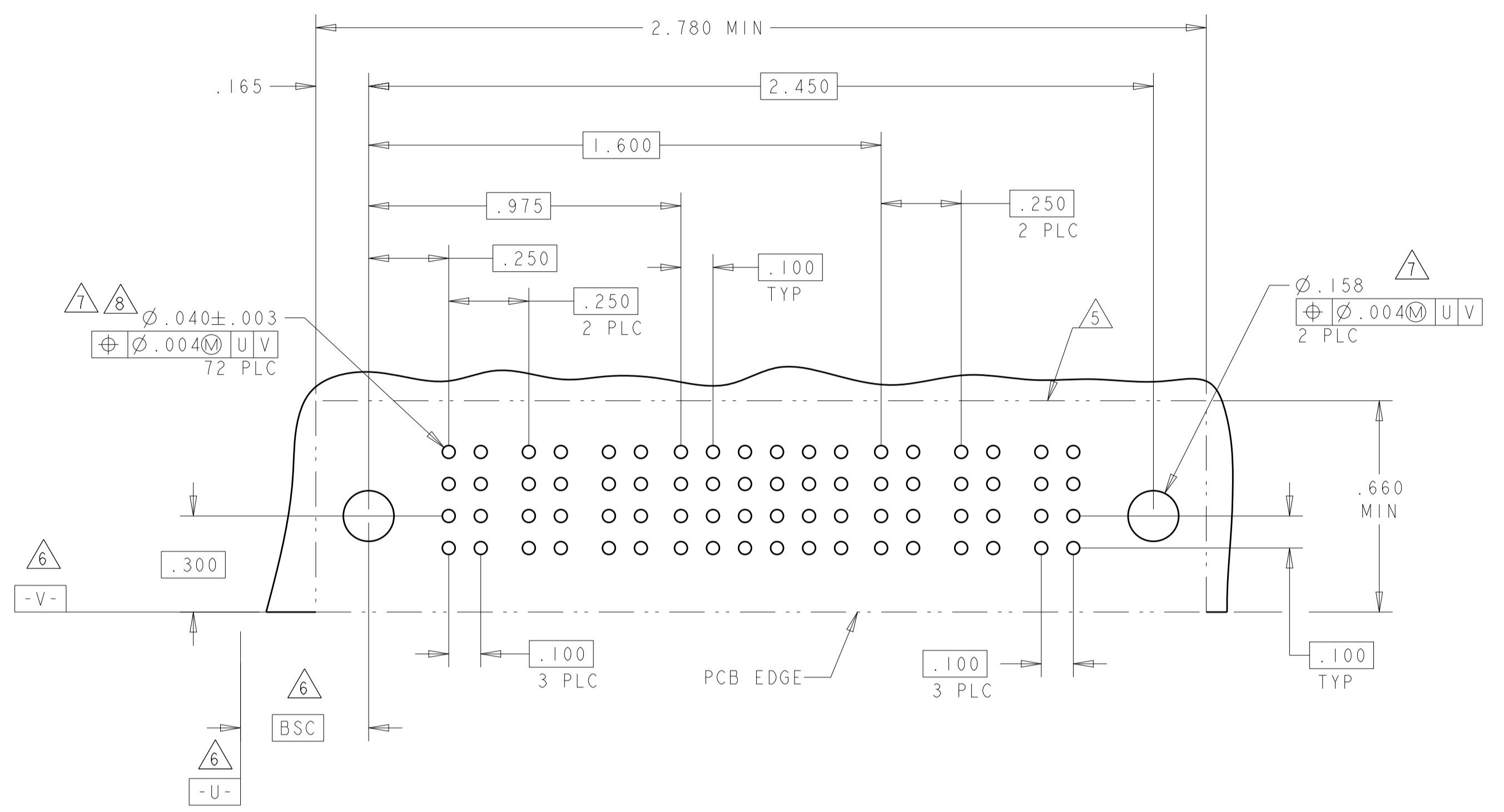
STE TE Connectivity

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

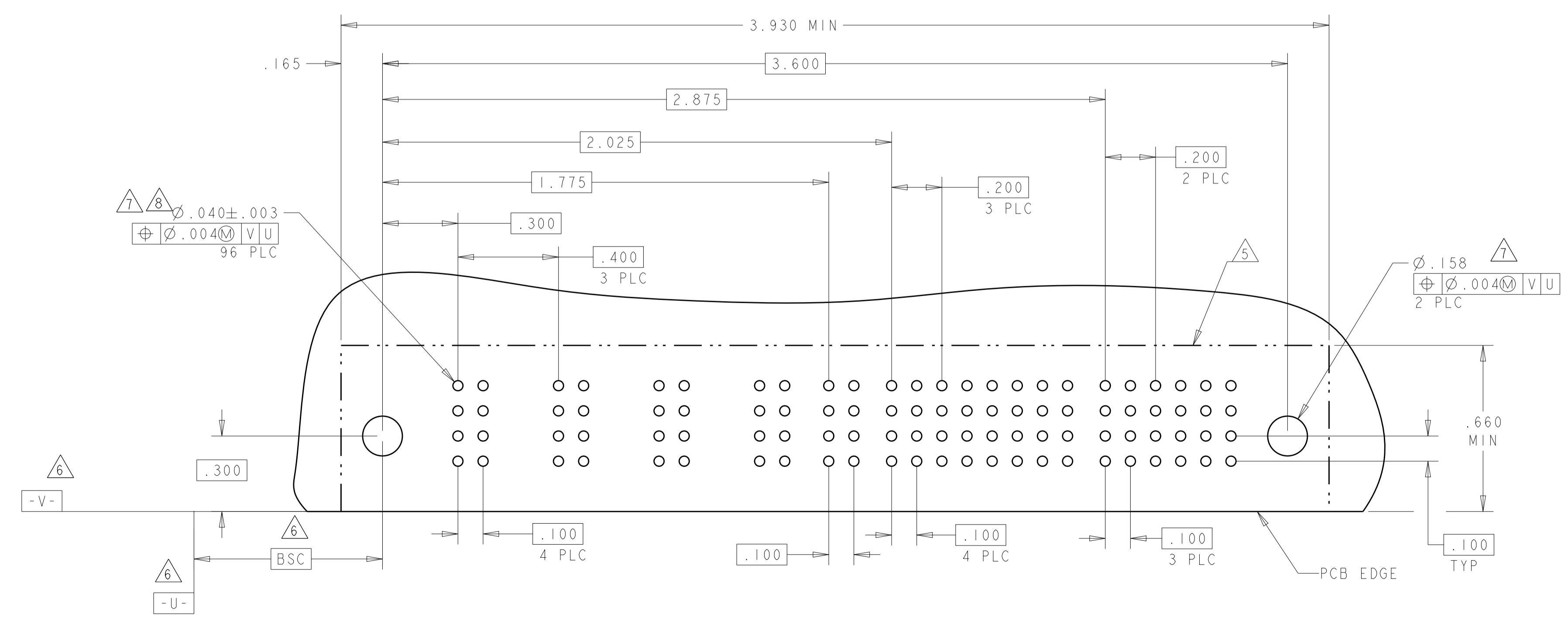
RESTRICTED TO: SHEET 10 OF 19 REV P.9


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																	



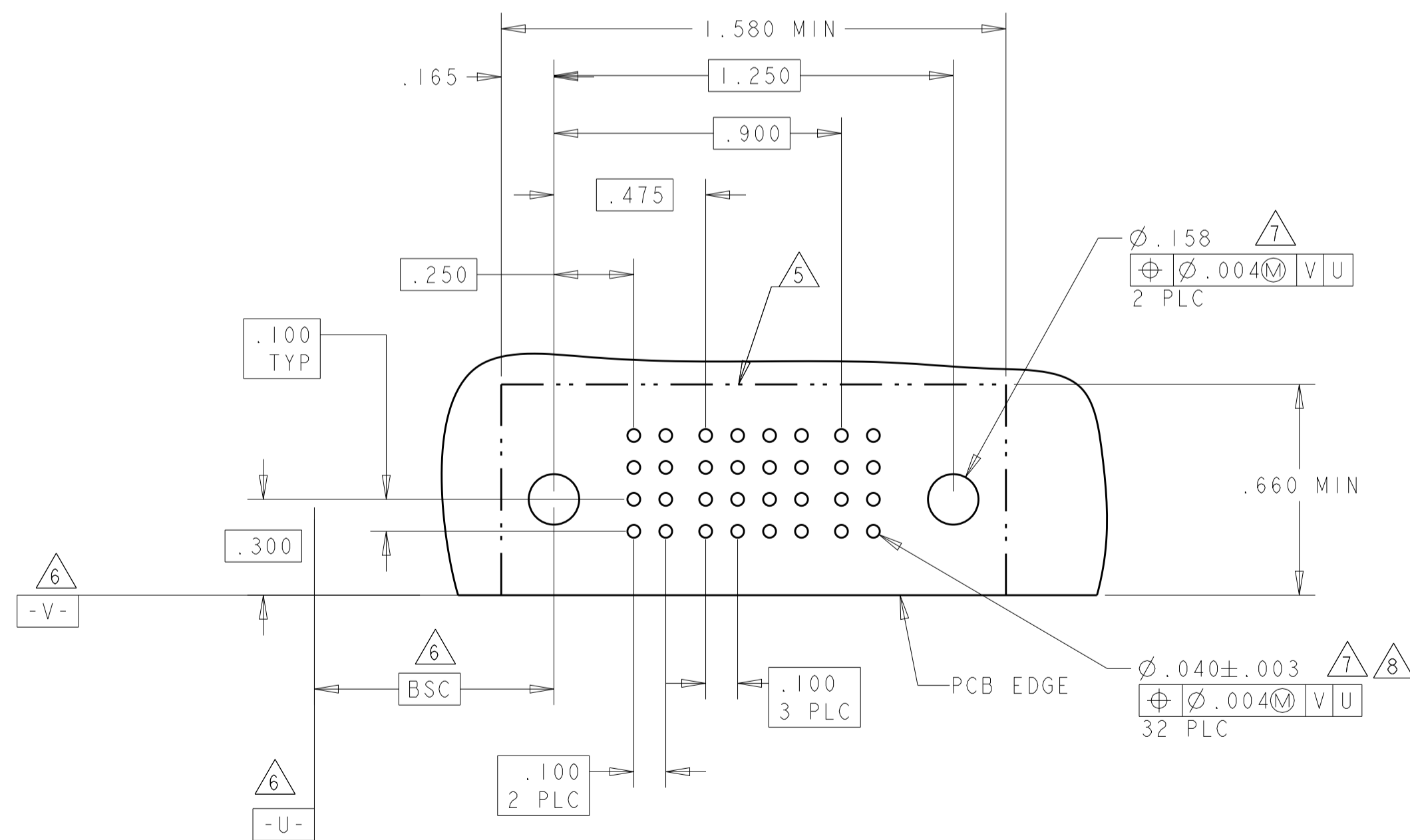
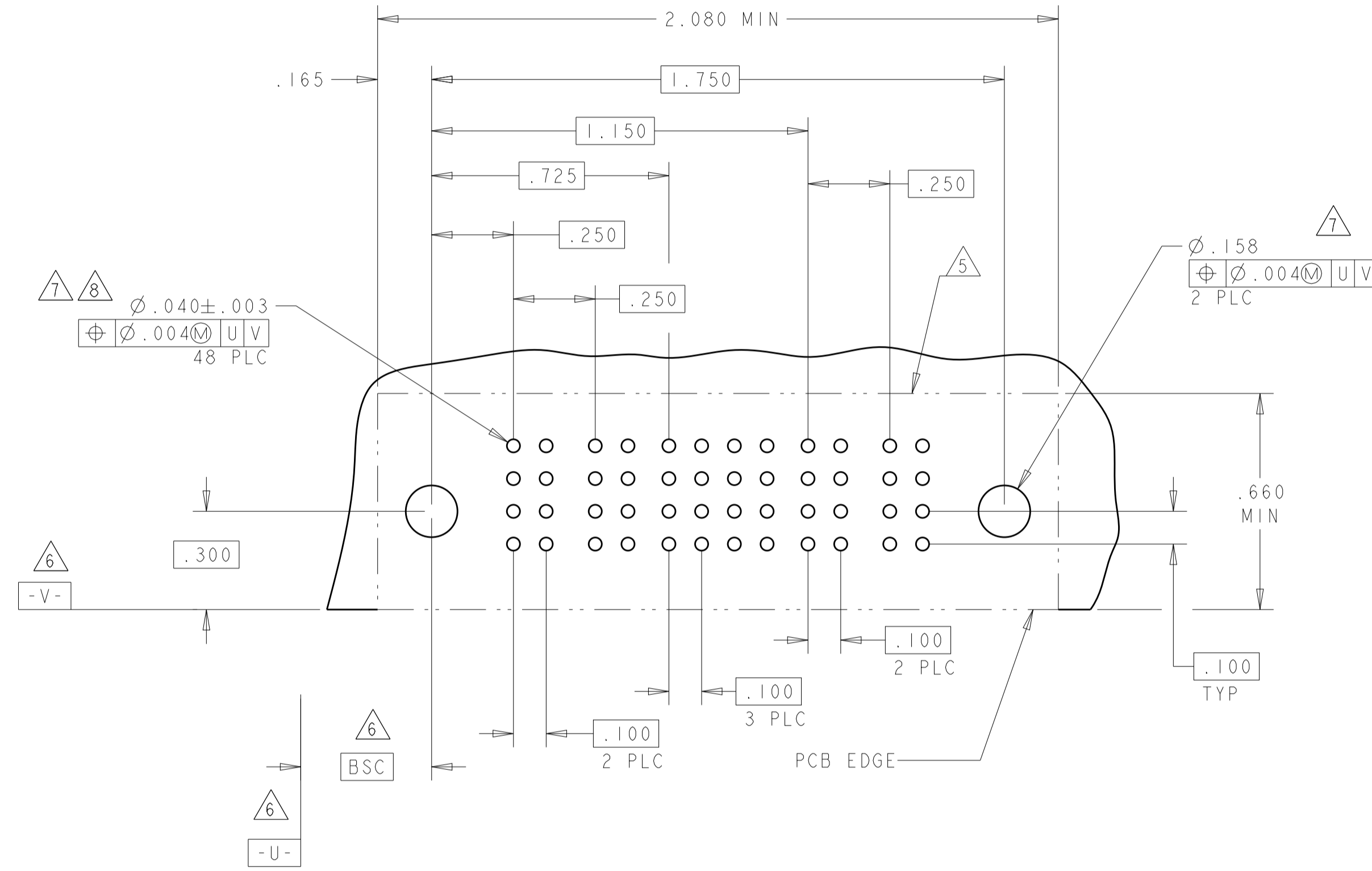
THIS DRAWING IS A CONTROLLED DOCUMENT.		OWN: R. GRZYBOWSKI 28FEB05	 TE Connectivity
DIMENSIONS: INCHES		CHK: M. PERCHERKE 28FEB05	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD: M. PERCHERKE	NAME: RIGHT ANGLE HEADER ASSEMBLY SOLDER TAILS, W/GUIDES MULTI-BEAM XL
0 PLC ± .01		PRODUCT SPEC	
1 PLC ± .01		APPLICATION SPEC	
2 PLC ± .015		114-13038	
3 PLC ± .020		114-13038	
4 PLC ± .020		114-13038	
5 PLC ± .020		114-13038	
6 PLC ± .020		114-13038	
7 PLC ± .020		114-13038	
8 PLC ± .020		114-13038	
9 PLC ± .020		114-13038	
10 PLC ± .020		114-13038	
11 PLC ± .020		114-13038	
12 PLC ± .020		114-13038	
13 PLC ± .020		114-13038	
14 PLC ± .020		114-13038	
15 PLC ± .020		114-13038	
16 PLC ± .020		114-13038	
17 PLC ± .020		114-13038	
18 PLC ± .020		114-13038	
19 PLC ± .020		114-13038	
20 PLC ± .020		114-13038	
21 PLC ± .020		114-13038	
22 PLC ± .020		114-13038	
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24 PLC ± .020		114-13038	
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26 PLC ± .020		114-13038	
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29 PLC ± .020		114-13038	
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31 PLC ± .020		114-13038	
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91 PLC ± .020		114-13038	
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93 PLC ± .020		114-13038	
94 PLC ± .020		114-13038	
95 PLC ± .020		114-13038	
96 PLC ± .020		114-13038	

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

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

PART NUMBER	ROWS	POWER		SIGNAL				POWER	
		P1	P2	1	2	3	4	P1	P2
6-6450330-9	D C B A	PM	PM	J	J	J	J	PM	PM
				K	K	K	K		
				N	N	N	N		
				S	S	S	S		
IP + 16S + IP									

PART NUMBER	ROWS	POWER		SIGNAL				POWER	
		P1	P2	1	2	3	4	P3	P4
5-6450330-6	D C B A	PA	PA	A4	A4	A4	Z	PA	PA
				A3	A3	A3	Y		
				A2	A2	A2	R		
				A1	A1	A1	O		
2P + 16S + 2P									



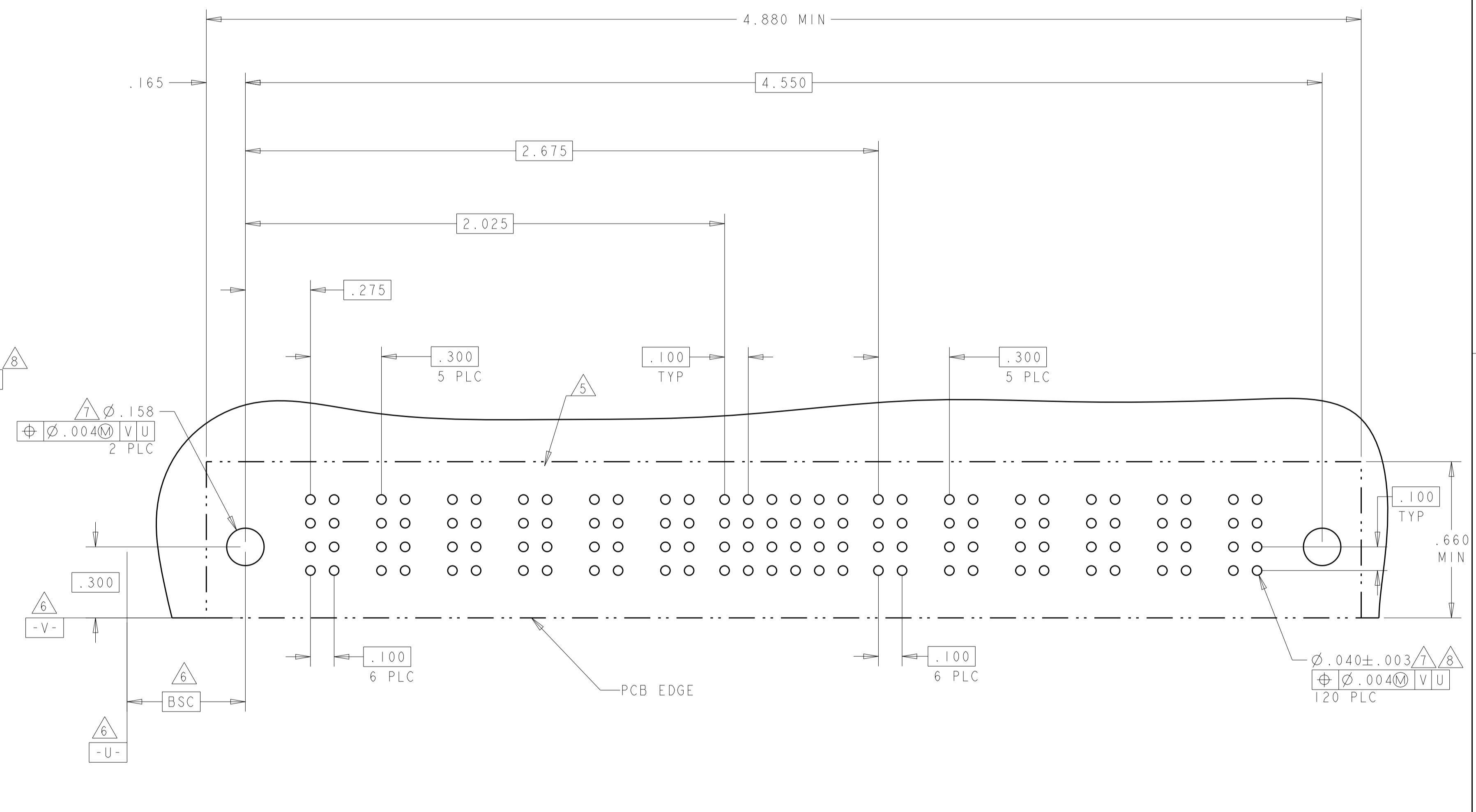
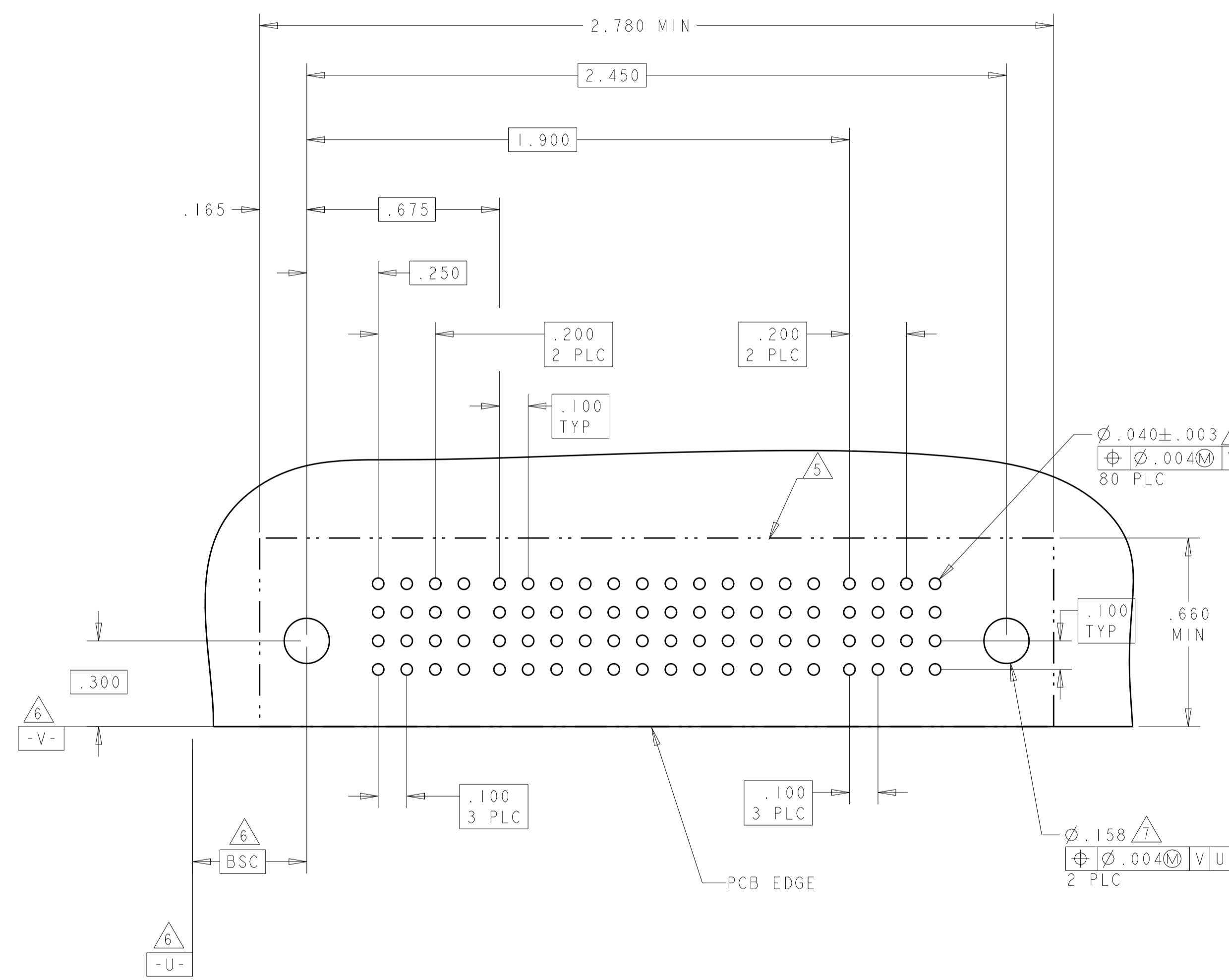
PCB LAYOUT VIEW FOR P/N: 5-6450330-5 AND 6-6450330-9

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN: R. GRZYBOWSKI 28FEB05	REV: 05																		
DIMENSIONS: INCHES		CHK: M. PERCHERKE 28FEB05	NAME: M. PERCHERKE																		
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD: M. PERCHERKE																			
<table border="0"> <tr> <td>0 PLC</td> <td>± .005</td> </tr> <tr> <td>2 PLC</td> <td>± .01</td> </tr> <tr> <td>3 PLC</td> <td>± .015</td> </tr> <tr> <td>4 PLC</td> <td>± .02</td> </tr> <tr> <td>ANGLES</td> <td>± .0020</td> </tr> </table>		0 PLC	± .005	2 PLC	± .01	3 PLC	± .015	4 PLC	± .02	ANGLES	± .0020	<table border="0"> <tr> <td>PRODUCT SPEC</td> <td>108-1973</td> </tr> <tr> <td>APPLICATION SPEC</td> <td>114-13038</td> </tr> <tr> <td>WEIGHT</td> <td></td> </tr> <tr> <td>CUSTOMER DRAWING</td> <td>SCALE 1:1</td> </tr> </table>		PRODUCT SPEC	108-1973	APPLICATION SPEC	114-13038	WEIGHT		CUSTOMER DRAWING	SCALE 1:1
0 PLC	± .005																				
2 PLC	± .01																				
3 PLC	± .015																				
4 PLC	± .02																				
ANGLES	± .0020																				
PRODUCT SPEC	108-1973																				
APPLICATION SPEC	114-13038																				
WEIGHT																					
CUSTOMER DRAWING	SCALE 1:1																				
MATERIAL FINISH		<table border="0"> <tr> <td>SIZE</td> <td>100779</td> <td>CAGE CODE</td> <td>6450330</td> </tr> <tr> <td>DRAWING NO</td> <td></td> <td>SHEET</td> <td>12 OF 19</td> </tr> <tr> <td>DATE</td> <td></td> <td>REV</td> <td>P.9</td> </tr> </table>		SIZE	100779	CAGE CODE	6450330	DRAWING NO		SHEET	12 OF 19	DATE		REV	P.9						
SIZE	100779	CAGE CODE	6450330																		
DRAWING NO		SHEET	12 OF 19																		
DATE		REV	P.9																		
<p>STE TE Connectivity</p> <p>RIGHT ANGLE HEADER ASSEMBLY SOLDER TAILS, W/GUIDES MULTI-BEAM XL</p>		<p>RESTRICTED TO</p>																			

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																			



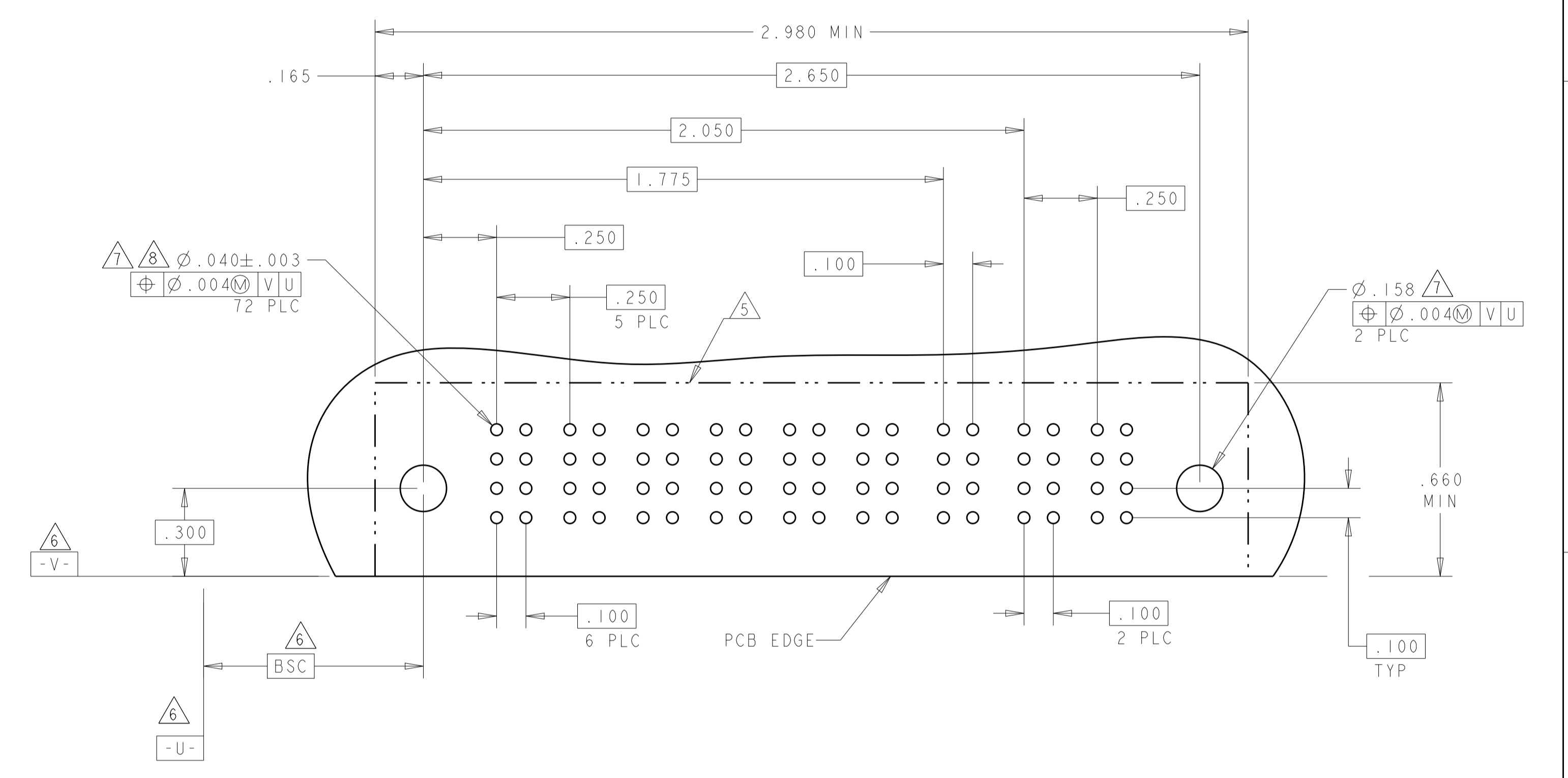
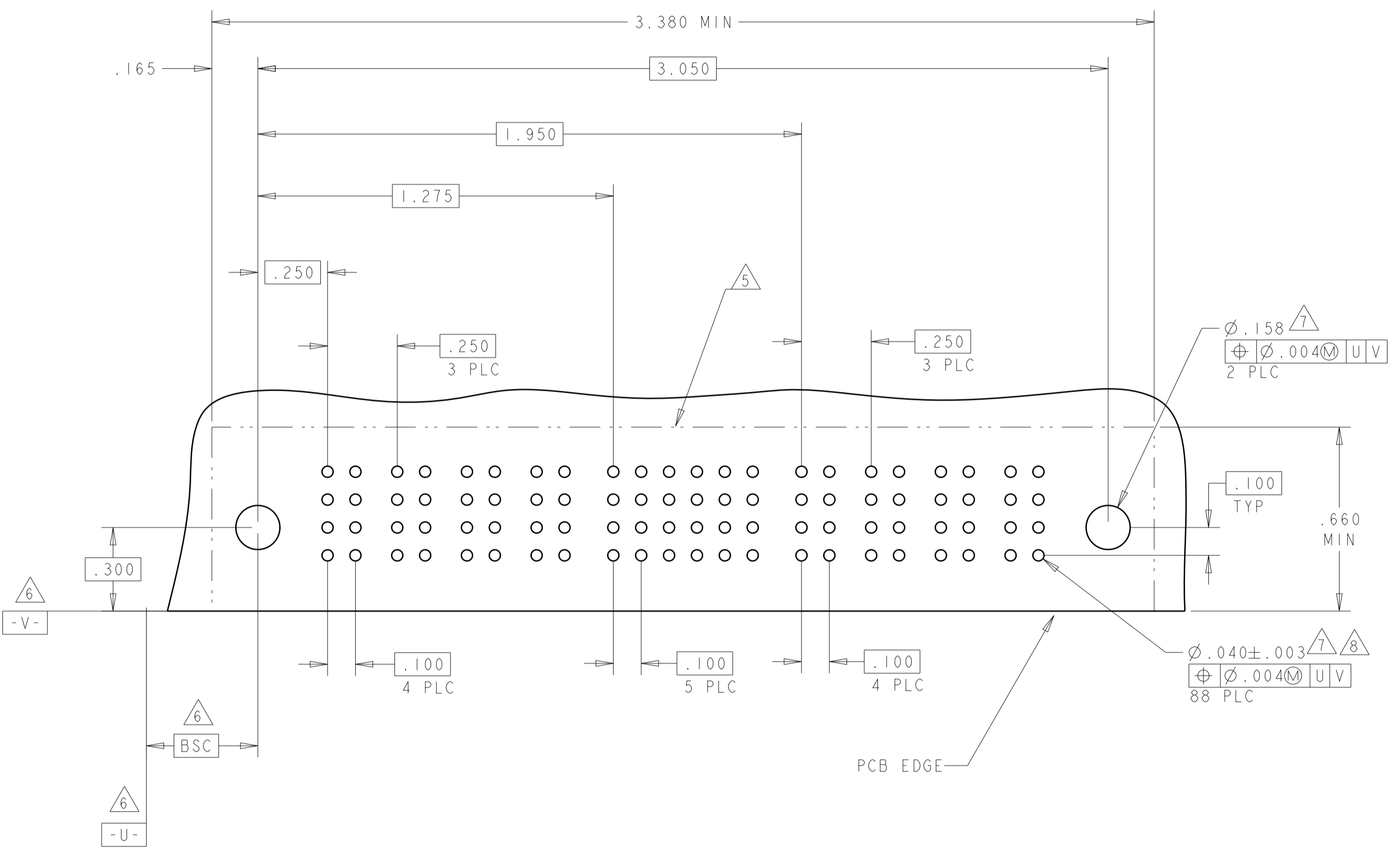
THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: INCHES		TOLERANCES UNLESS OTHERWISE SPECIFIED:	DMN: R. GRZYBOWSKI 28FEB05 CHK: M. PERCHERKE 28FEB05 APVD: M. PERCHERKE	STE TE Connectivity 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 ±.0020 ANGLES ±.7°	PRODUCT SPEC: 108-1973 APPLICATION SPEC: 114-13038 WEIGHT: - CUSTOMER DRAWING	

LOC	DIST	REVISIONS			
P	LTN	DESCRIPTION	DATE	OWN	APVD
-	-	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															

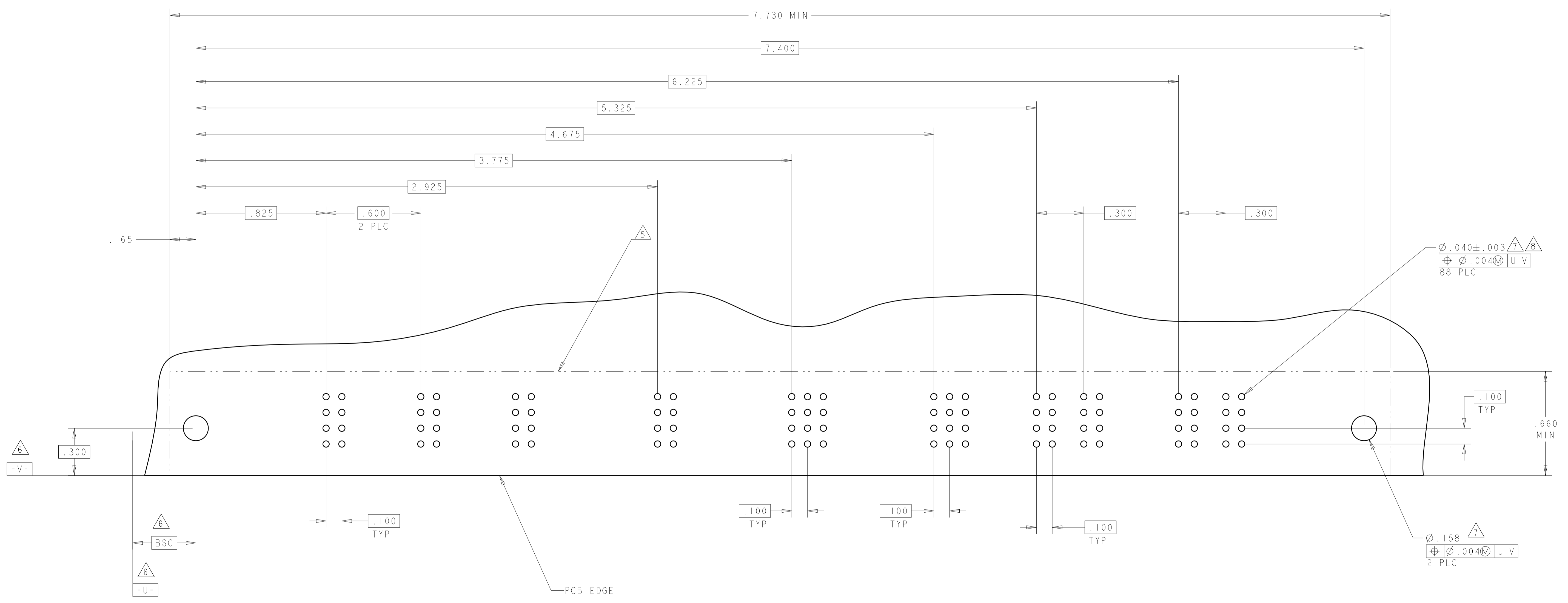
PART NUMBER	ROWS	POWER						SIGNAL		POWER	
		P1	P2	P3	P4	P5	P6	1	2	P7	P8
5-6450330-9	D	PM	PM	PM	PM	PM	PM	J	J	PM	PM
	C							K	K		
	B							N	N		
	A							FS	S		
6P + 8S + 2P											



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

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 C B A	PM		PM		PM		PM		PM		PM		J	J	J								E	E	E	PM	PM		PM	PM			
														K	K	K								F	F	F								
														N	N	N								G	G	G								
														S	S	H								H	S	S								
12P + 48S + 8P																																		



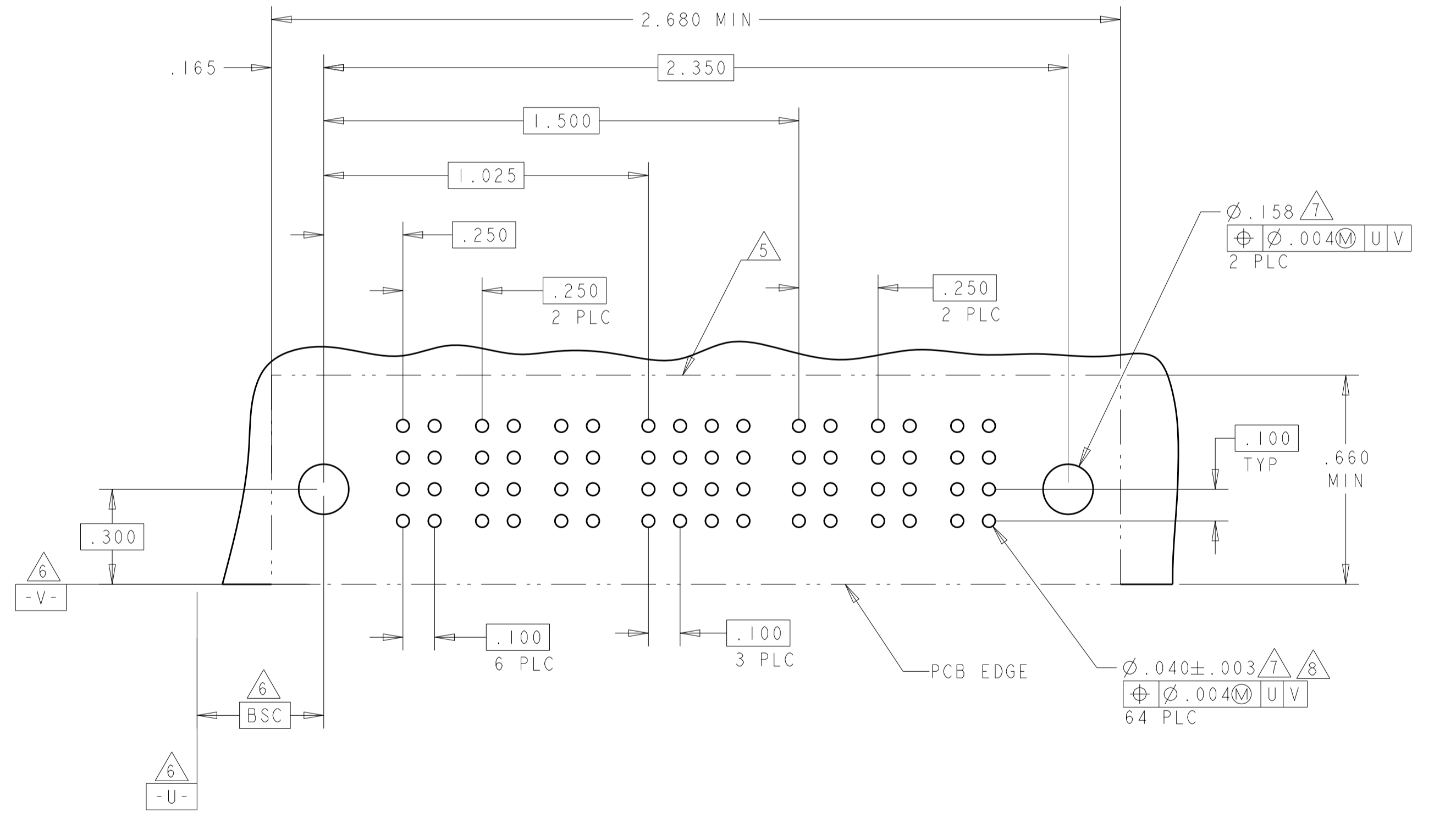
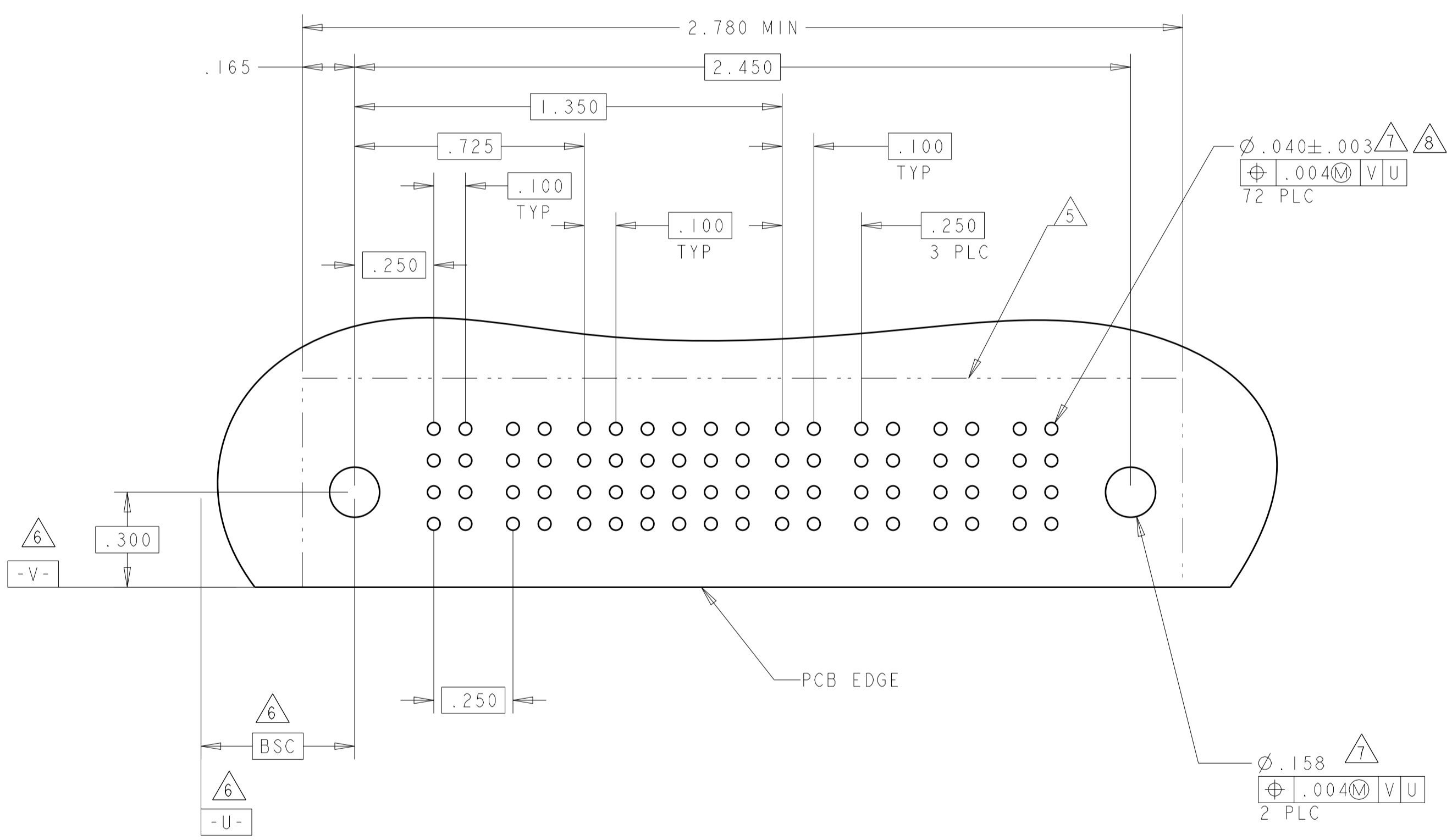
THIS DRAWING IS A CONTROLLED DOCUMENT.		DMN: R. GRZYBOWSKI 28FEB05	 TE Connectivity
DIMENSIONS: INCHES		CHK: M. PERCHERKE 28FEB05	
DIMENSIONS: INCHES TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±. 1 PLC ±. 2 PLC ±.01 3 PLC ±.005 4 PLC ±.0020 ANGLES ±.2° FINISH		APVD: M. PERCHERKE NAME: RIGHT ANGLE HEADER ASSEMBLY PRODUCT SPEC: 108-1973 APPLICATION SPEC: 114-13038 WEIGHT: - CUSTOMER DRAWING	SIZE: A1 CAGE CODE: 6450330 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												



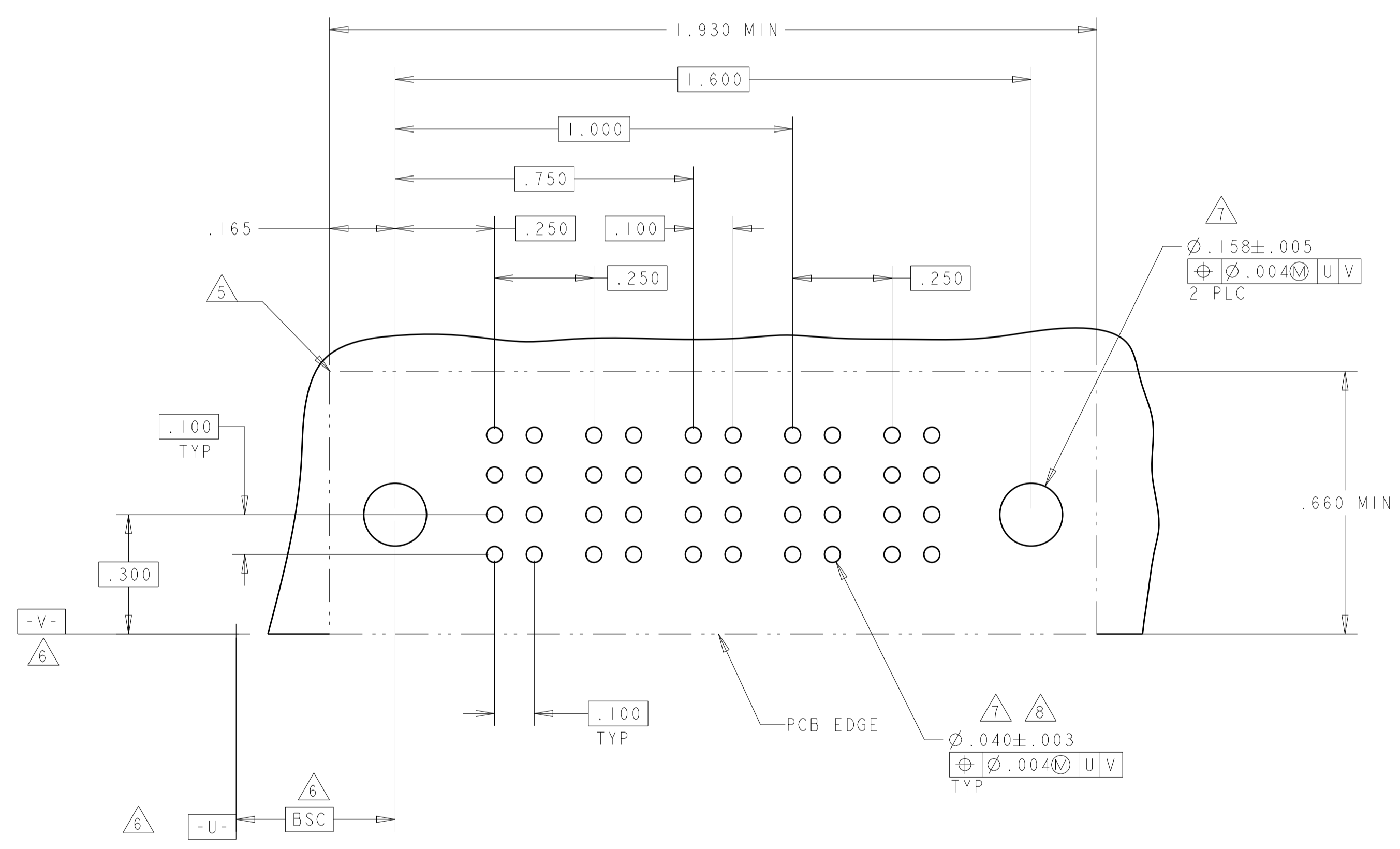
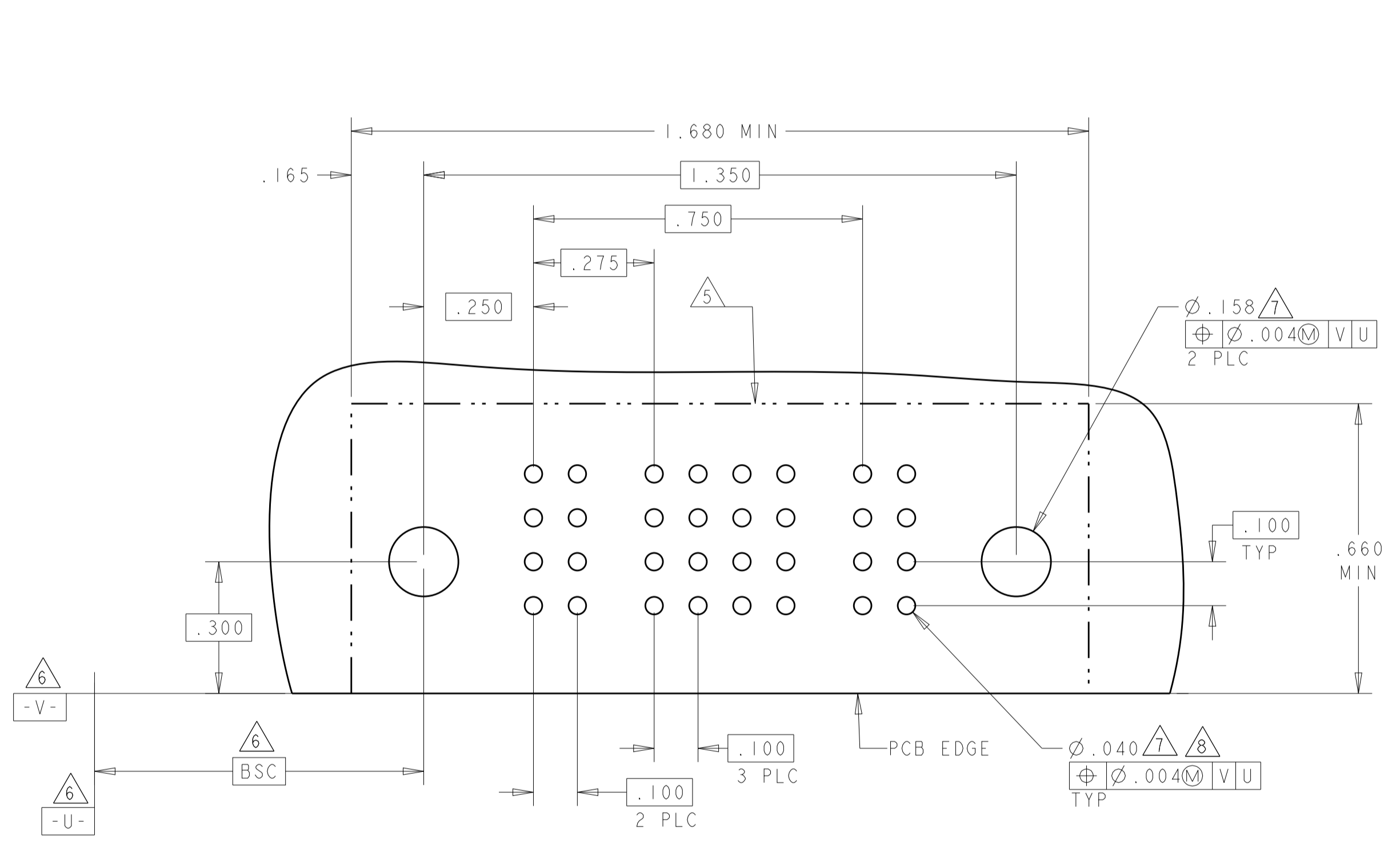
THIS DRAWING IS A CONTROLLED DOCUMENT.

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	STC TE Connectivity
MATERIAL			SIZE: A100779 CAGE CODE: C=6450330 SCALE: 1:1 SHEET: 16 OF 19 REV: P.9	RESTRICTED TO: -

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	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									

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: INCHES	TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±. 1 PLC ±.01 2 PLC ±.005 3 PLC ±.0020 4 PLC ±. ANGLES ±7°	FINISH	FINISH
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OWN: R. GRZYBOWSKI 28FEB05	CHK: M. PERCHERKE 28FEB05	APVD: M. PERCHERKE	NAME: M. PERCHERKE
PRODUCT SPEC: 108-1973		APPLICATION SPEC: 114-13038	
WEIGHT: -		CAGE CODE: A100779	
CUSTOMER DRAWING		SCALE: 1:1 SHEET 17 OF 19 REV: P.9	

STE TE Connectivity

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

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

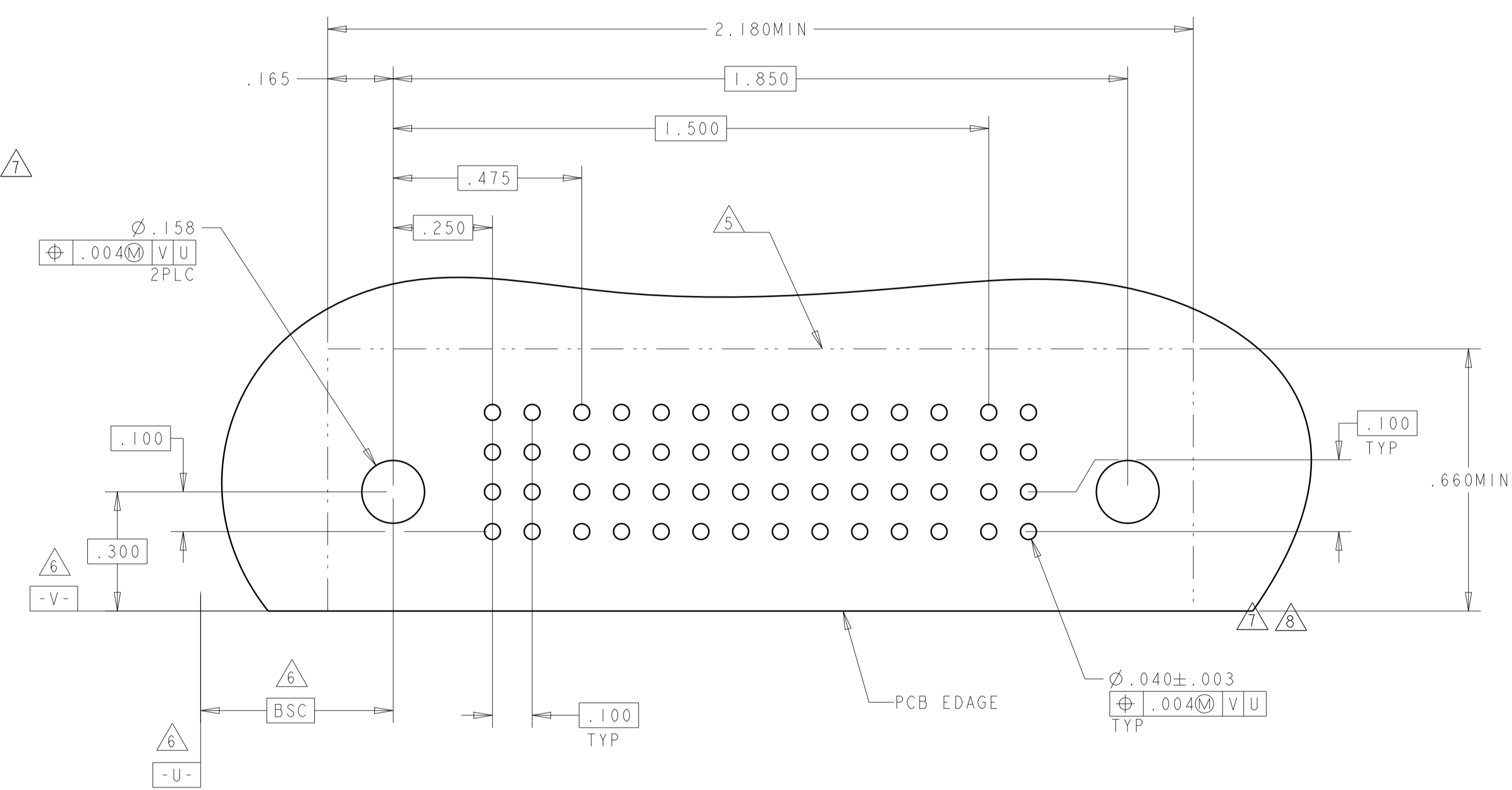
PART NUMBER	ROWS	POWER		SIGNAL										POWER						
		P1	P2	1	2	3	4	5	6	7	8	9	10	P1	P2					
6-6450330-5	D C B A	PM	PM	J	J	J	J	J	J	J	J	J	J	J	J	J	J	PM	PM	
				K	K	K	F	K	K	K	K	K	K	K	K	K	K			
				N	N	N	N	N	N	N	N	N	N	N	N	N	N			N
				S	S	S	S	S	S	S	S	S	S	S	S	S	S			S
IP + 40S + IP																				

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	J	J	J	J	PM	PM	
				K	K	K	K	K	K	K	K	K	K	K	K			K
				N	N	N	N	N	G	N	N	N	N	N	N			N
				S	S	S	S	S	S	S	S	S	S	S	S			S
IP + 24S + IP																		

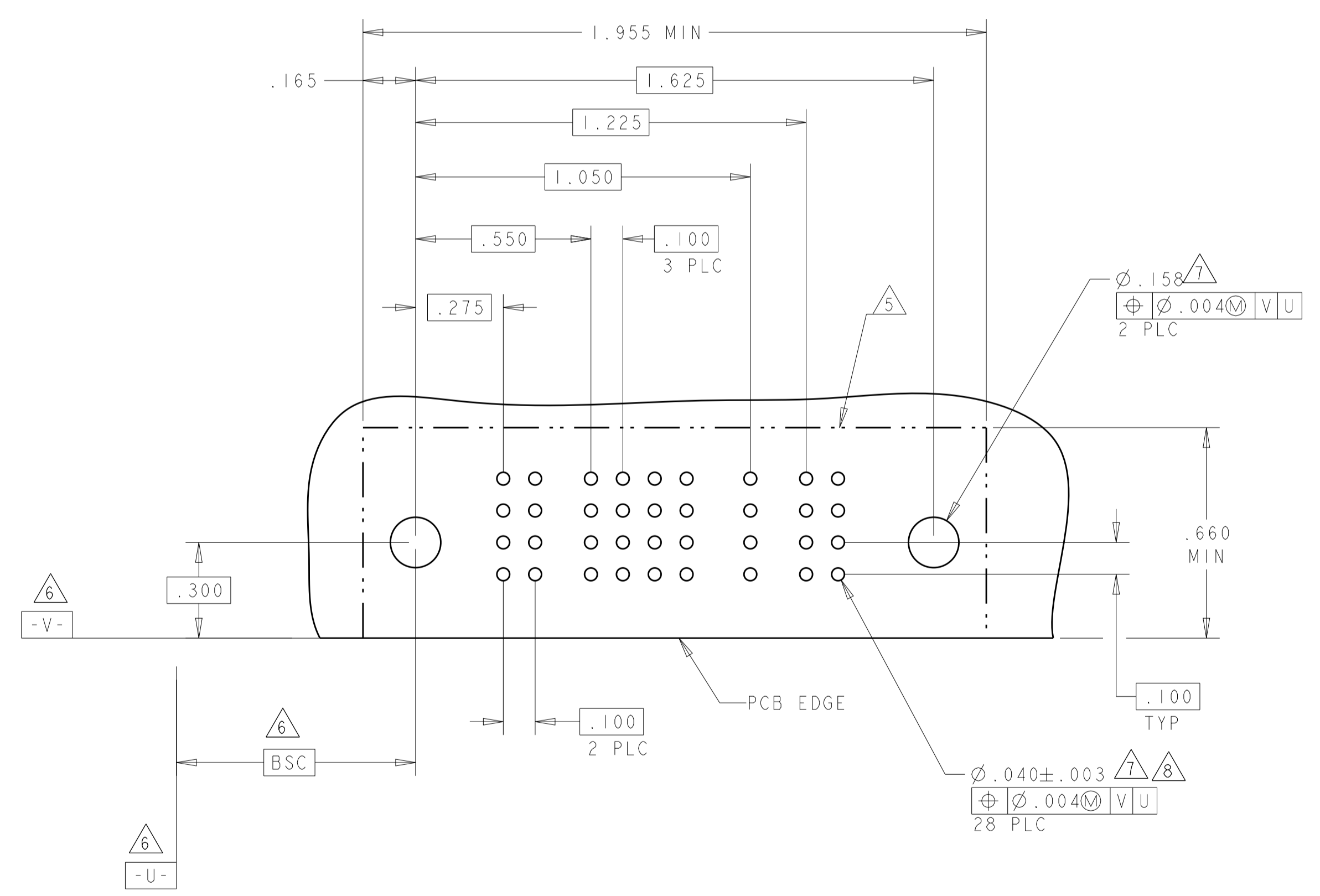
NO CONTACTS LOADED

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	J	J	J	J	PM	PM	
				K	K	K	K	K	K	K	K	K	K	K	K			K
				N	N	N	N	N	G	N	N	N	N	N	N			N
				S	S	S	S	S	S	S	S	S	S	S	S			S
IP + 24S + IP																		

NO CONTACTS LOADED



TE RECOMMENDED PCB LAYOUT



6-6450330-6 AND 6-6450330-7 PCB LAYOUT

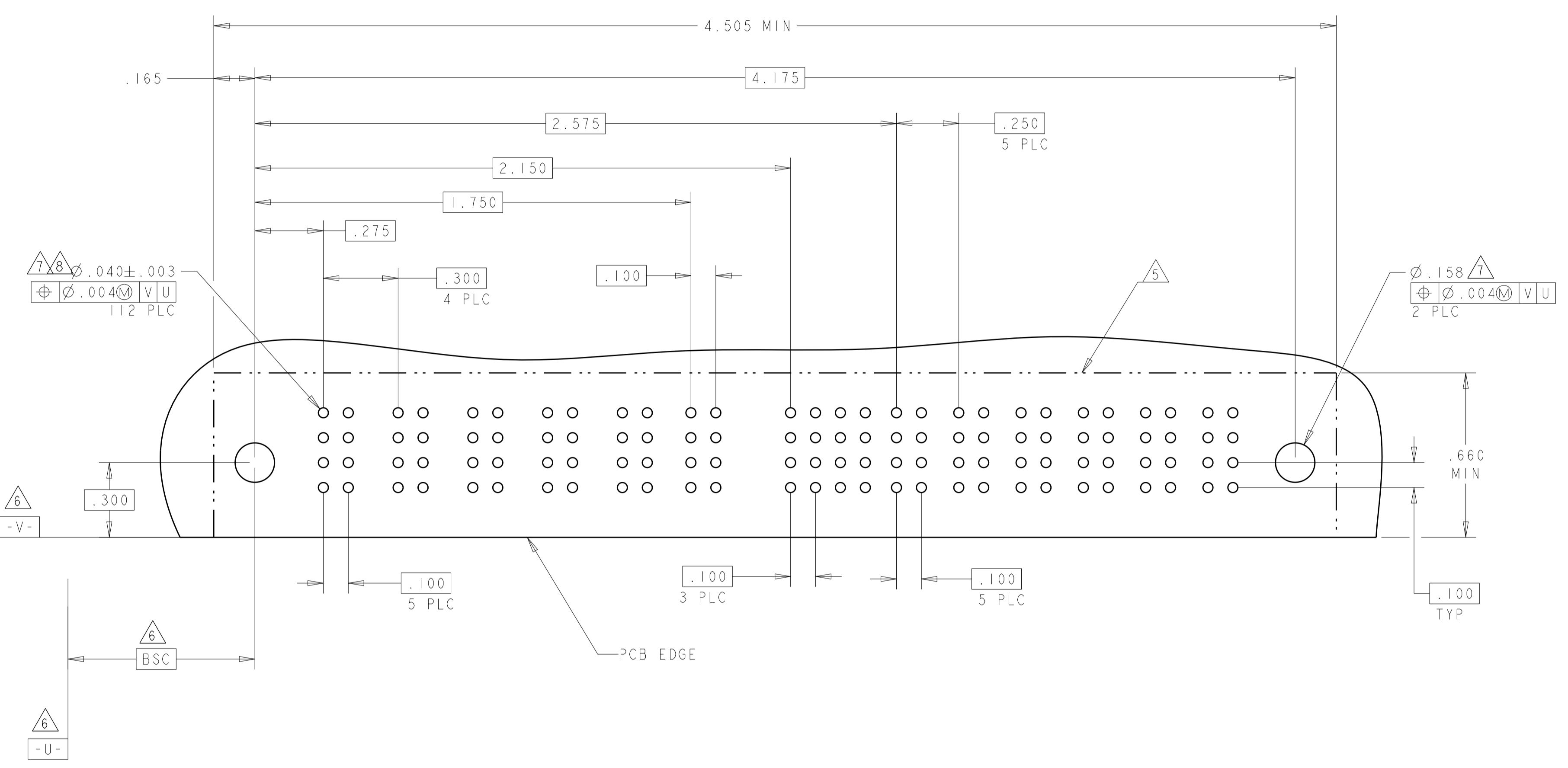
THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN: R. GRZYBOWSKI 28FEB05 CHK: M. PERCHERKE 28FEB05		TE Connectivity RIGHT ANGLE HEADER ASSEMBLY SOLDER TAILS, W/GUIDES MULTI-BEAM XL	
DIMENSIONS: INCHES		TOLERANCES UNLESS OTHERWISE SPECIFIED:			
MATERIAL:		FINISH:		SIZE: A1 CAGE CODE: 100779 DRAWING NO: 6450330 CUSTOMER DRAWING: - SCALE: 1:1 SHEET: 18 OF 19 REV: P.9	

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

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

5ACP + 32S + 6P

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: 0 PLC ±. 1 PLC ±. 2 PLC ±.01 3 PLC ±.005 4 PLC ±.0020 ANGLES ±2° FINISH		APVD: M. PERCHERKE	NAME: RIGHT ANGLE HEADER ASSEMBLY SOLDER TAILS, W/GUIDES MULTI-BEAM XL
		PRODUCT SPEC: 108-1973	SIZE: A100779
MATERIAL:		APPLICATION SPEC: 114-13038	DRAWING NO: 6450330
CUSTOMER DRAWING		WEIGHT:	RESTRICTED TO: P.9
SCALE: 1:1		SHEET: 19 OF 19	REV: P.9