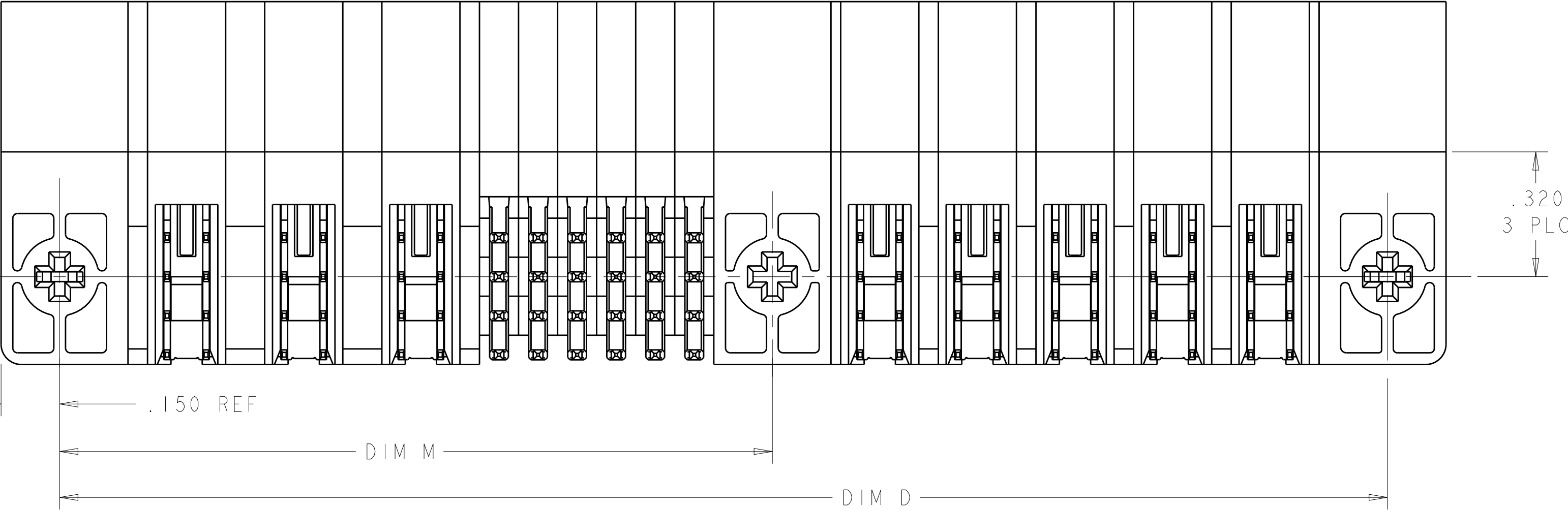
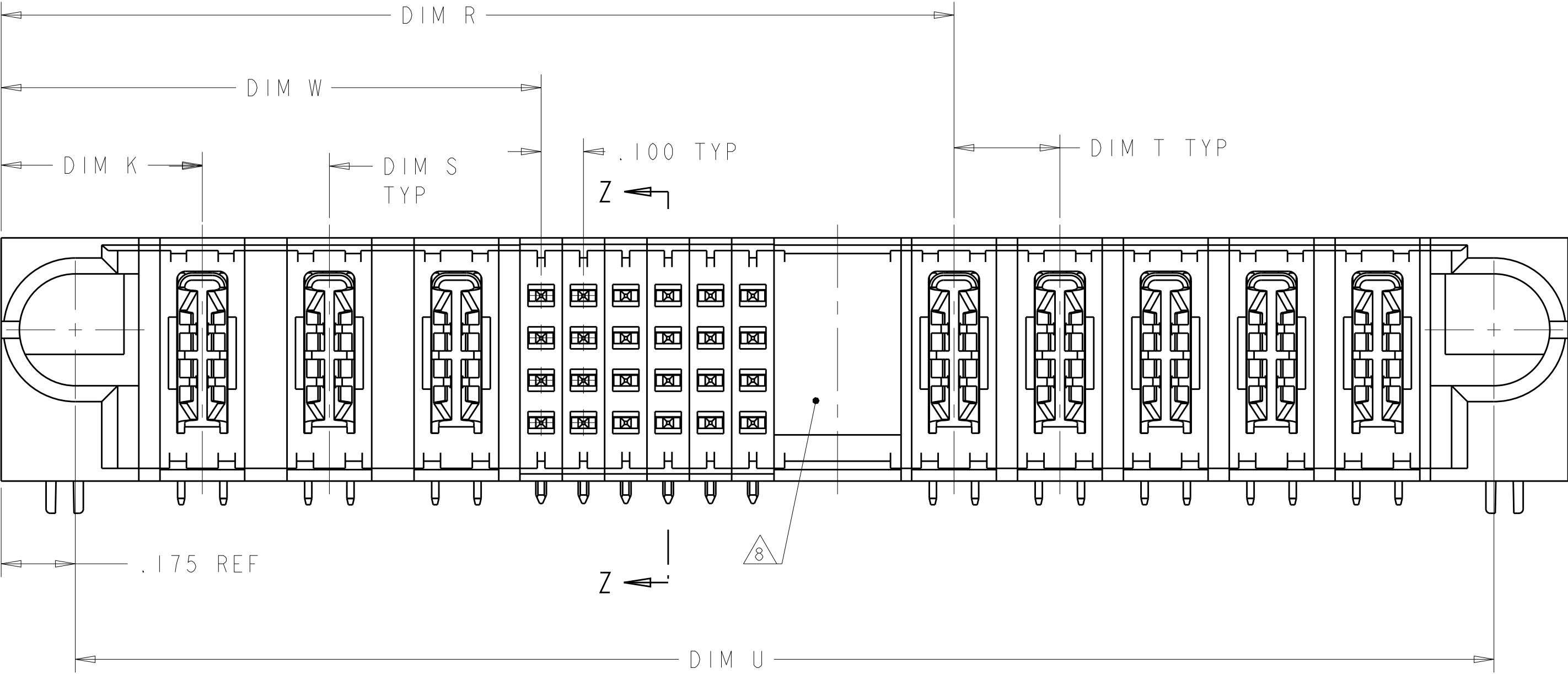
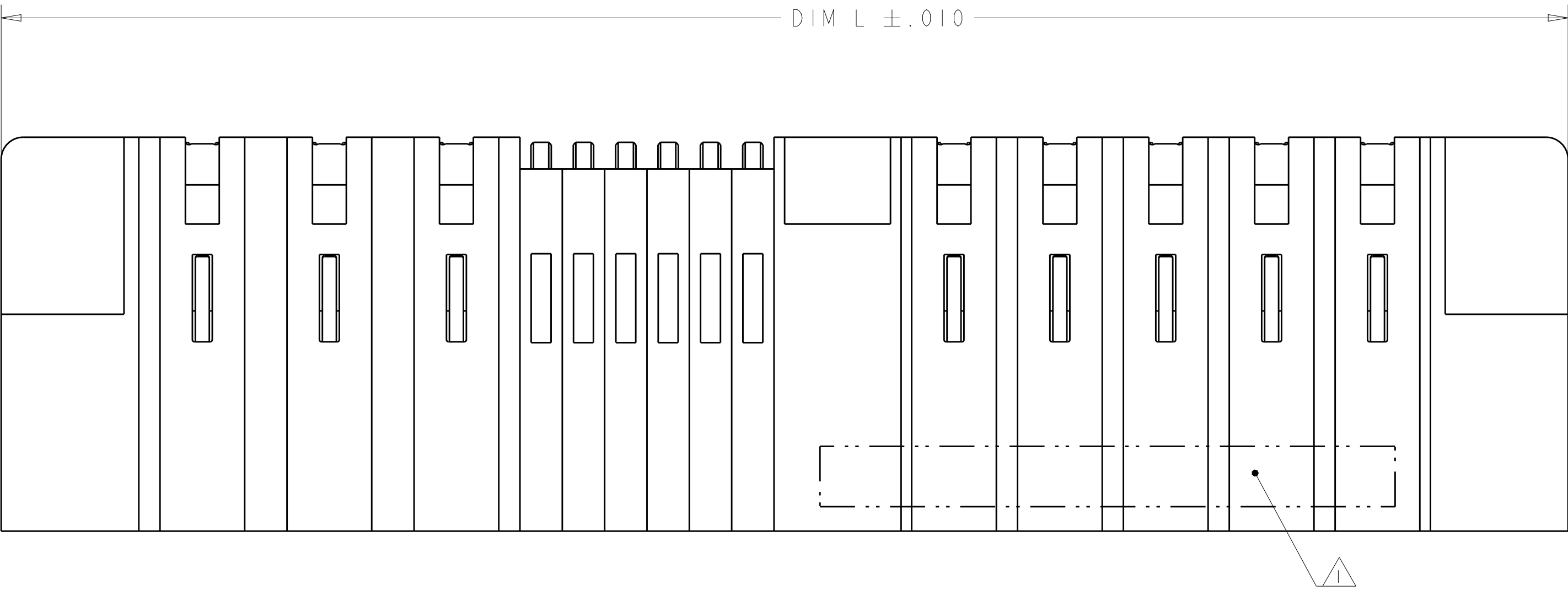
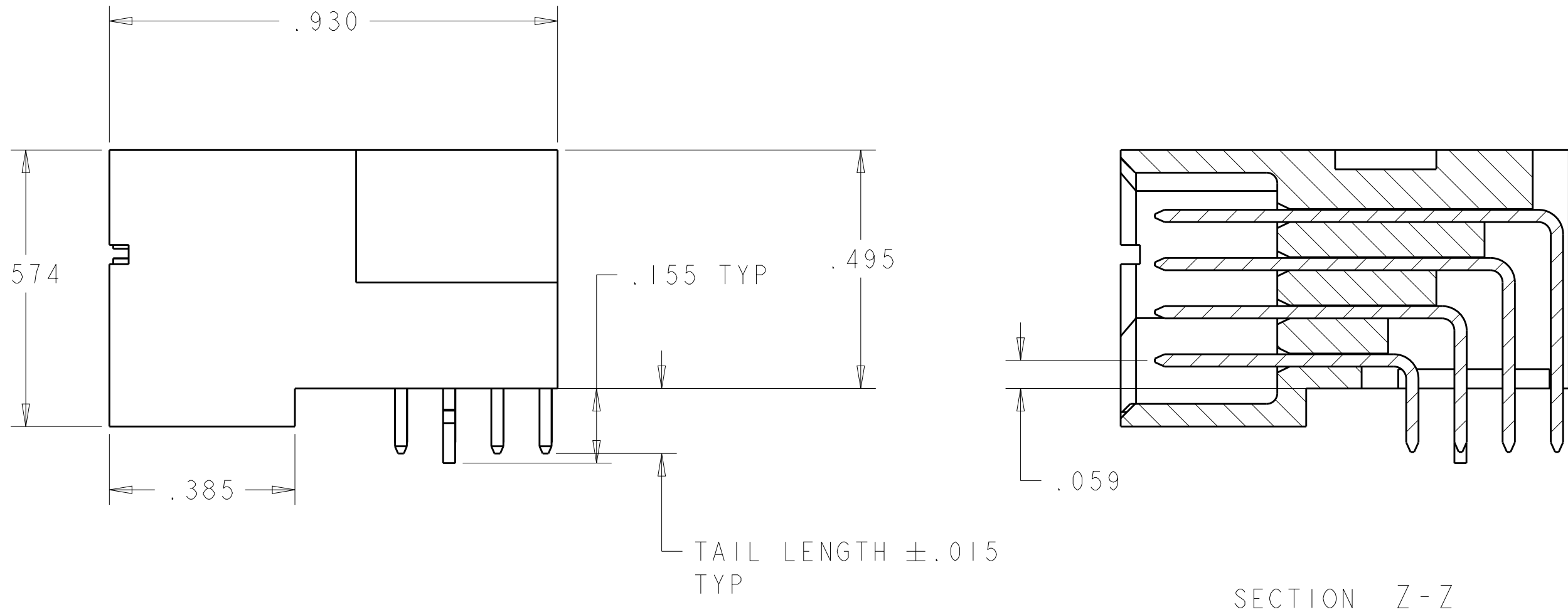


LOC	DIST	REVISIONS						
		P	LTR	DESCRIPTION	DATE	DWN	APVD	
ES	00		M1	ADD NEW DASH NUMBER 7-0	08FEB2014	AL	SZ	
			M2	ADD NEW DASH NUMBER	21MAR2014	AL	SZ	

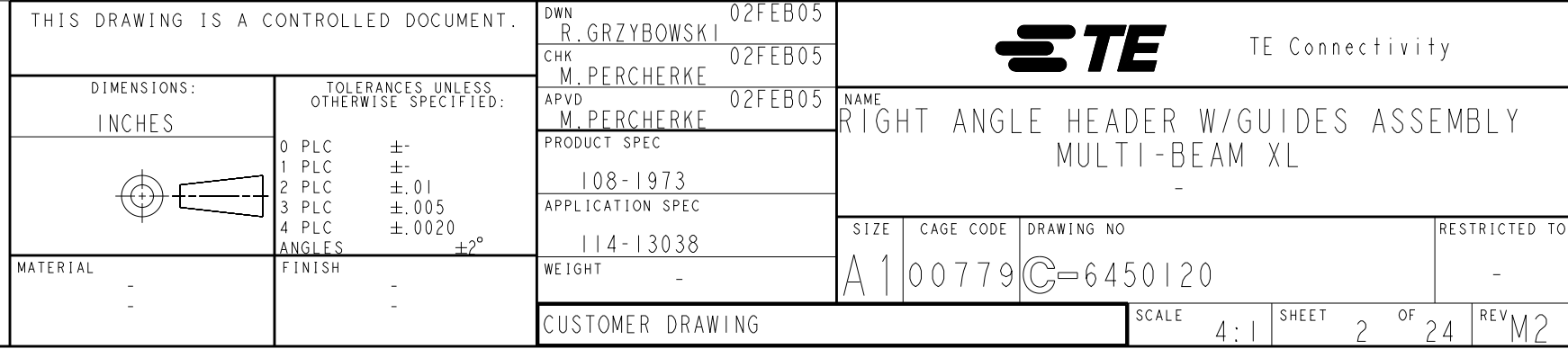


- 1 "AMP" PART NUMBER AND DATE CODE TO BE MARKED IN AREA SHOWN. PARTS UNDER 2.500 LONG MAY BE MARKED ON BOTH SIDES.
- 2 MATERIAL: HOUSING - GLASS FILLED HIGH TEMP THERMO PLASTIC, UL 94 V-0
SIGNAL CONTACT - COPPER ALLOY
POWER CONTACT - HIGH CONDUCTIVITY COPPER ALLOY.
- 3 CONTACT FINISHE:
NOBLE METAL PLATED ON THE 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 OPTIONAL CENTER MODULE WITH Ø.150 THRU HOLE OR HOLD DOWN FEATURE.

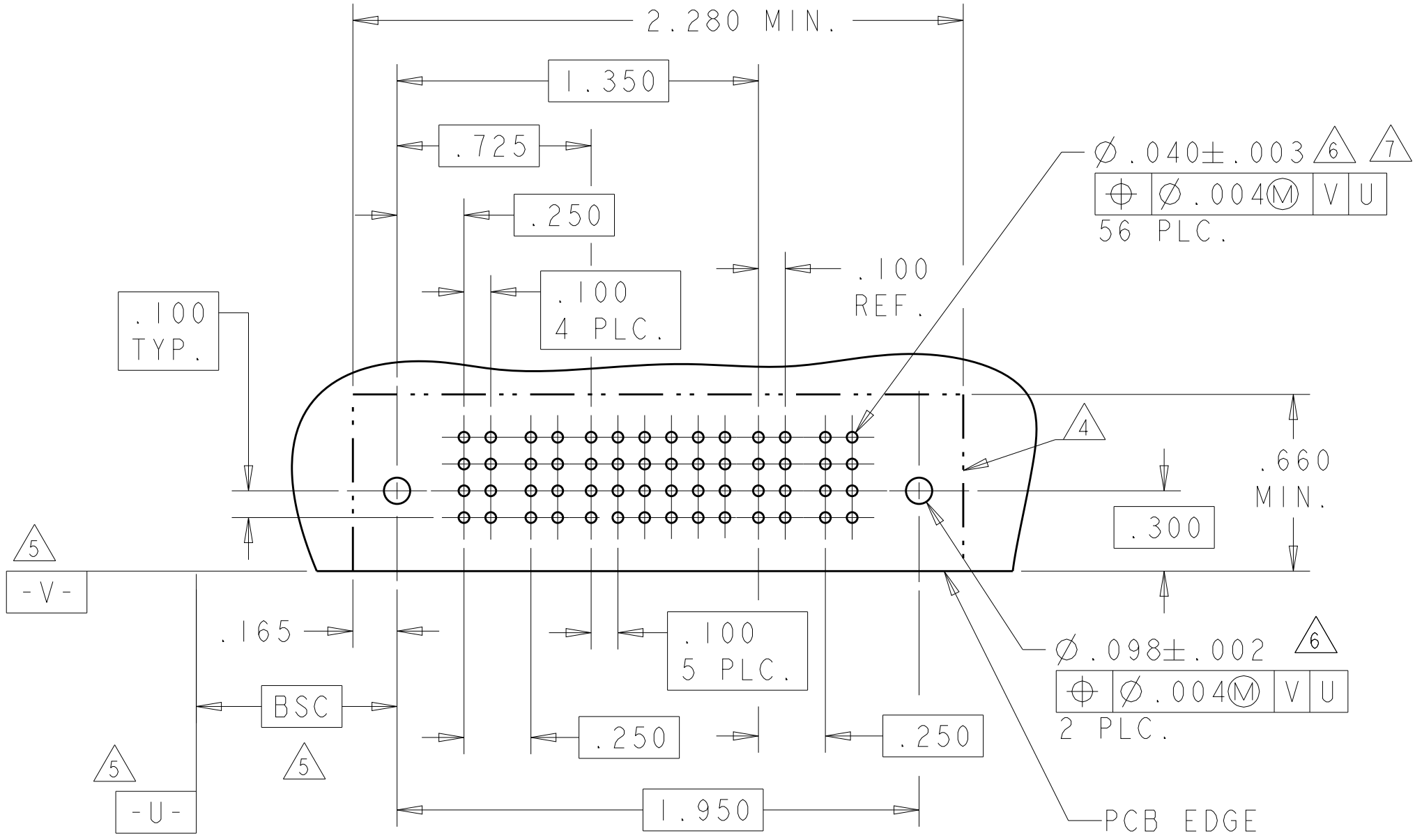


SECTION Z-Z

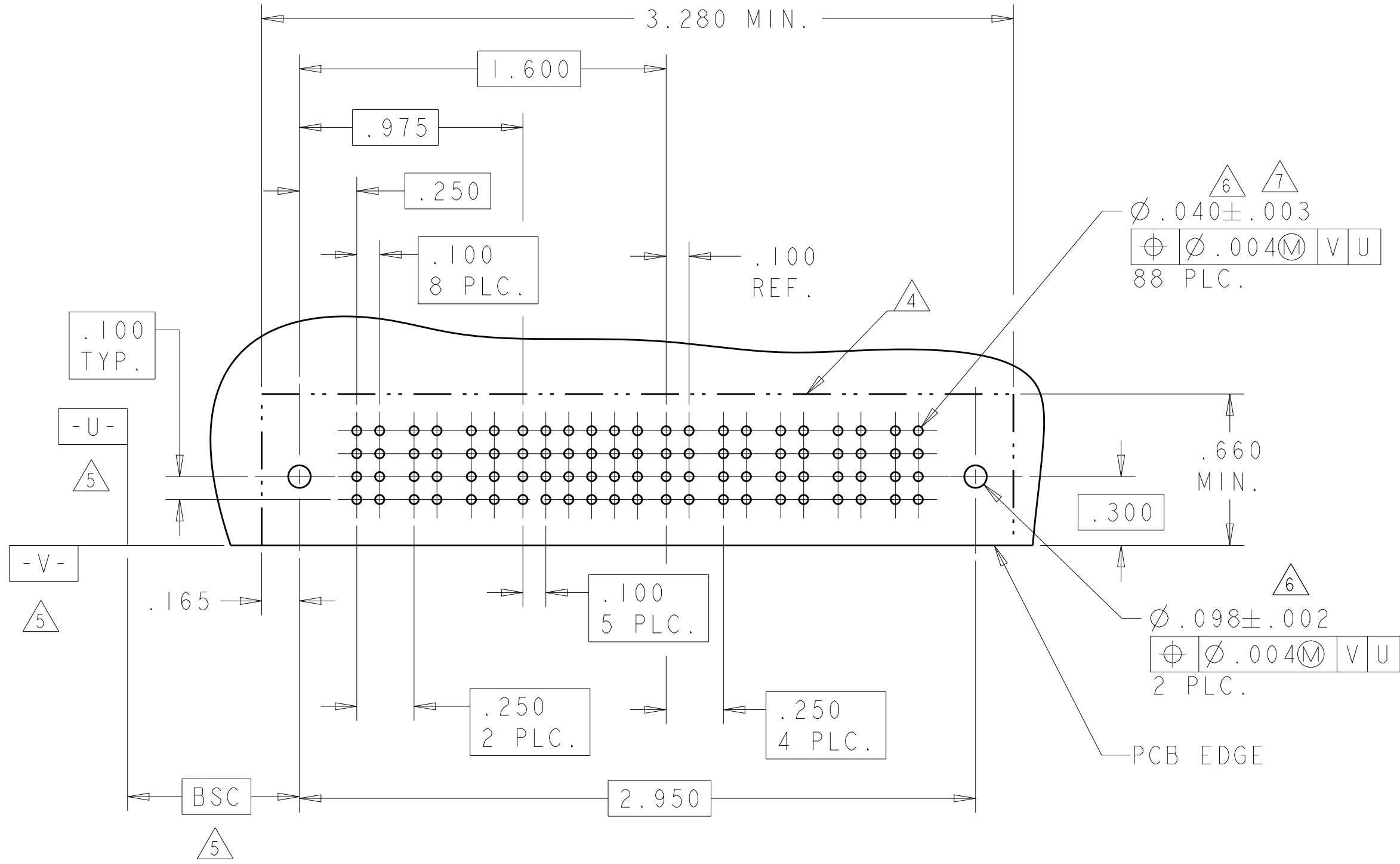
M2	1.700	.250	.250	1.300	.875	1.750	-	2.050	.450	2P+16S+2P	7-6450120-1	
	2.700	.200	-	2.600	1.425	2.750	-	3.050	.450	5P + 44S + 1P	7-6450120-0	
	1.100	-	-	1.000	.625	1.150	-	1.450	.450	1P+12S+1P	6-6450120-9	
	1.000	-	-	.900	.625	1.050	-	1.350	.450	1P + 8S + 1P	6-6450120-8	
	2.850	.300	.200	2.125	1.825	2.900	-	3.200	.450	7HDP + 8S + 3ACP	6-6450120-7	
	2.650	.250	.200	1.550	.875	2.700	-	3.000	.450	2P + 24S + 6P	6-6450120-6	
	2.300	.300	.250	1.950	1.275	2.350	-	2.650	.475	3ACP + 24S + 2P	6-6450120-5	
	3.100	.250	.250	2.250	1.875	3.150	-	3.450	.450	6P + 12S + 4P	6-6450120-4	
V	U	2.400	.250	.250	1.800	1.125	2.450	-	2.750	.475	3P + 24S + 3P	6-6450120-1
		3.000	.300	.250	1.650	1.325	3.050	-	3.350	.475	3ACP + 8S + 6P	6-6450120-0
		1.900	.300	.250	1.550	1.275	1.950	-	2.250	.475	3ACP + 8S + 2P	5-6450120-9
		2.800	-	-	-	0.375	2.850	-	3.150	-	100S	5-6450120-8
		2.700	.250	.250	2.100	1.125	2.750	-	3.050	.450	3P + 36S + 3P	5-6450120-7
		1.100	-	-	1.000	.625	1.150	-	1.450	.450	1P + 12S + 1P	5-6450120-6
		3.250	.300	.250	2.525	2.175	3.300	-	3.600	.450	7P + 8S + 3ACP	5-6450120-5
		2.400	.250	.250	1.550	.875	2.450	-	2.750	.450	2P + 24S + 4P	5-6450120-3
		5.400	.300	.300	2.875	2.175	5.450	-	5.750	.475	6P + 24S + 9P	5-6450120-2
		3.800	.250	.300	1.875	1.375	3.850	-	4.150	.450	4P + 16S + 7ACP	5-6450120-0
		1.600	.250	.250	1.250	.875	1.650	-	1.950	.450	2P + 12S + 2P	4-6450120-9
		2.900	.250	.250	2.050	1.375	2.950	-	3.250	.450	4P + 24S + 4P	4-6450120-8
		1.900	.250	.250	1.550	0.875	1.950	-	2.250	.450	2P + 24S + 2P	4-6450120-7
		2.000	.250	.250	1.400	1.125	2.050	-	2.350	.450	3P + 8S + 3P	4-6450120-6
		2.900	.250	.250	3.550	2.875	5.950	-	6.250	.450	10P + 24S + 10P	4-6450120-5
		3.700	.200	.300	2.700	2.025	3.750	-	4.050	.450	8P + 24S + 4ACP	4-6450120-4
		2.900	.300	.250	2.050	1.575	2.950	-	3.250	.475	4ACP+16S+4P	4-6450120-3
		4.375	.250	.300	3.375	2.375	4.425	3.100	4.725	.450	8P + 24S + 1M + 4ACP	4-6450120-2
		4.100	.300	.250	2.250	1.575	4.150	-	4.450	.475	4ACP + 24S + 8P	4-6450120-0
		3.800	.250	.250	3.450	.875	3.850	-	4.150	.450	2P + 100S + 2P	3-6450120-6
		4.600	.250	.250	3.250	1.875	4.650	-	4.950	.450	6P + 52S + 6P	3-6450120-5
		5.100	.250	.250	3.500	2.175	5.150	-	5.450	.450	7P + 48S + 7P	3-6450120-4
		3.500	.250	.300	2.775	2.375	3.550	-	3.850	.450	8P + 12S + 3ACP	3-6450120-3
		4.000	.200	.200	2.700	1.825	4.050	-	4.350	.450	7HDP + 32S + 7HDP	3-6450120-0
		3.900	.250	.250	2.550	1.875	3.950	-	4.250	.450	6P + 24S + 6P	2-6450120-7
		5.200	.300	.250	2.350	1.625	5.250	-	5.550	.475	4ACP + 24S + 12P	2-6450120-6
		2.500	.250	.250	2.150	1.425	2.550	-	2.850	.450	4P + 24S + 2P	2-6450120-5
		3.600	.250	.250	2.500	1.625	3.650	-	3.950	.450	5P + 32S + 5P	2-6450120-4
		2.500	.250	.250	2.150	.875	2.550	-	2.850	.450	2P + 48S + 2P	2-6450120-3
		4.500	.300	.250	1.650	.975	4.550	-	4.850	.475	2ACP + 24S + 12P	2-6450120-2
		2.850	.250	.250	2.000	1.125	2.900	-	3.200	.450	3P + 32S + 4P	2-6450120-1
		3.950	.200	.250	2.125	1.025	4.000	-	4.300	.425	3P + 40S + 8P	2-6450120-0
		1.400	-	-	1.300	.625	1.450	-	1.750	.450	1P + 24S + 1P	1-6450120-6
		2.000	.300	.300	1.575	.975	2.050	-	2.350	.475	2P + 20S + 2P	1-6450120-4
		1.200	-	-	1.100	.625	1.250	-	1.550	.450	1P + 16S + 1P	1-6450120-3
		2.400	.250	.250	1.800	1.125	2.450	-	2.750	.450	3P + 24S + 3P	1-6450120-2
		2.675	.200	.200	2.375	1.650	2.725	-	3.025	.450	5P + 24S + 2P	1-6450120-1
		4.350	.250	.250	3.500	2.625	4.400	-	4.700	.450	9P + 32S + 4P	1-6450120-0
		4.150	.250	.250	2.800	2.125	4.200	-	4.500	.450	7P + 24S + 6P	6450120-9
		2.800	.250	.300	2.075	1.375	2.850	-	3.150	.450	4P + 24S + 3ACP	6450120-8
		3.050	.300	.250	1.950	1.275	3.100	-	3.400	.475	3ACP + 24S + 5P	6450120-7
		7.400	.250	.250	5.050	2.875	7.450	-	7.750	.450	10P + 84S + 10P	6450120-6
		4.350	.250	.250	3.000	2.125	4.400	-	4.700	.450	7P + 32S + 6P	6450120-5
		3.650	.250	.250	2.550	1.875	3.700	-	4.000	.450	6P + 24S + 5P	6450120-4
		2.900	.250	.250	1.800	1.125	2.950	-	3.250	.450	3P + 24S + 5P	6450120-3
		1.900	.250	.250	1.550	0.875	1.950	-	2.250	.450	2P + 24S + 2P	6450120-2
		5.100	.250	.250	3.250	2.375	5.150	-	5.450	.450	8P + 32S + 8P	6450120-1
		U	S	T	R	W	D	M	L	K	DESCRIPTION	PART NUMBER



PART NUMBER	ROWS		POWER		SIGNAL						POWER		
			P1	P2	1	2	3	4	5	6	P3	P4	
6450120-2	D C B A		PM	PM	J	J	J	J	J	J	PM	PM	
					K	K	K	K	K	K			
					N	N	N	N	N	N			
					S	S	S	S	S	S			
2P + 24S + 2P													

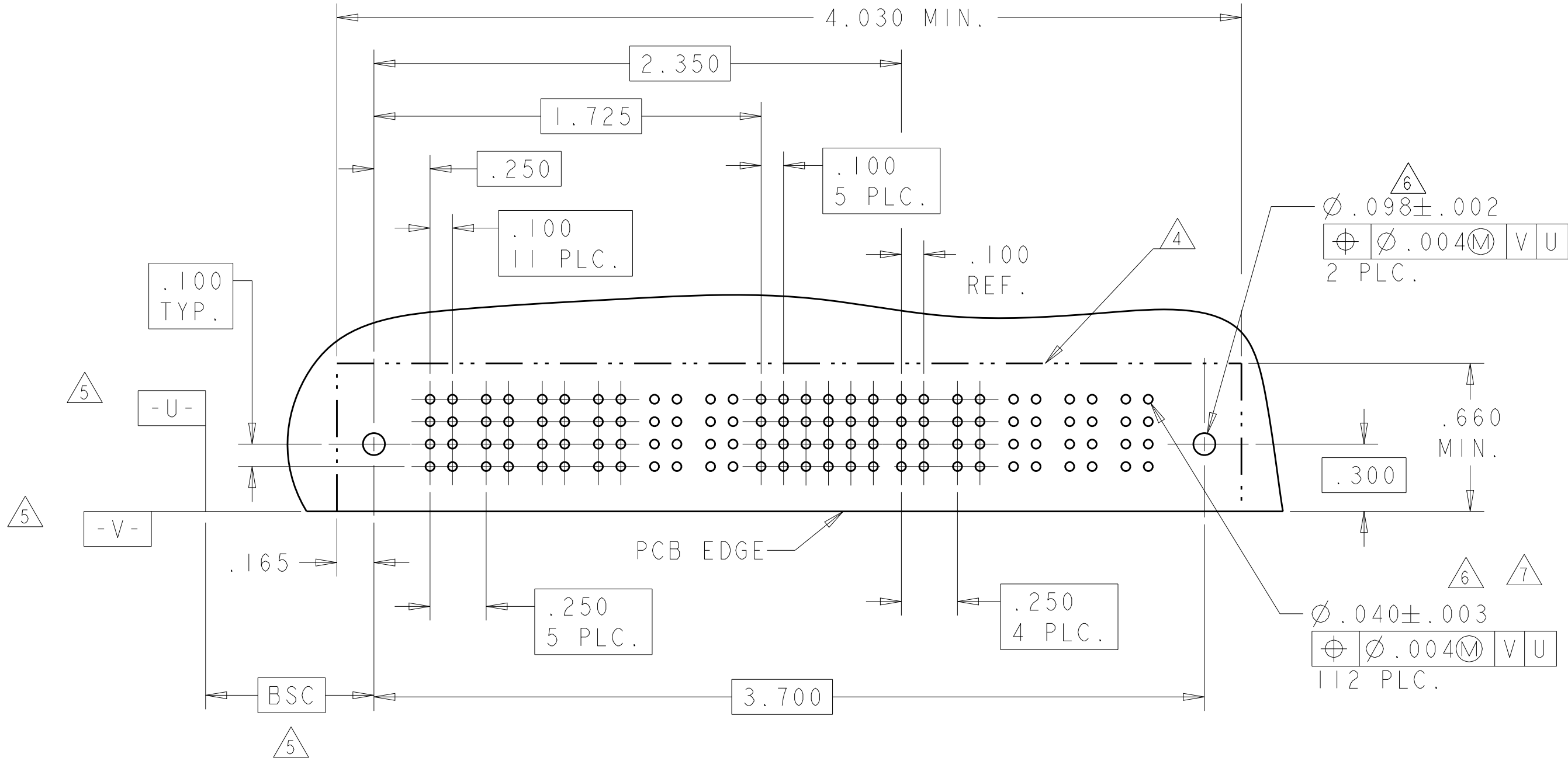


PART NUMBER	ROWS		POWER			SIGNAL						POWER					
			P1	P2	P3	1	2	3	4	5	6	P4	P5	P6	P7	P8	
6450120-3	D C B A					J	J	J	J	J	J						
						K	K	K	K	K	K						
						N	N	N	N	N	N						
						S	S	S	S	S	S						
3P + 24S + 5P																	



LOC	DIST	REVISIONS					
		P	LTR	DESCRIPTION	DATE	DWN	APVD
ES	00	-	-	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	
6450120-4	D C B A		PM	PM	PM	PM	PM	PM	J	J	J	J	J	J	PM	PM	PM	PM	PM	
									K	K	K	K	K	K						
									N	N	N	N	N	N						
									S	S	S	S	S	S						
6P + 24S + 5P																				



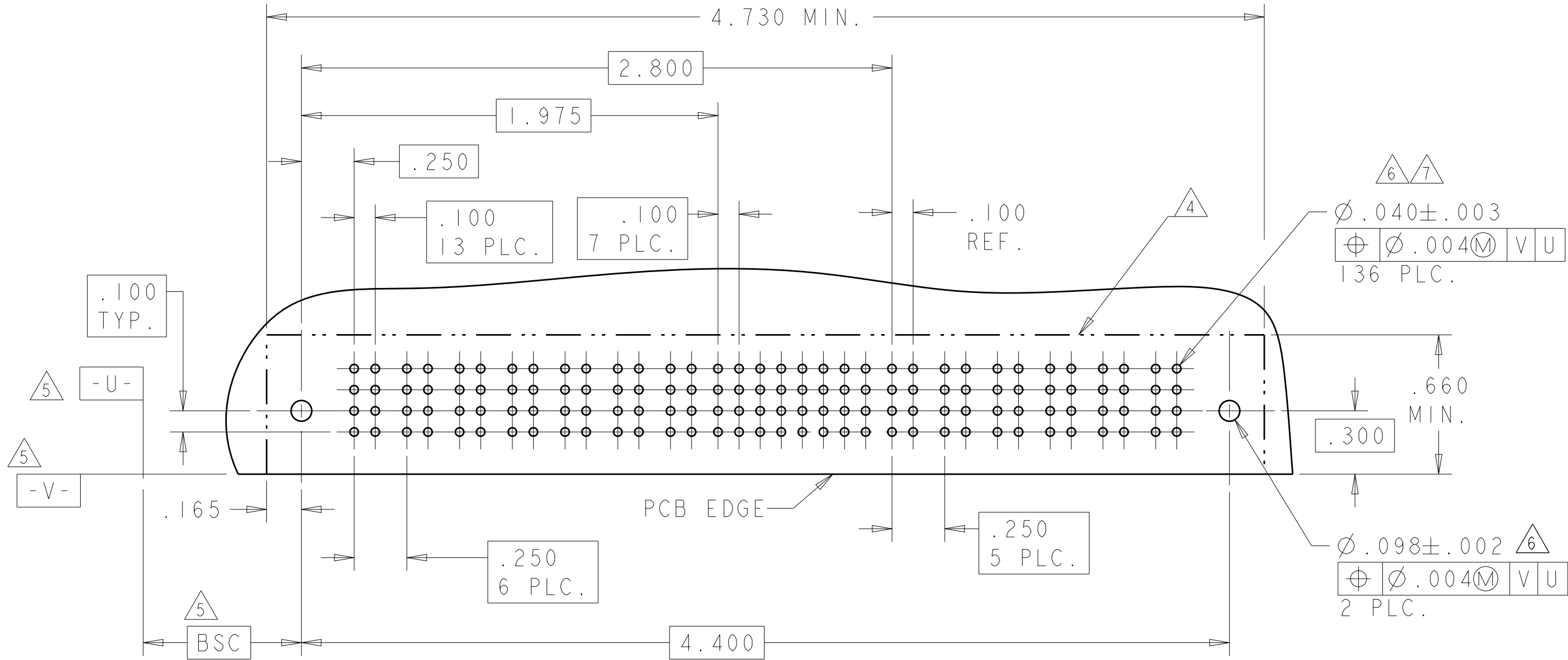
H	MLBF	.135	A
G	MLBF	.135	B
F	MLBF	.135	C
E	MLBF	.135	D
L4	STD	.165	D
L3	STD	.165	B
L2	STD	.165	C
L1	STD	.165	A
Z	STD	.090	D
Y	STD	.090	C
R	STD	.090	B
O	STD	.090	A
F	MLBF	.135	C
G	MLBF	.135	B
J	STD	.135	D
K	STD	.135	C
N	STD	.135	B
S	STD	.135	A
CODE	MATING SEQUENCE	TAIL LENGTH	ROW

PD	.165
PA	.090
PM	.135
CODE	TAIL LENGTH
POWER CONTACT	

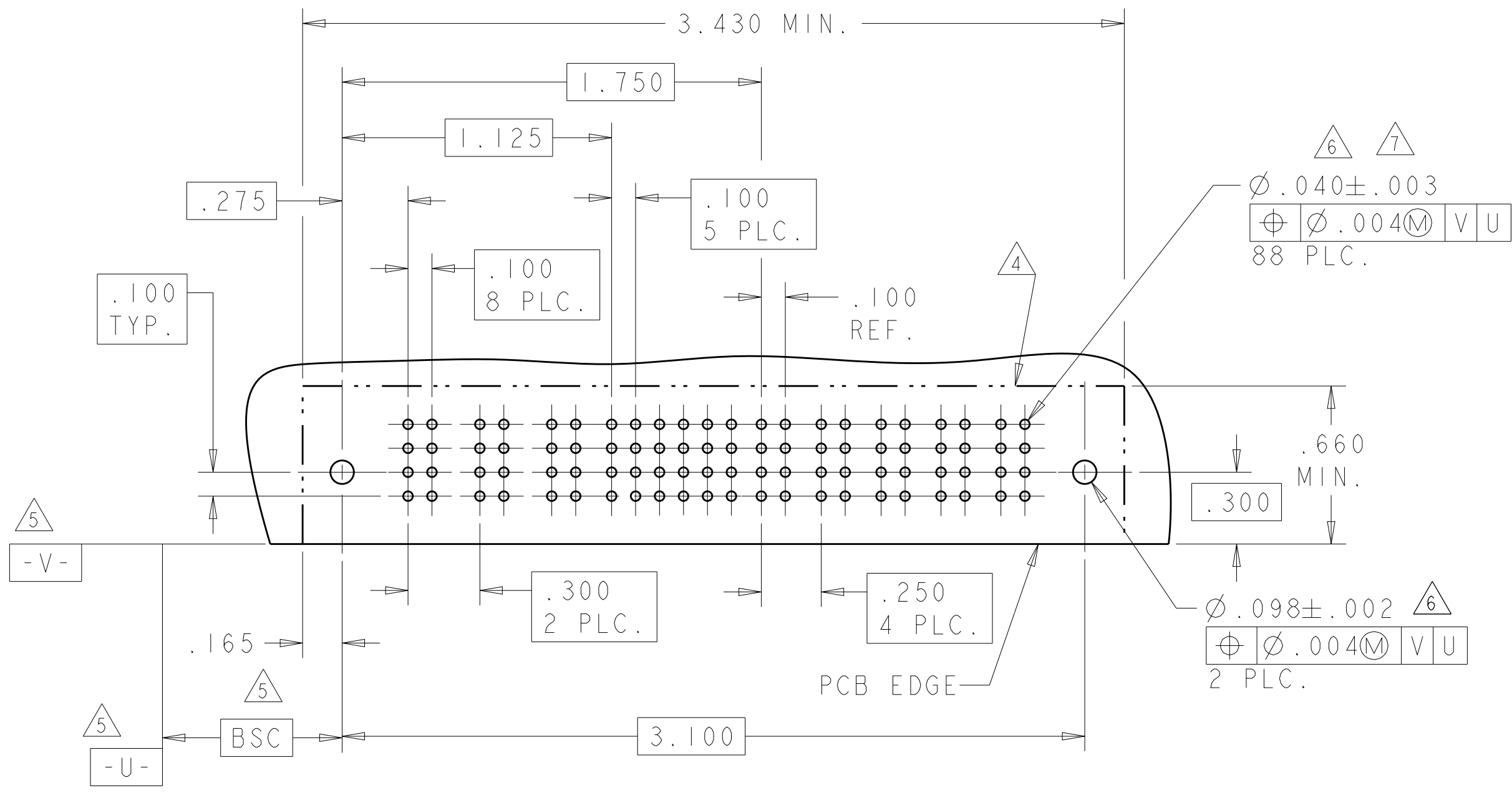
THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN R. GRZYBOWSKI 02FEB05	TE Connectivity	
DIMENSIONS: INCHES		CHK M. PERCHERKE 02FEB05	RIGHT ANGLE HEADER W/GUIDES ASSEMBLY MULTI-BEAM XL	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD M. PERCHERKE 02FEB05	NAME	
0 PLC ±.01		PRODUCT SPEC	SIZE	
1 PLC ±.01		APPLICATION SPEC	CAGE CODE	
2 PLC ±.005		108-1973	DRAWING NO	
3 PLC ±.005		114-13038	RESTRICTED TO	
4 PLC ±.0020		WEIGHT	A100779	
ANGLES FINISH		CUSTOMER DRAWING	SCALE 4:1	
MATERIAL		DATE	SHEET 3 OF 24	
		REV M2		

LOC	DIST	REVISONS			
		P	LTR	DESCRIPTION	DATE
ES	00	-	-	SEE SHEET 1	-

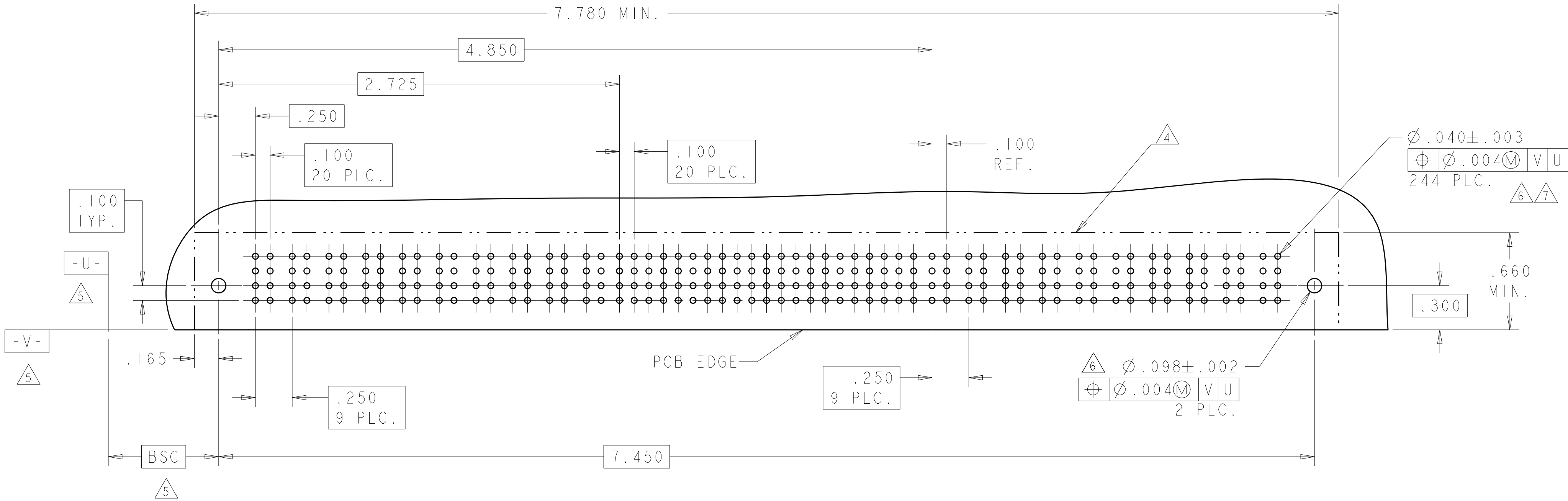
PART NUMBER	ROWS		POWER							SIGNAL								POWER						
			P1	P2	P3	P4	P5	P6	P7	1	2	3	4	5	6	7	8	P8	P9	P10	P11	P12	P13	
6450120-5	D C B A		PM	PM	PM	PM	PM	PM	PM	J	J	J	J	J	J	J	J	PM	PM	PM	PM	PM	PM	
										K	K	K	K	K	K	K	K							
										N	N	N	N	N	N	N	N							
										S	S	S	S	S	S	S	S							
7P + 32S + 6P																								HD



PART NUMBER	ROWS		POWER			SIGNAL						POWER						
			P1	P2	P3	1	2	3	4	5	6	P4	P5	P6	P7	P8		
6450120-7	D C B A		PM	PM	PM	J	J	J	J	J	J	PM	PM	PM	PM	PM		
						K	K	K	K	K	K							
						N	N	N	N	N	N							
						S	S	S	S	S	S							
3ACP + 24S + 5P																		HD



PART NUMBER	ROWS		POWER										SIGNAL																					POWER																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
			P1	P2	P3	P4	P5	P6	P7	P8	P9	P10	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	P11	P12	P13	P14	P15	P16	P17	P18	P19	P20																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
6450120-6	D C B A		PM	PM	PM	PM	PM	PM	PM	PM	PM	PM	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J



THIS DRAWING IS A CONTROLLED DOCUMENT.

OWN: R. GRZYBOWSKI 02FEB05
CHK: M. PERCHERKE 02FEB05
APVD: M. PERCHERKE 02FEB05

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

CUSTOMER DRAWING

TE Connectivity

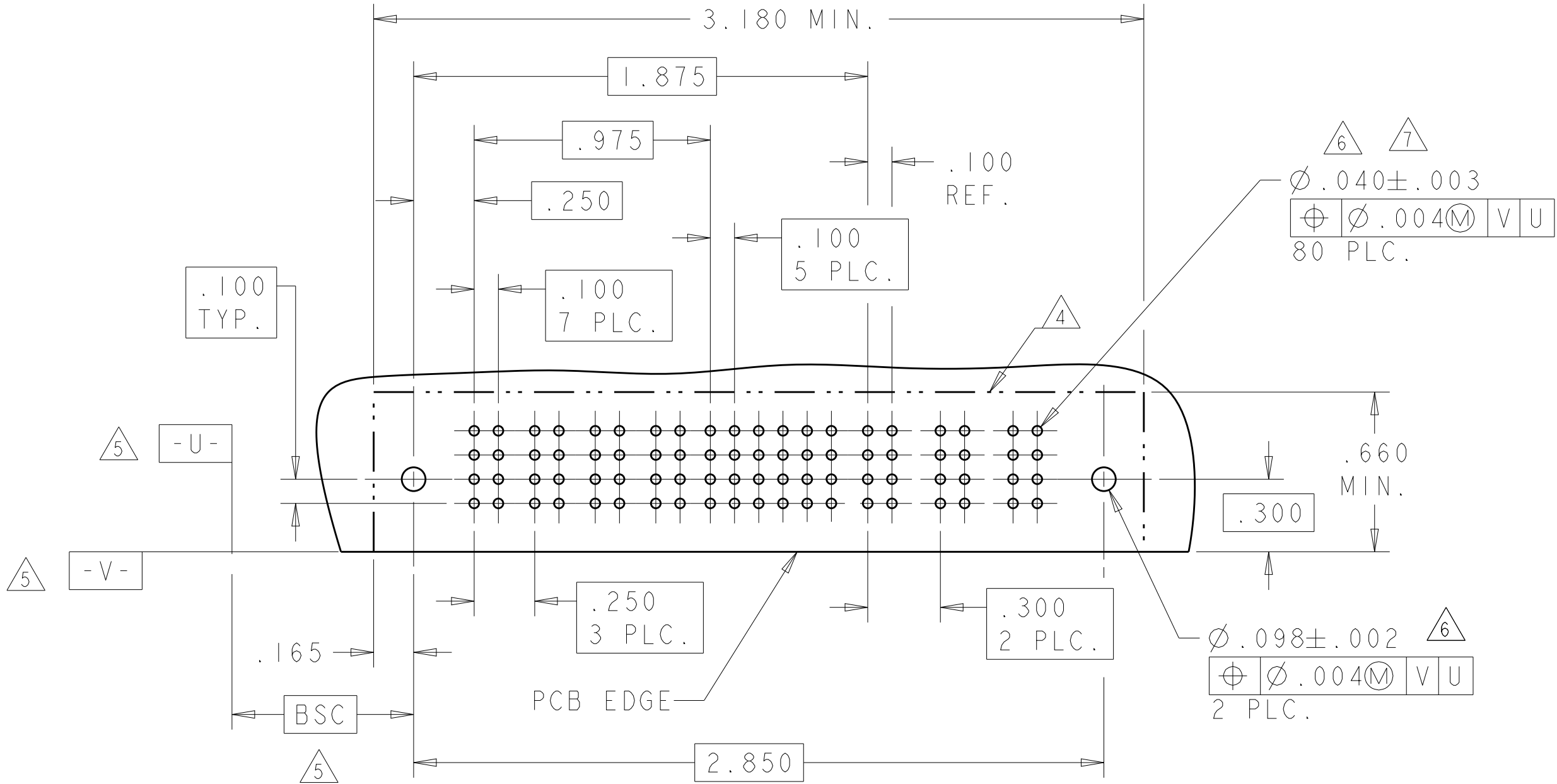
RIGHT ANGLE HEADER W/GUIDES ASSEMBLY
MULTI-BEAM XL

SIZE: A1
CAGE CODE: 00779
DRAWING NO: 6450120

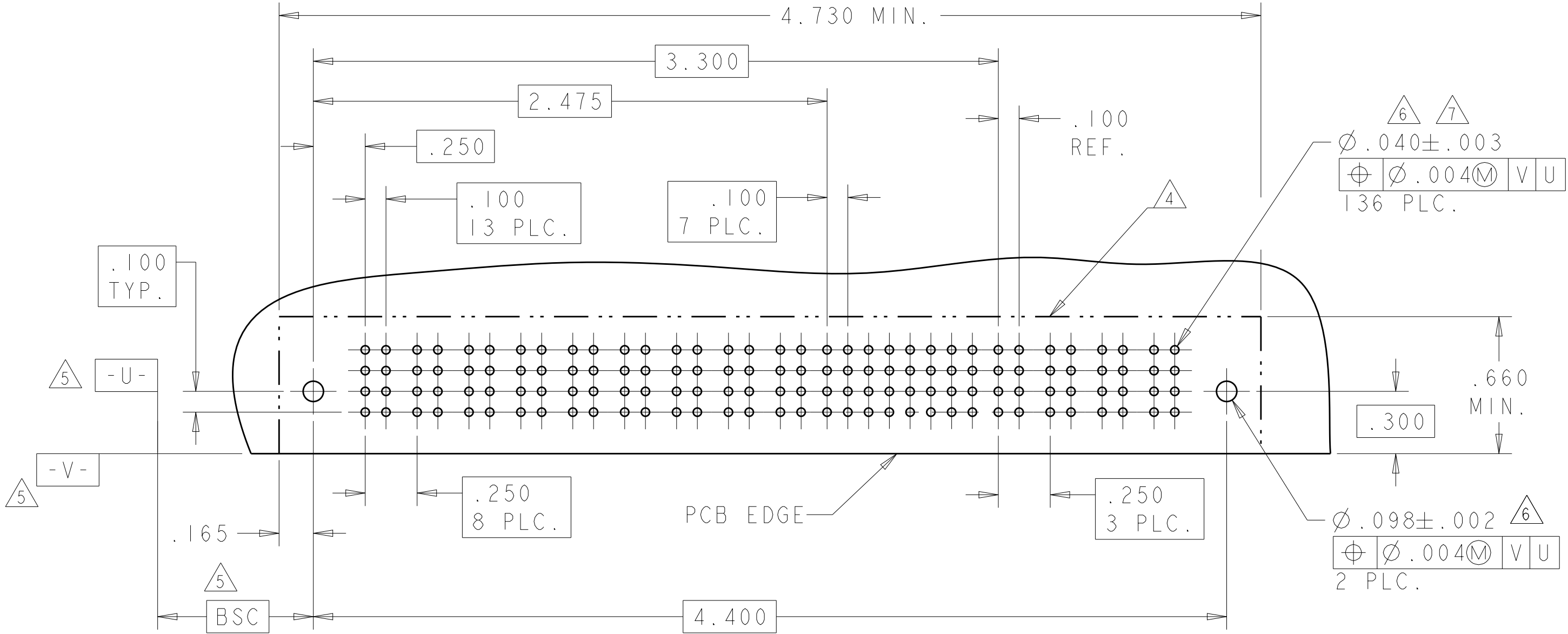
RESTRICTED TO: -

SCALE: 4:1
SHEET: 4 OF 24
REV: M2

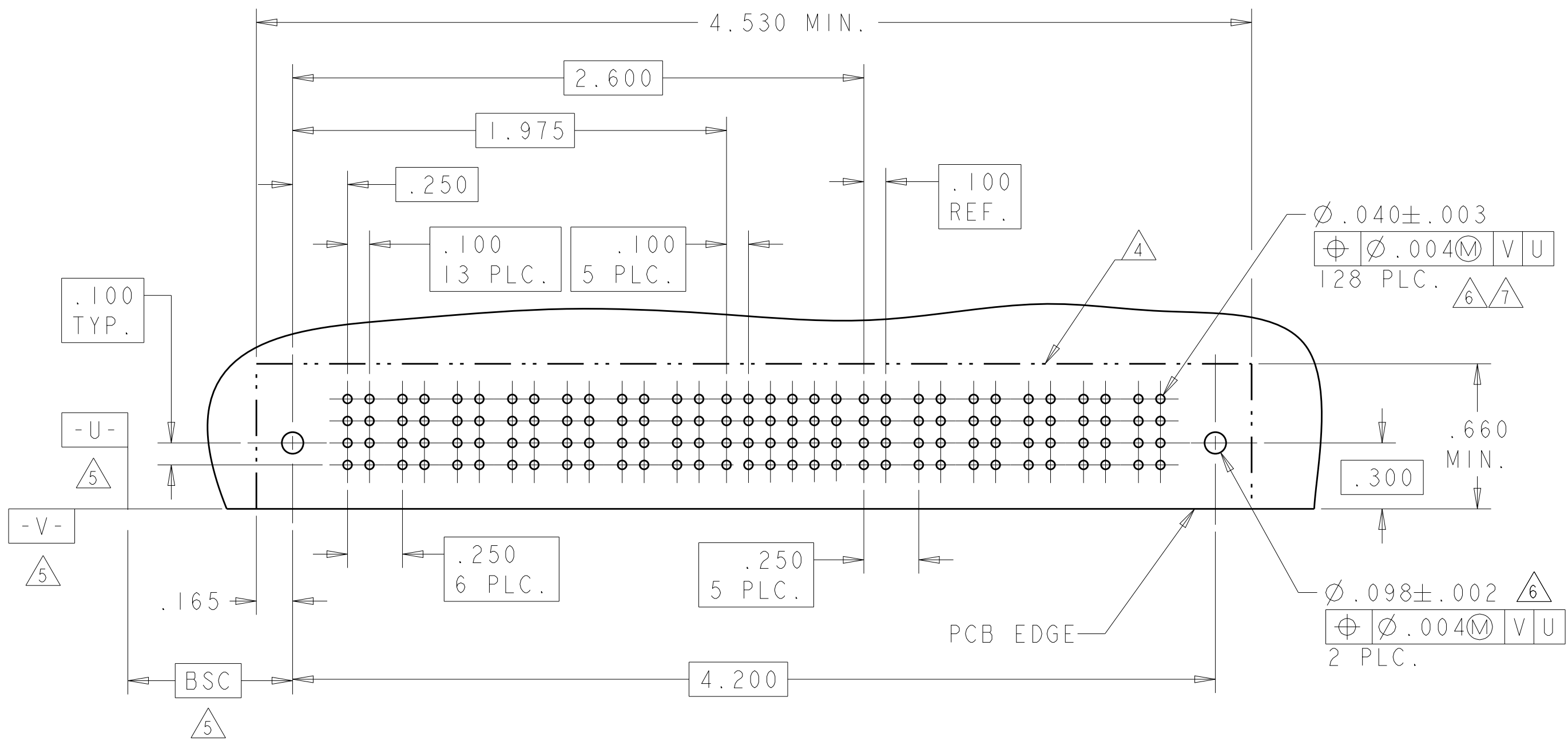
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6450120-8	D C B A		PM	PM	PM	PM	J	J	J	J	J	J	PM	PM	PM	
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							N	N	N	N	N	N				
							S	S	S	S	S	S				
4P + 24S + 3ACP																



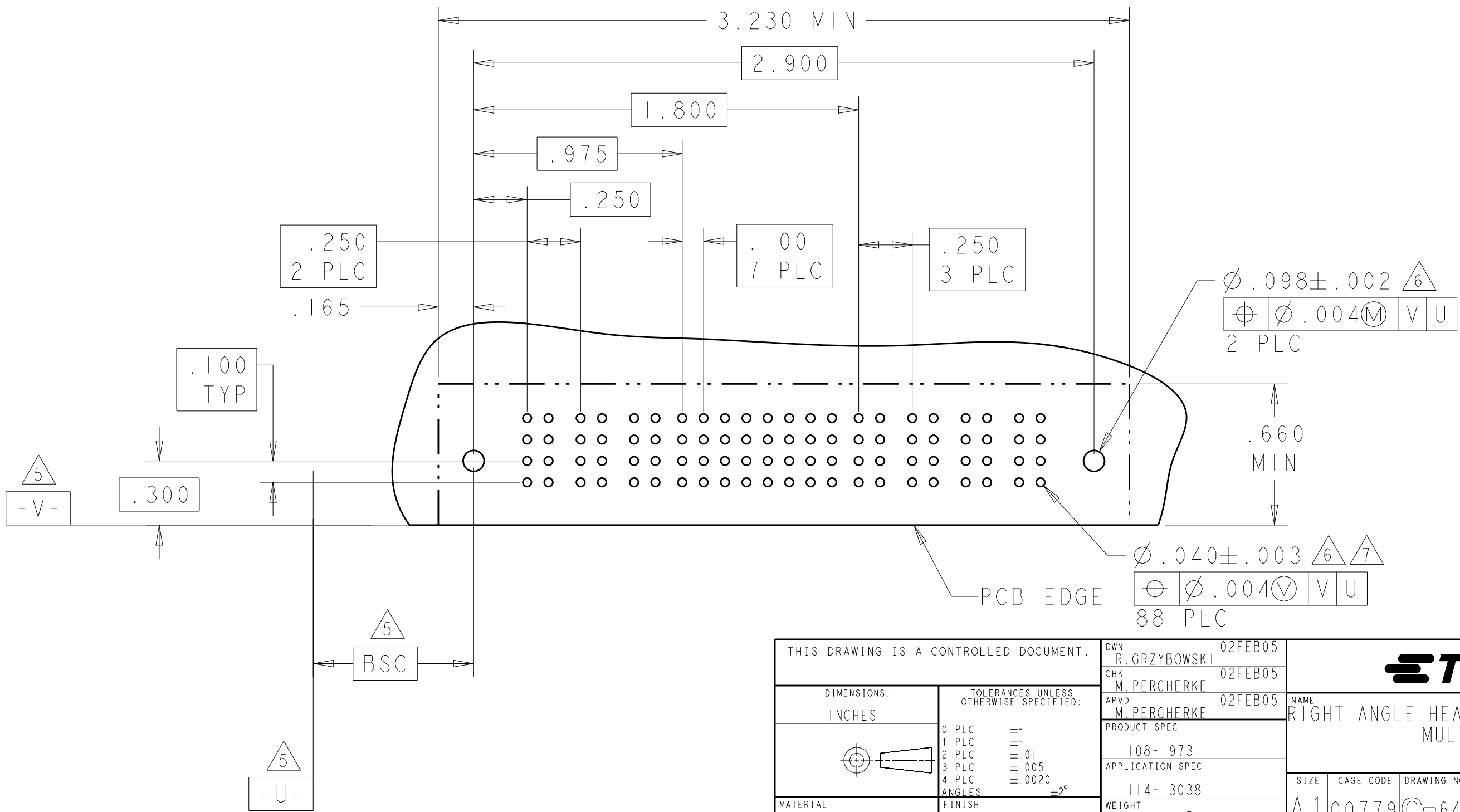
PART NUMBER	ROWS		POWER									SIGNAL								POWER				
			P1	P2	P3	P4	P5	P6	P7	P8	P9	1	2	3	4	5	6	7	8	P10	P11	P12	P13	
1-6450120-0	D C B A		PM	PM	PM	PM	PM	PM	PM	PM	J	J	J	J	J	J	J	J	PM	PM	PM	PM		
											K	K	K	K	K	K	K	K						
											N	N	N	N	N	N	N	N						
											S	S	S	S	S	S	S	S						
9P + 32S + 4P																								



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		
6450120-9	D C B A								J	J	J	J	J	J									
									K	K	K	K	K	K									
									N	N	N	N	N	N									
									S	S	S	S	S	S									
7P + 24S + 6P																							



PART NUMBER	ROWS		POWER			SIGNAL								POWER					
			P1	P2	P3	1	2	3	4	5	6	7	8	P4	P5	P6	P7		
2-1450120-1	4			PM	PM	PM	J	J	J	J	J	J	J	J	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						
3P + 32S + 4P																			



[illegible]

2.780 MIN.

1.600

.250 REF

.975

.250

.250
4 PLC

.100
TYP.

-U-

5

-V-

5

.165

.100
6 PLC.

PCB EDGE

.100
5 PLC.

.100
REF.

.660 MIN.

.300

6 7

$\varnothing .040 \pm .003$

$\oplus \varnothing .004 \text{ (M)} \text{ V U}$

72 PLC.

6

$\varnothing .098 \pm .002$

$\oplus \varnothing .004 \text{ (M)} \text{ V U}$

2 PLC

5

BSC

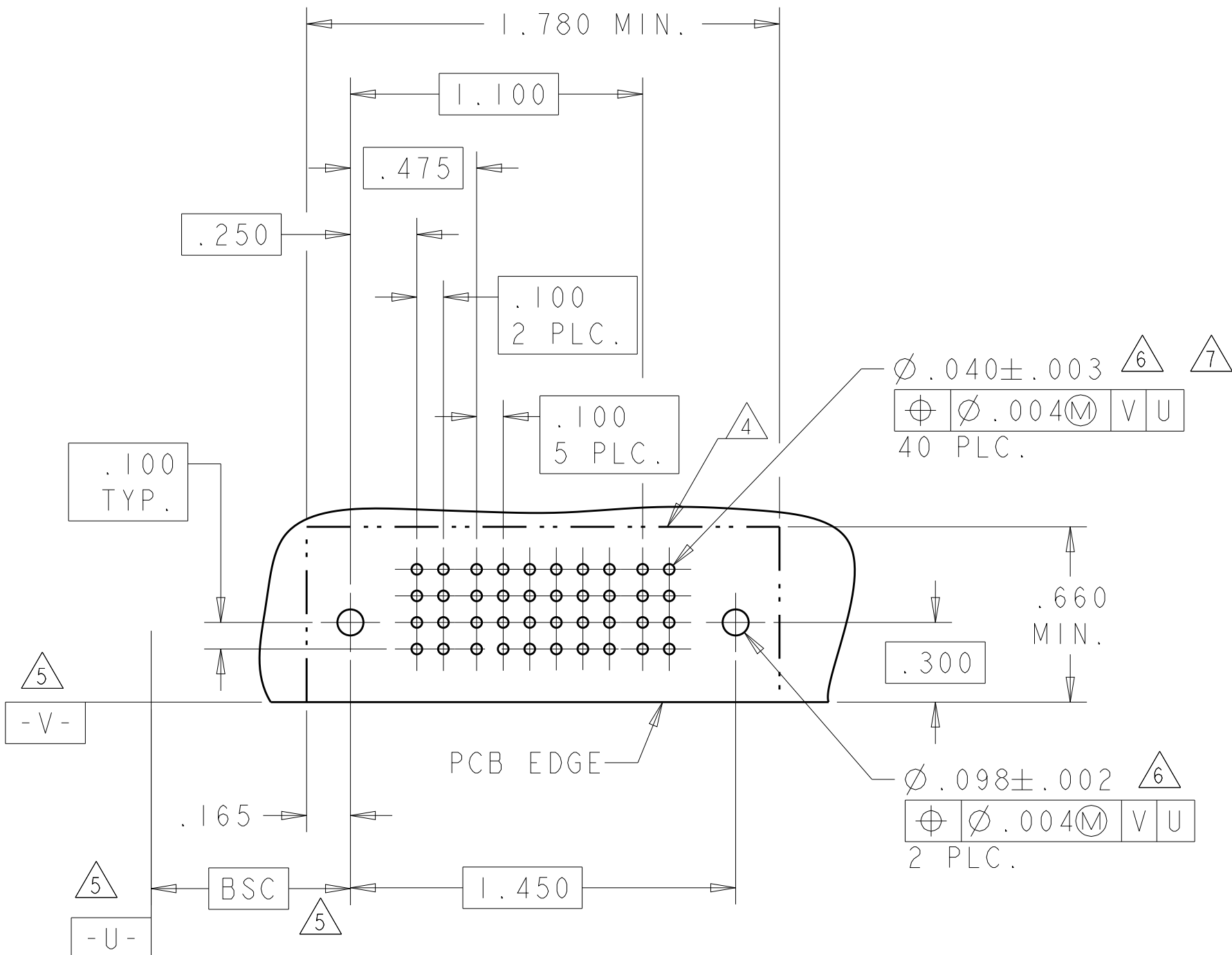
2.450

.165
 1.580 MIN
 1.250
 .900
 .475
 .250
 .100 TYP
 .660 MIN
 .300
 .040 ± .003
 32 PLC
 .098 ± .002
 2 PLC
 PCB EDGE
 BSC
 .100 3 PLC
 - V -
 - U -

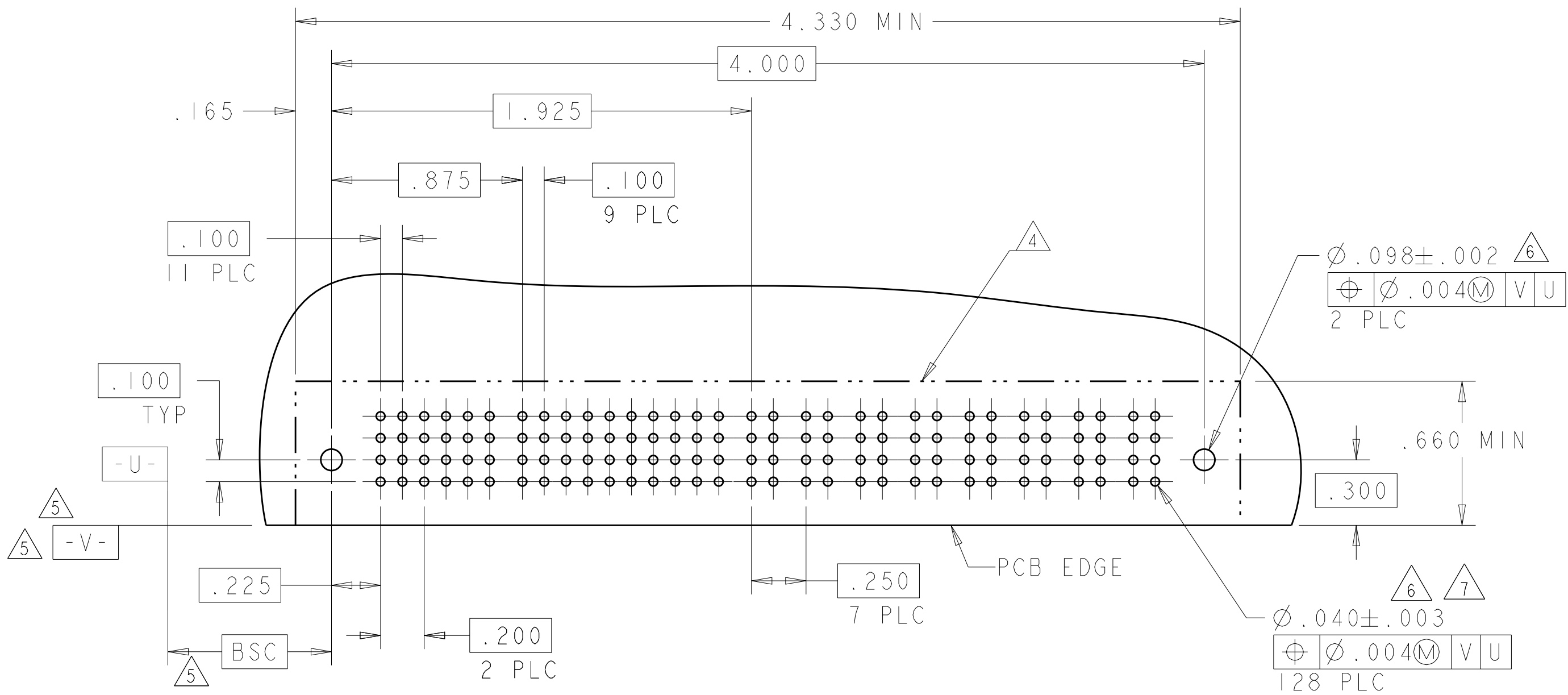
[illegible]

THIS DRAWING IS A CONTROLLED DOCUMENT.		PWN 02FEB05 CHK M PERCHERKE 02FEB05 TYPED M PERCHERKE 02FEB05		 TE Connectivity	
DIMENSIONS: INCHES		TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±. 1 PLC ±.01 2 PLC ±.005 3 PLC ±.0020 ANGLES ±.3°		NAME RIGHT ANGLE HEADER W/GUIDES ASSEMBLY MULTI-BEAM XL	
		PRODUCT SPEC 108-1973 APPLICATION SPEC 114-13038		SIZE A1	
MATERIAL -		FINISH -		CASE CODE C-6450120	
		WEIGHT -		DRAWING NO RESTRICTED TO -	
		CUSTOMER DRAWING		SCALE 4:1 SHEET 6 of 24 REV M2	

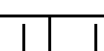
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1-6450120-6	D C B A		PA	Z	Z	Z	Z	Z	Z	PA	
				Y	Y	Y	Y	Y	Y		
				R	R	R	R	R	R		
				O	O	O	O	O	O		
IP + 24S + IP		HD								HD	

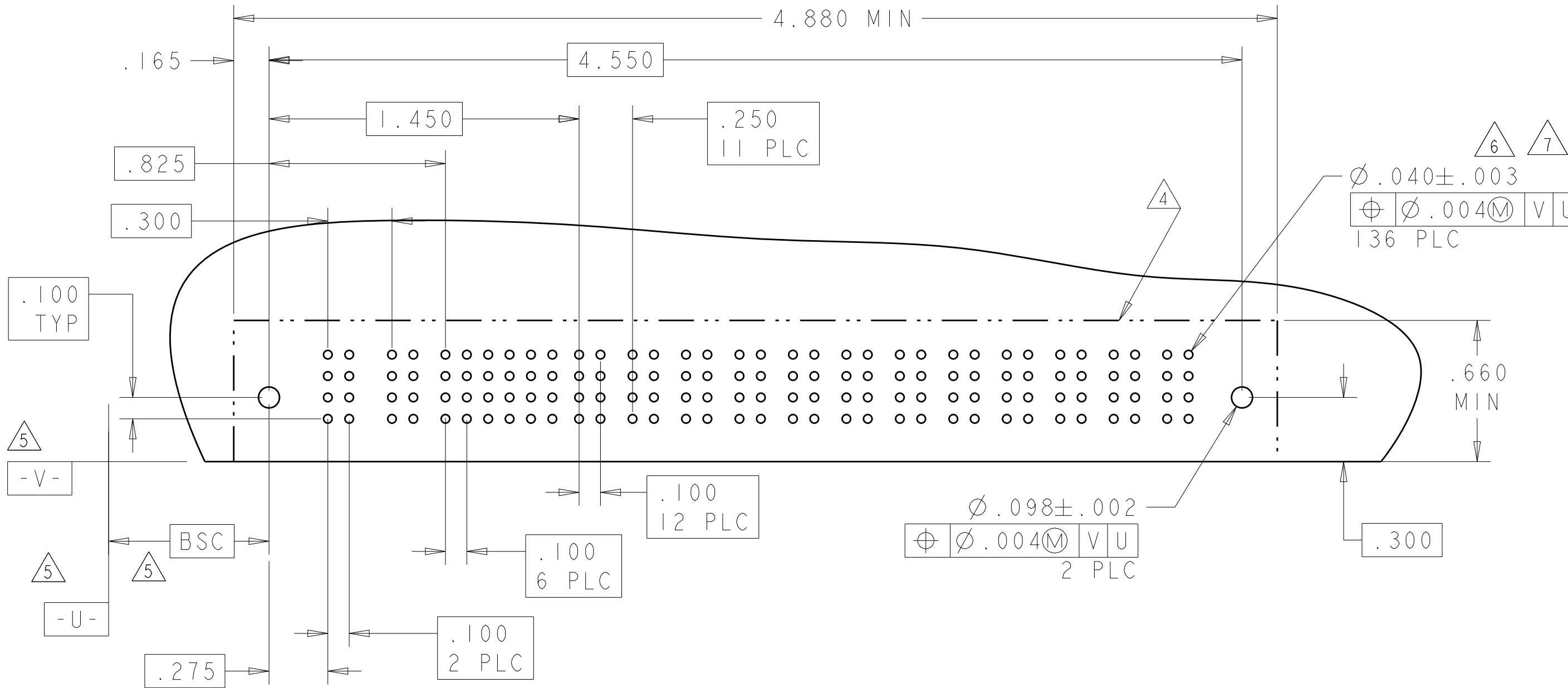


PART NUMBER	ROWS		POWER			SIGNAL										POWER									
			P1	P2	P3	1	2	3	4	5	6	7	8	9	10	P4	P5	P6	P7	P8	P9	P10	P11		
2-6450120-0	D C B A		PM	PM	PM	J	J	J	J	J	J	J	J	J	J	PM	PM	PM	PM	PM	PM	PM	PM		
						K	K	K	K	K	K	K	K	K	K									K	
						N	N	N	N	N	N	N	N	N	N									N	N
						S	S	S	S	S	S	S	S	S	S									S	S
3P + 40S + 8P			HD																					HD	

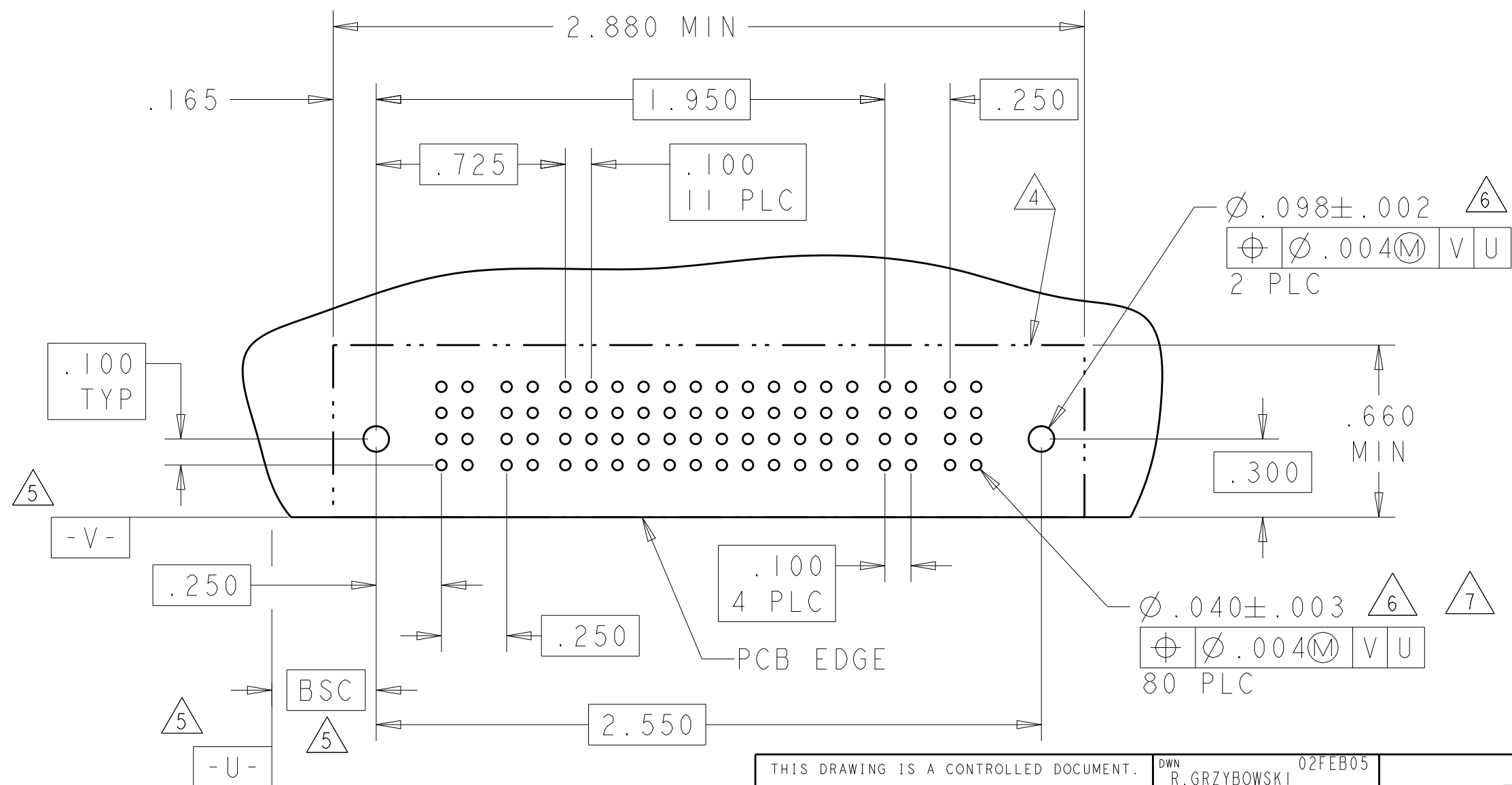


LOC		DIST		REVISIONS			
P	LYR	DESCRIPTION		DATE	DWN	APVD	
-	-	SEE SHEET 1		-	-	-	-

PART NUMBER	ROWS		POWER		SIGNAL						POWER														
			P1	P2	1	2	3	4	5	6	P3	P4	P5	P6	P7	P8	P9	P10	P11	P12	P13	P14			
2-6450120-2	D C B A					J	J	J	J	J	J														
						K	K	K	K	K	K														
						N	N	N	N	N	N														
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2ACP + 24S + 12P																									

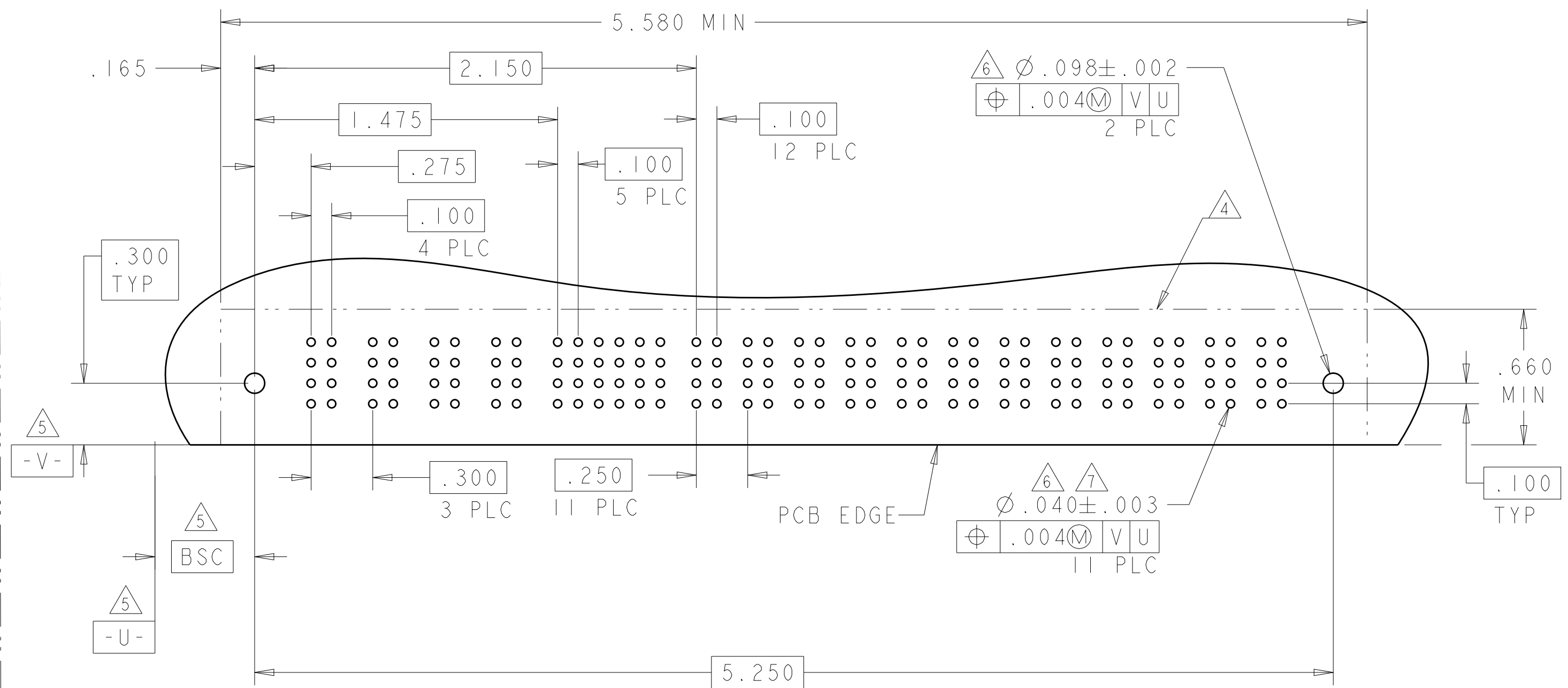
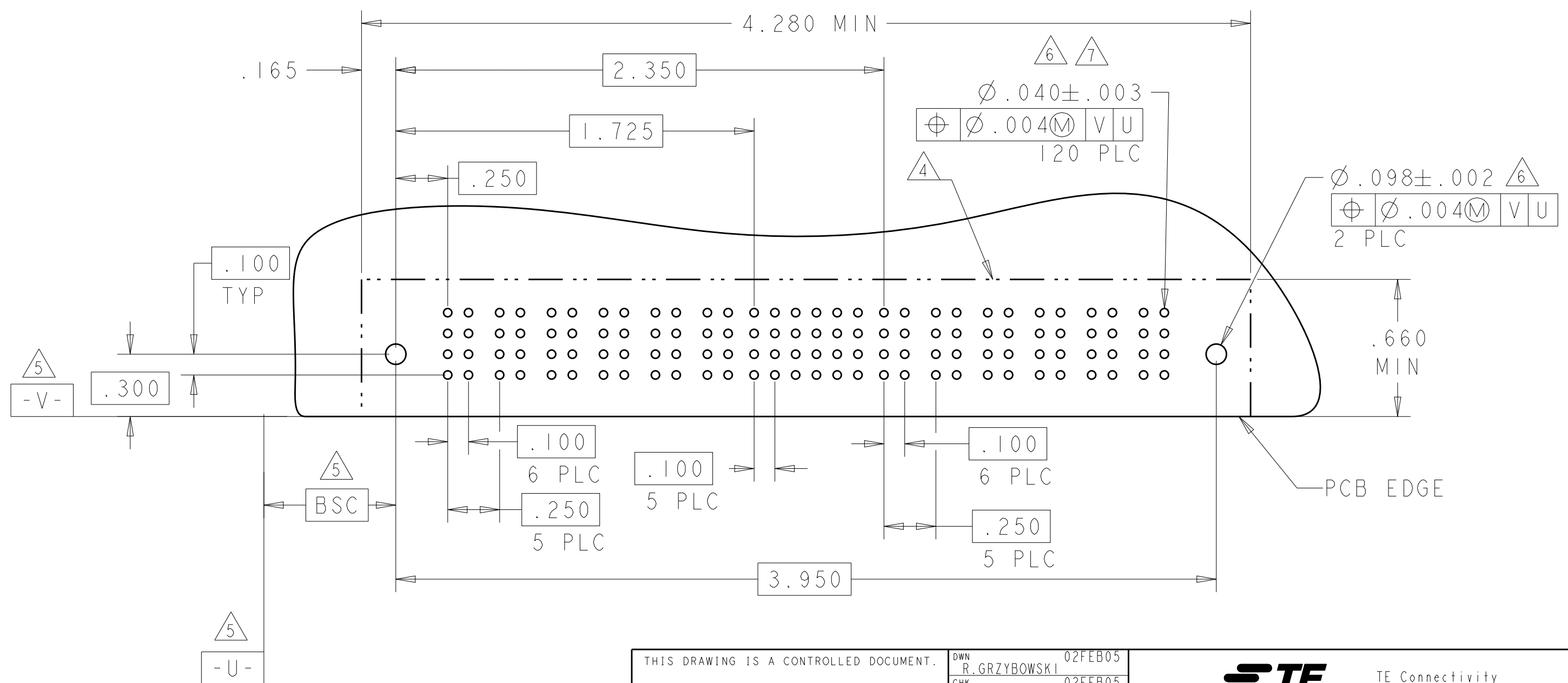


PART NUMBER	ROWS		POWER		SIGNAL												POWER			
			P1	P2	1	2	3	4	5	6	7	8	9	10	11	12	P3	P4		
2-6450120-3	D C B A		PM	PM	J	J	J	J	J	J	J	J	J	J	J	PM	PM			
					K	K	K	K	K	K	K	K	K	K	K				K	
					N	N	N	N	N	N	N	N	N	N	N				N	N
					S	S	S	S	S	S	S	S	S	S	S				S	S
2P + 48S + 2P			HD														HD			



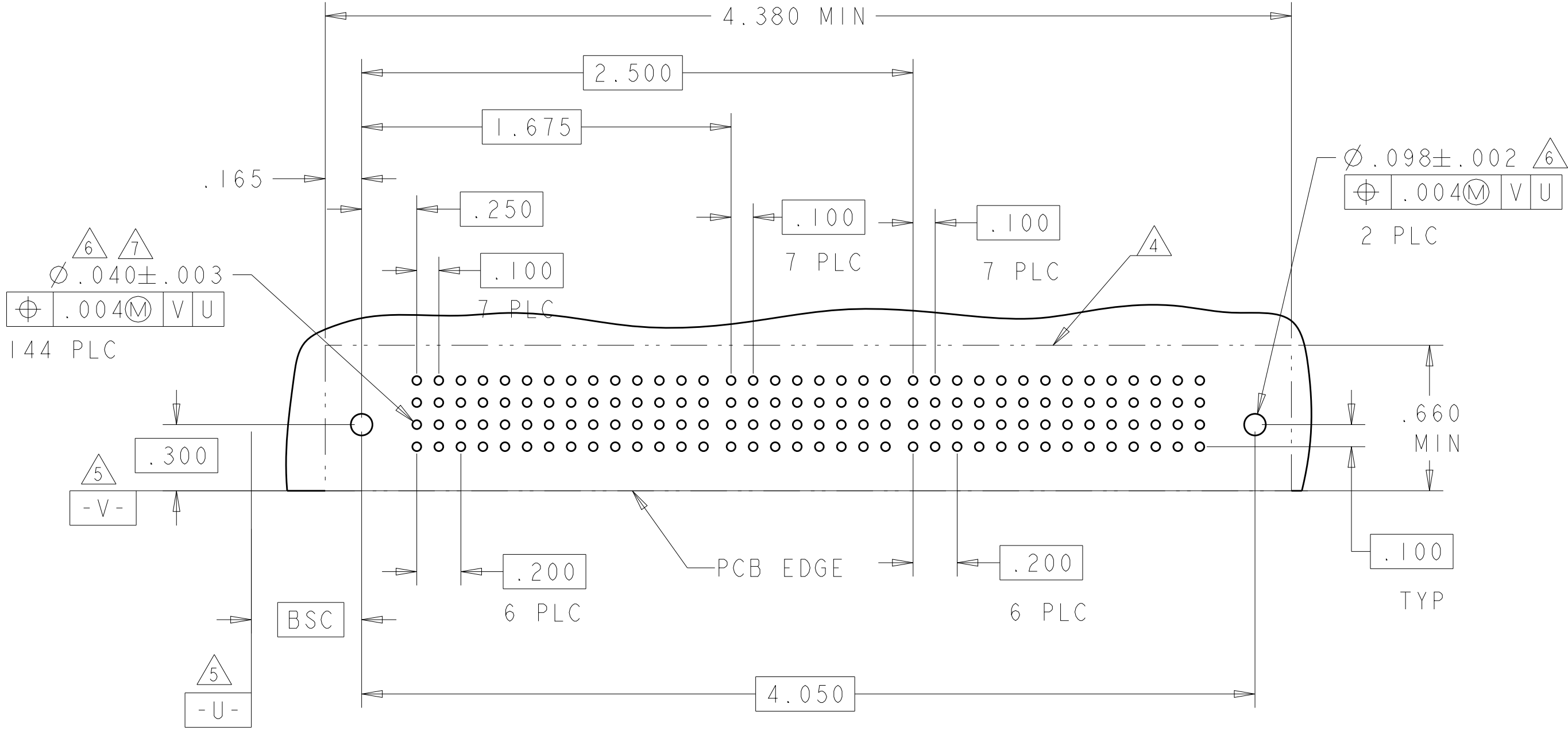
THIS DRAWING IS A CONTROLLED DOCUMENT.				DWN R.GRZYBOWSKI 02FEB05			
DIMENSIONS:				CHK M.PERCHEKKE 02FEB05			
INCHES				APVD W.PERCHEKKE 02FEB05			
				PRODUCT SPEC			
				108-1973			
				APPLICATION SPEC			
				114-13038			
				ANGLES			
				FINISH			
				WEIGHT			
				CUSTOMER DRAWING			
					SIZE	CAGE CODE	DRAWING NO
					A1	00779	C=6450120
					RESTRICTED TO		
					SCALE	4:1	SHEET 7 OF 24
					REV M2		

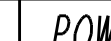
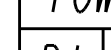
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2-64501020-6	D C B A																						
4ACP + 24S + 12P																							

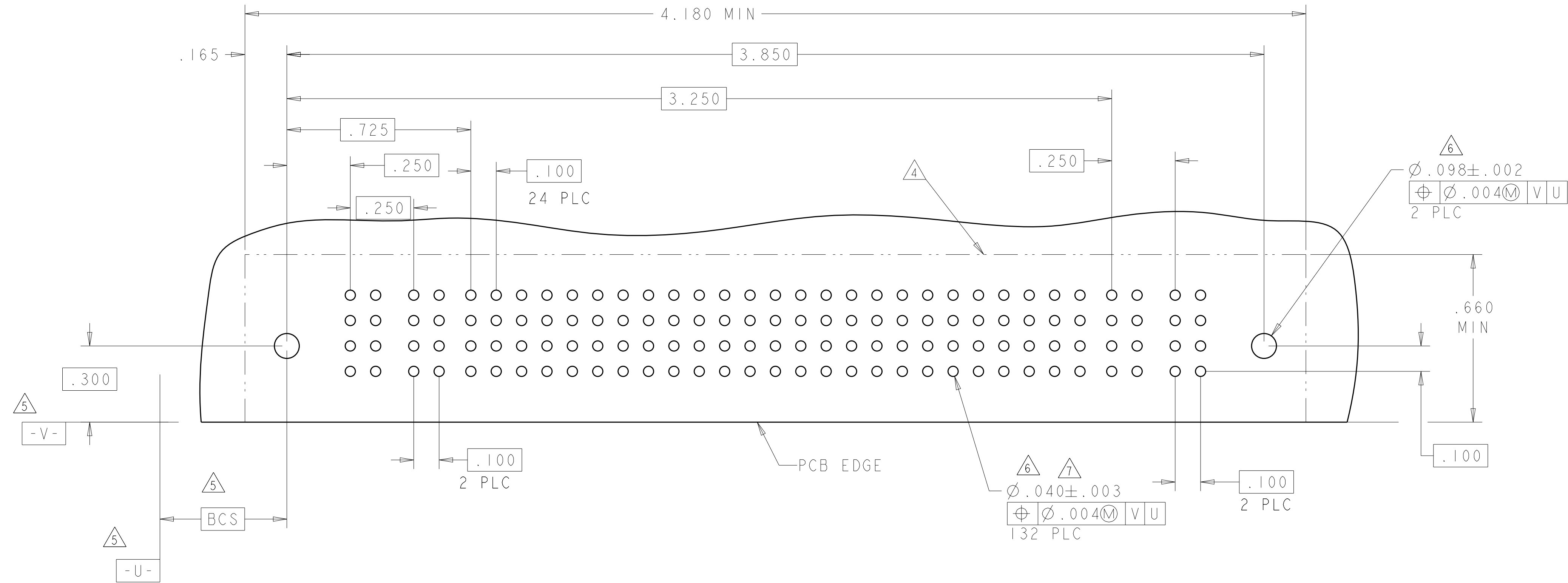
[illegible]4805 (3/11)

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

PART NUMBER	ROWS		POWER							SIGNAL								POWER																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
			P1	P2	P3	P4	P5	P6	P7	1	2	3	4	5	6	7	8	P8	P9	P10	P11	P12	P13	P14																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
3-6450120-0	D			PM		PM		PM		PM		PM		PM		PM		PM		PM		PM		PM																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
	C																																	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J



PART NUMBER	ROWS		POWER		SIGNAL																									POWER				
			P1	P2	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	P3	P4			
3-6450120-6	D		PM	PM	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	PM	PM			
	C				K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K					
	B				N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N				N	N
	A				S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S				S	S
2P + 100S + 2P																																		



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DWN

R. GRZYBOWSKI

02FEB05

CHK

M. PERCHERKE

02FEB05

APVD

M. PERCHERKE

02FEB05

DIMENSIONS:

INCHES

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC ±.01

1 PLC ±.01

2 PLC ±.01

3 PLC ±.005

4 PLC ±.002

ANGLES ±2°

FINISH

MATERIAL

-

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DWN

R. GRZYBOWSKI

02FEB05

CHK

M. PERCHERKE

02FEB05

APVD

M. PERCHERKE

02FEB05

PRODUCT SPEC

108-1973

APPLICATION SPEC

114-13038

WEIGHT

-

CUSTOMER DRAWING

NAME

RIGHT ANGLE HEADER W/GUIDES ASSEMBLY MULTI-BEAM XL

SIZE

CAGE CODE

DRAWING NO

RESTRICTED TO

A1

00779

C=6450120

-

SCALE

4:1

SHEET

9

OF

24

REV

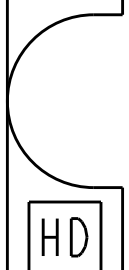
M2

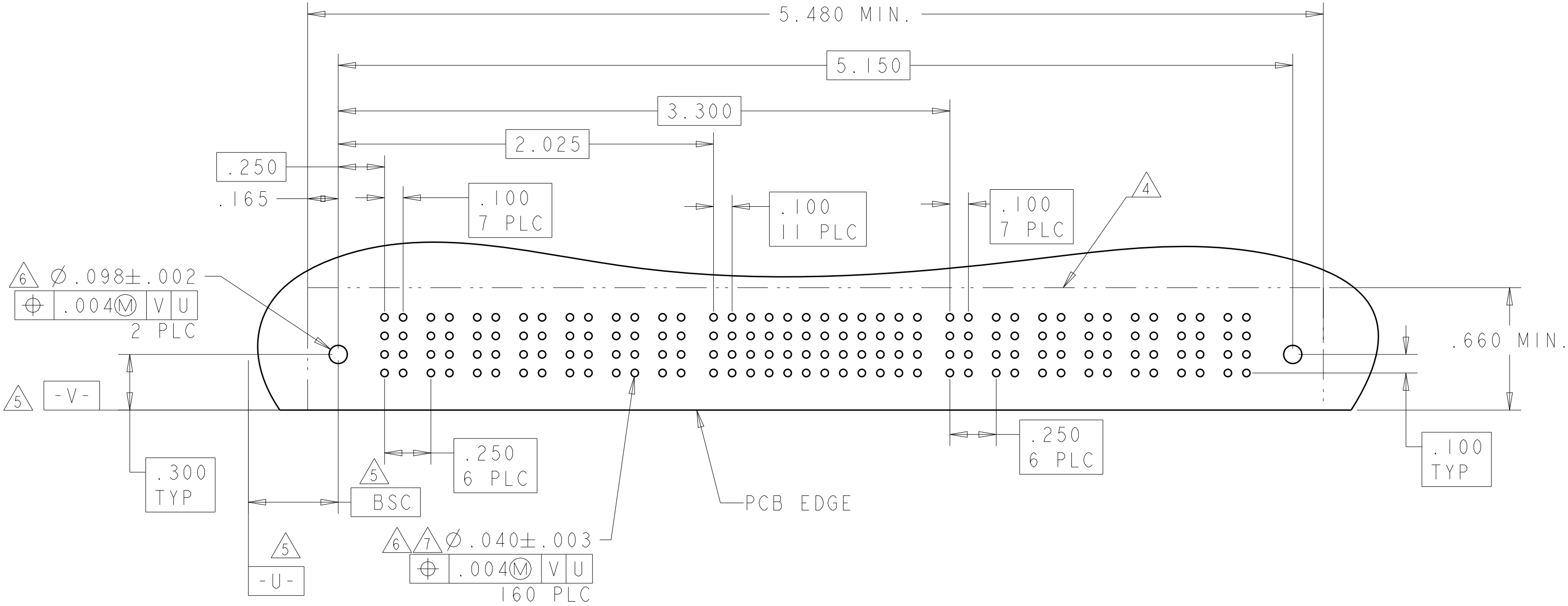
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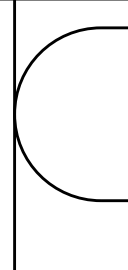
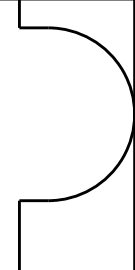
Top view drawing of a PCB showing dimensions and features. The drawing includes a grid of 148 holes (12x12) and various dimensions. Key dimensions include: overall width 4.980 MIN, overall length 4.650, and a central section width of 3.050. Hole diameters are specified as $\phi .0098 \pm .002$ (2 PLC) and $\phi .004 \pm .003$ (148 PLC). The drawing also shows a BSC (Basic Size) dimension of .300 and a .660 MIN dimension for the central section. The PCB EDGE is indicated.

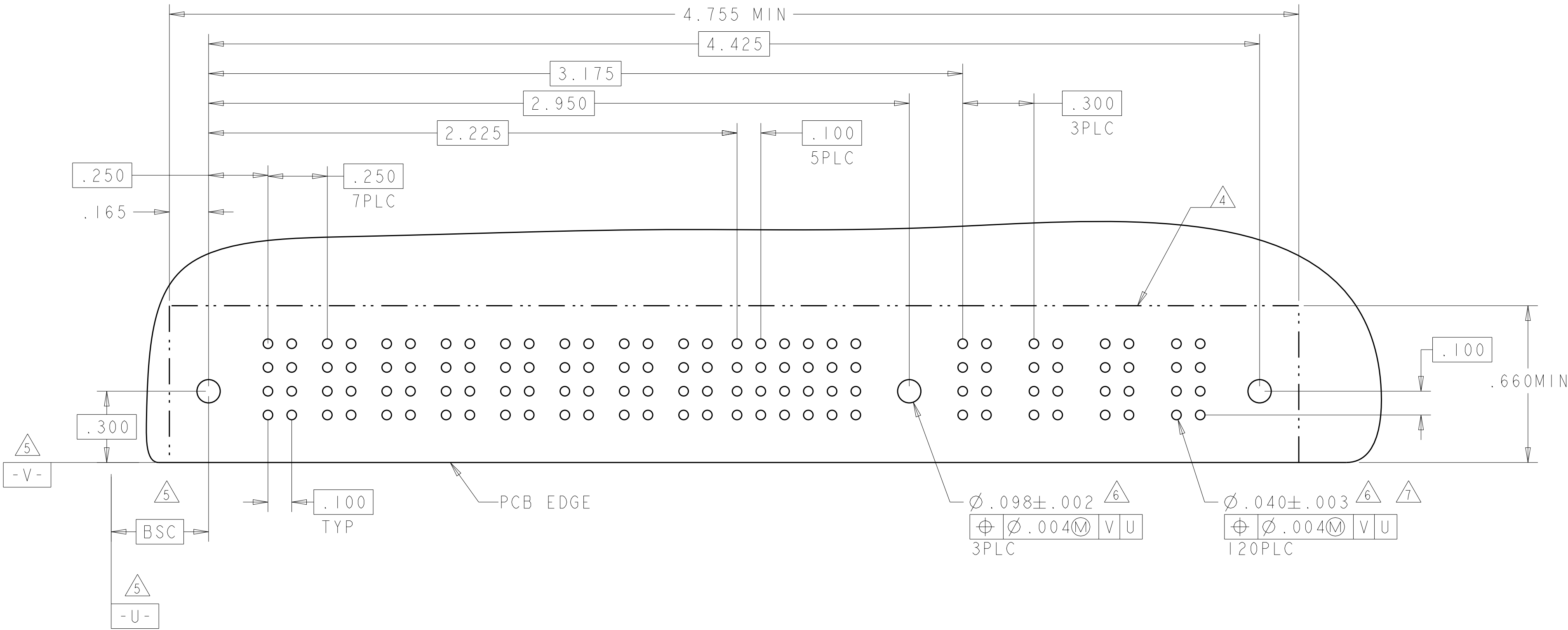
4805 (3/11)

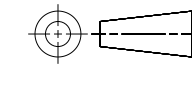
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		P	LTR	DESCRIPTION	DATE	DWN
ES	00	-	-	SEE SHEET 1	-	-

PART NUMBER	ROWS		POWER							SIGNAL												POWER										
			P1	P2	P3	P4	P5	P6	P7	1	2	3	4	5	6	7	8	9	10	11	12	P8	P9	P10	P11	P12	P13	P14				
3-6450120-4	D C B A									J	J	J	J	J	J	J	J	J	J	J	J											
										K	K	K	K	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
7P + 48S + 7P																																



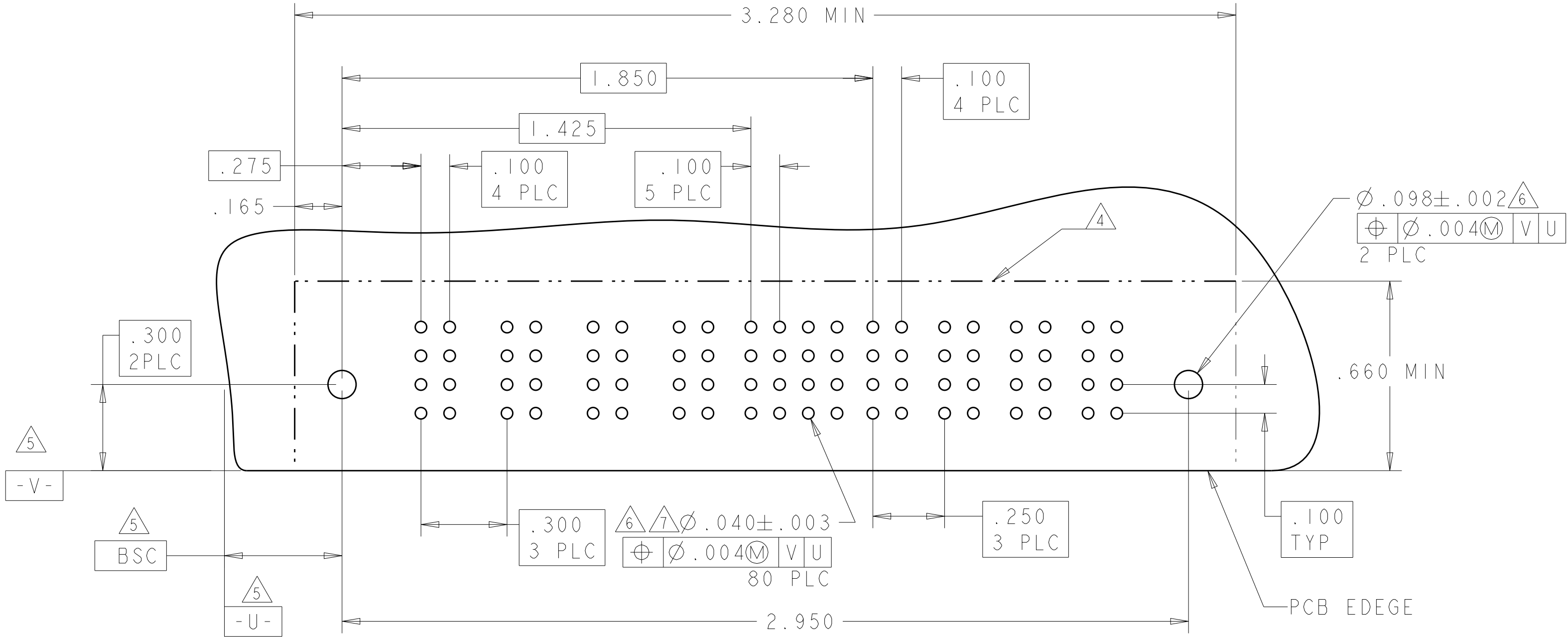
PART NUMBER	ROWS		POWER								SIGNAL							POWER					
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4-6450120-2	D C B A		PM	PM	PM	PM	PM	PM	PM	PM	J	J	J	J	J	J	HD	PM	PM	PM	PM		
											K	K	K	K	K	K							K
											N	N	N	N	N	N							N
											S	S	S	S	S	S							S
8P + 24S + 1M + 4ACP																							



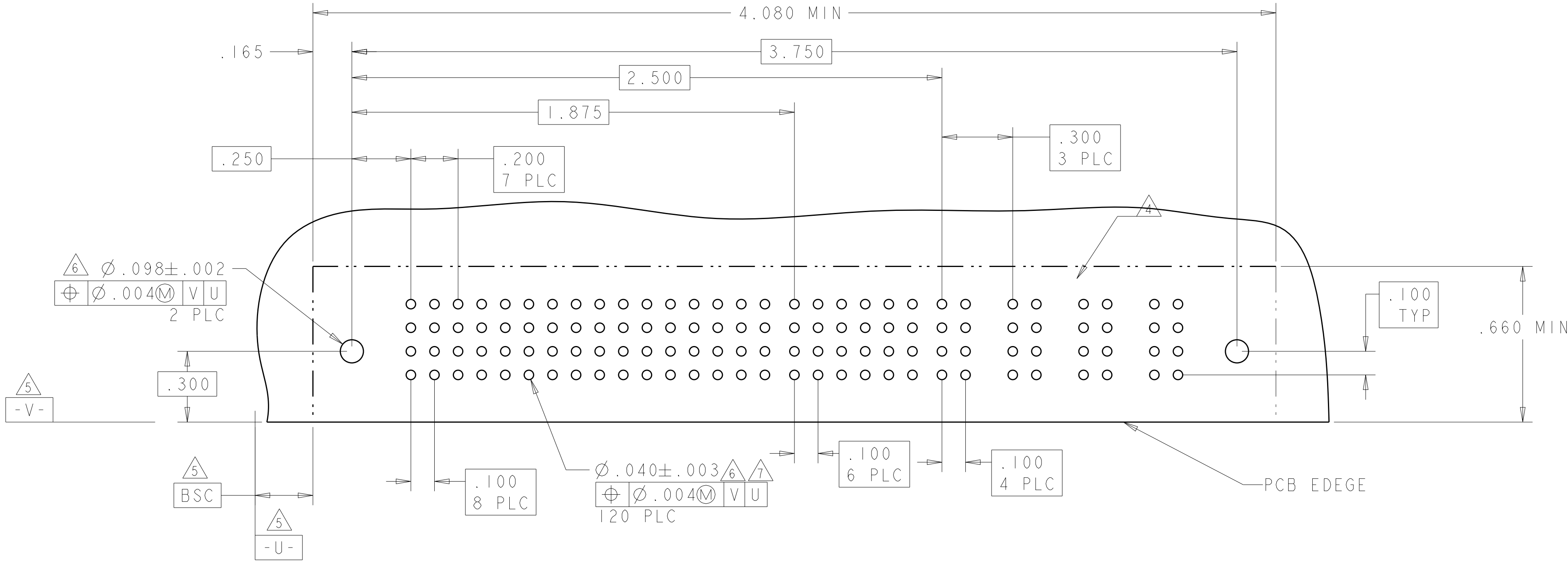
THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN R.GRZYBOWSKI	02FEB05	 TE Connectivity	
		CHK M.PERCHEKKE	02FEB05		
DIMENSIONS: INCHES		APVD M.PERCHEKKE	02FEB05	NAME	RIGHT ANGLE HEADER W/GUIDES ASSEMBLY MULTI-BEAM XL
		TOLERANCES UNLESS OTHERWISE SPECIFIED:		PRODUCT SPEC	
		0 PLC ±.01 1 PLC ±.01 2 PLC ±.01 3 PLC ±.005 4 PLC ±.0020 ANGLES ±2°		APPLICATION SPEC	
MATERIAL		FINISH		SIZE	CAGE CODE
-		-		114-13038	DRAWING NO
		WEIGHT		A100779	©=6450120
		CUSTOMER DRAWING		SCALE	4:1
				SHEET	11 OF 24
				REV	M2

LOC	DIST	REVISONS				
		P	LTR	DESCRIPTION	DATE	DWN
ES	00	-	-	SEE SHEET 1	-	-

PART NUMBER	ROWS		POWER				SIGNAL				POWER				
			P1	P2	P3	P4	1	2	3	4	P5	P6	P7	P8	
4-6450120-3	D C B A		PM	PM	PM	PM	J	J	J	J	PM	PM	PM	PM	
							K	K	K	K					
							N	N	N	N					
							S	S	S	S					
4ACP + 16S + 4P															



PART NUMBER	ROWS		POWER								SIGNAL						POWER				
			P1	P2	P3	P4	P5	P6	P7	P8	1	2	3	4	5	6	P9	P10	P11	P12	
4-6450120-4	D C B A									J	J	J	J	J	J						
										K	K	K	K	K	K						
										N	N	N	N	N	N						
										S	S	S	S	S	S						
8P + 24S + 4ACP																					



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DWN
R.GRZYBOWSKI
CHK
M.PERCHEKKE
APVD
M.PERCHEKKE

02FEB05
02FEB05
02FEB05

DIMENSIONS:
INCHES

MATERIAL
-

TOLERANCES UNLESS
OTHERWISE SPECIFIED:

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

WEIGHT
-

CUSTOMER DRAWING

NAME
RIGHT ANGLE HEADER W/GUIDES ASSEMBLY
MULTI-BEAM XL

SIZE
A1

CAGE CODE
00779

DRAWING NO
C=6450120

RESTRICTED TO
-

SCALE
4:1

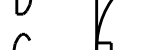
SHEET
12

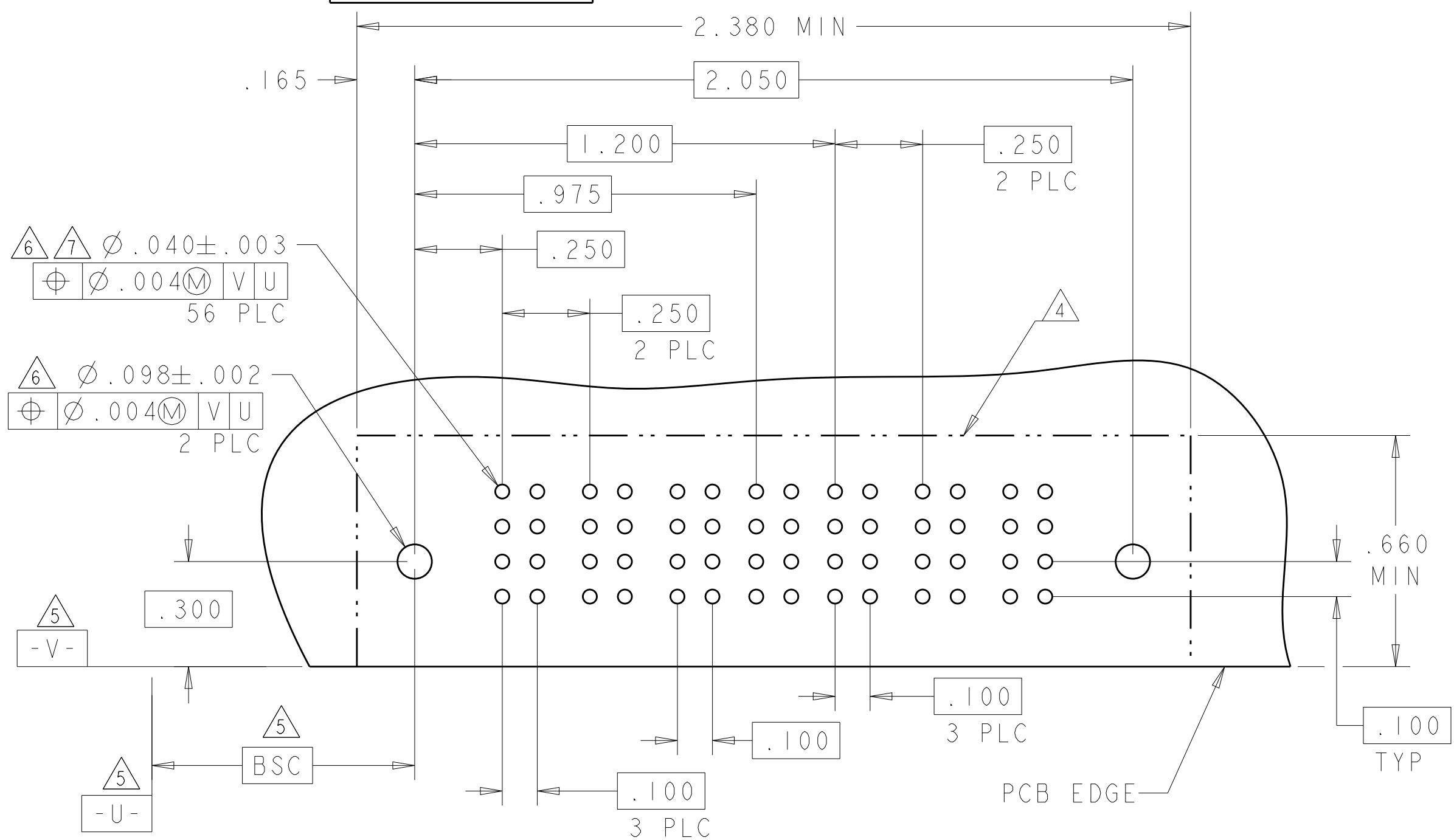
OF
24

REV
M2

TE Connectivity

TE

PART NUMBER	ROWS		POWER			SIGNAL		POWER			
			P1	P2	P3	1	2	P4	P5	P6	
4-6450120-6	D					J	J				
	K					K					
	N					N					
	S					S					
3P + 8S + 3P											



2.280 MIN.

1.350

.725

.250

.100
4 PLC

Ø .040 ± .003
56 PLC.

.100 TYP.

4

.660 MIN.

.300

5
-V-

.165

5
BSC

.100
5 PLC.

.250

.250

Ø .098 ± .002
2 PLC.

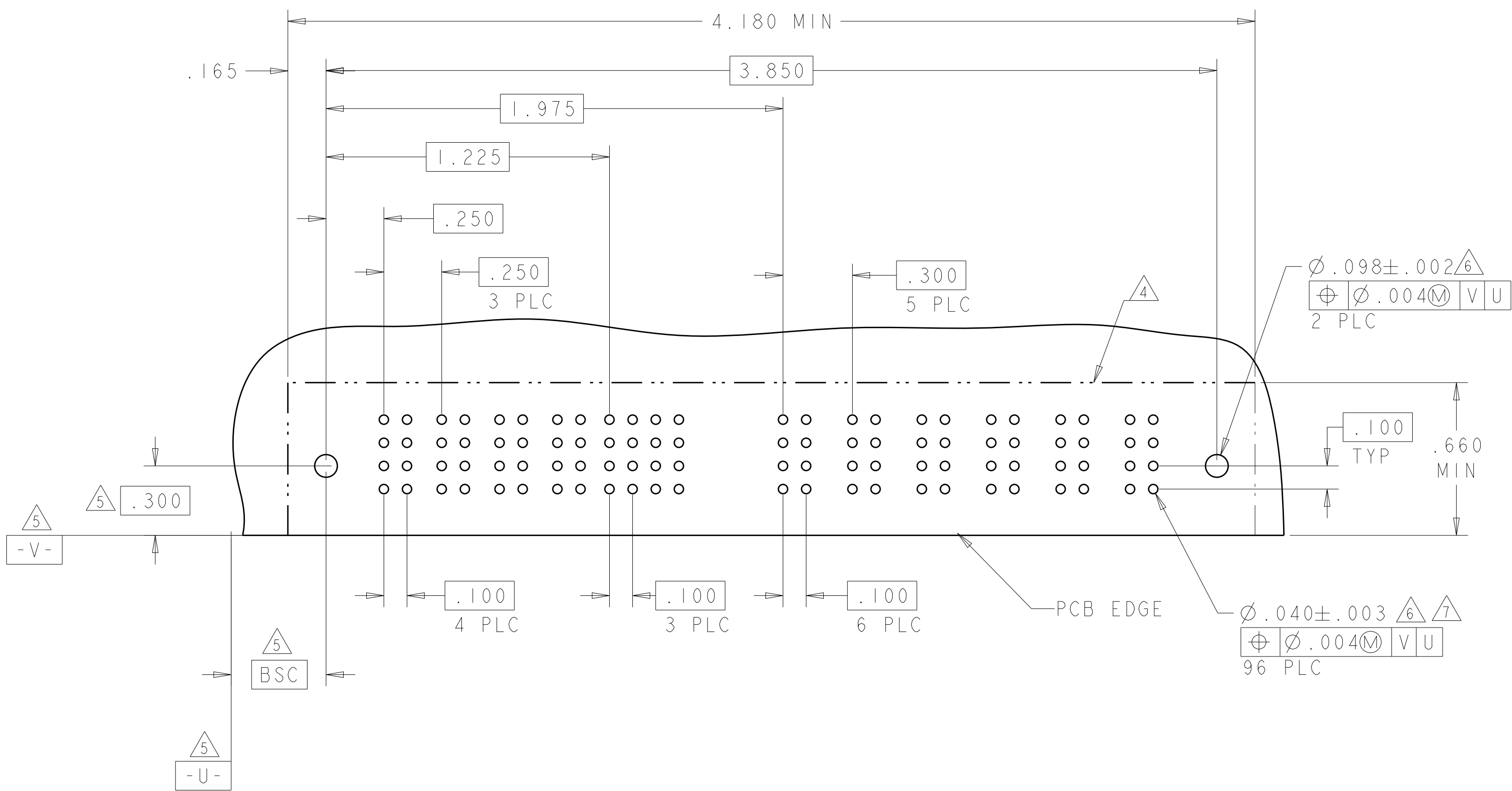
PCB EDGE

5
-U-

1.950

4805 (3/11)

PART NUMBER	ROWS		POWER				SIGNAL				POWER							
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5-6450120-0	D		PM	PM	PM	PM	J	J	J	J		PM	PM	PM	PM	PM		
	K						K	K	K									
	N						N	N	N									
	S						S	S	S									
A	HD																HD	
4P + 16S + 7ACP																		

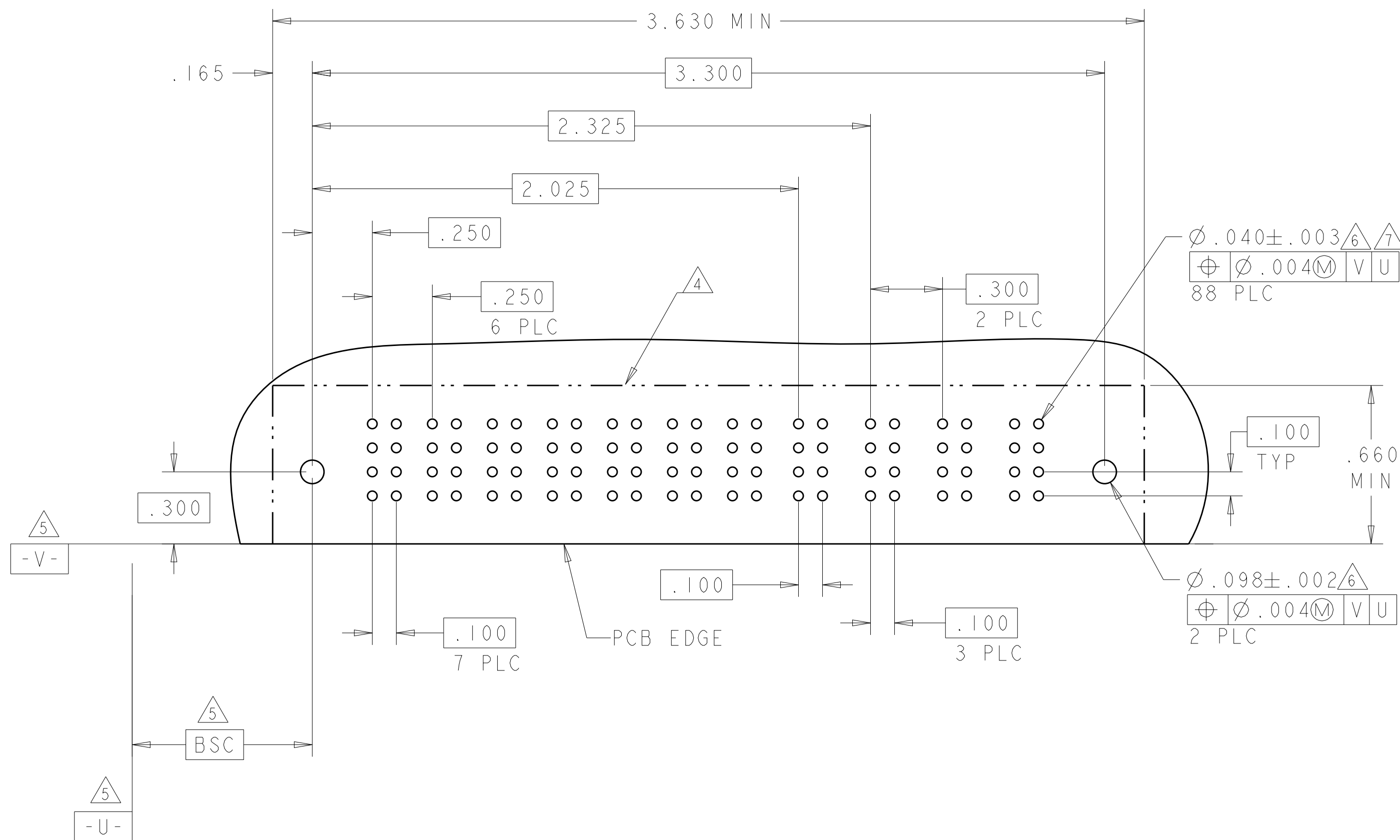


THIS DRAWING IS A CONTROLLED DOCUMENT.				DWN Z GRZYBOWSKI 02FEB05		 TE Connectivity			
DIMENSIONS: INCHES		TOLERANCES UNLESS OTHERWISE SPECIFIED:		CHN M PERCERKE 02FEB05		NAME RIGHT ANGLE HEADER W/GUIDES ASSEMBLY MULTI-BEAM XL			
				APPV M PERCERKE 02FEB05					
		0 PLC ±.1		PRODUCT SPEC		SIZE CAGE CODE DRAWING NO RESTRICTED TO A100779C=6450120 -			
		1 PLC ±.1		108-1973					
		2 PLC ±.01		APPLICATION SPEC					
		3 PLC ±.005		114-13038					
4 PLC ±.002		ANGLE ±2°		WEIGHT -					
MATERIAL -		FINISH -		CUSTOMER DRAWING		SCALE 4:1 SHEET 14 OF 24 REV M2			

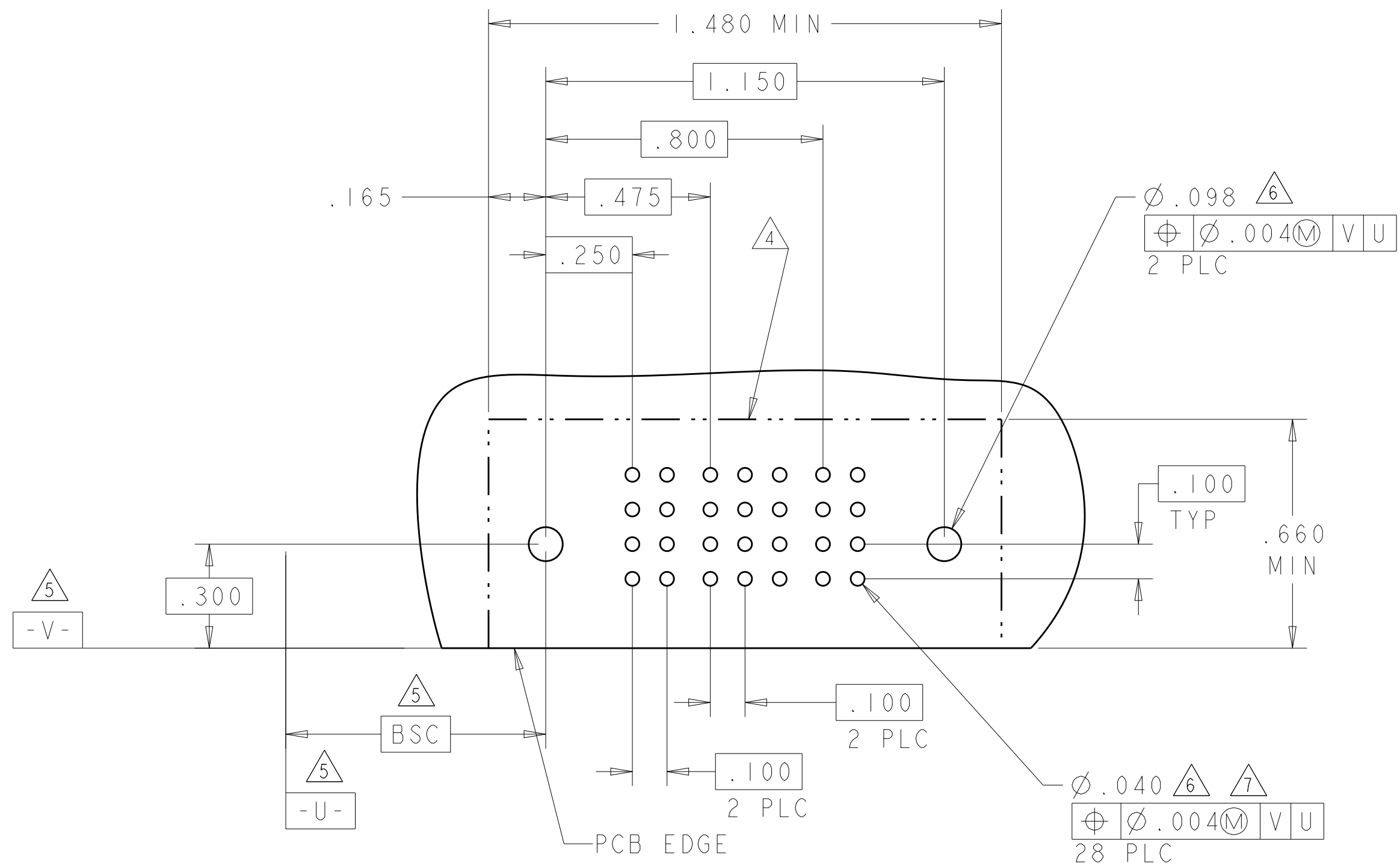
JI

4805 (3/11)

PART NUMBER	ROWS		POWER							SIGNAL		POWER			
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5-6450120-5	D		PM	PM	PM	PM	PM	PM	PM	J	J	PM	PM	PM	
	K									K					
	N									N					
	A	HD													
7P + 8S + 3ACP															

4805 (3/11)

PART NUMBER	ROWS		POWER			SIGNAL									POWER																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
			P1	P2	P3	1	2	3	4	5	6	7	8	9	P4	P5	P6																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
5-6450120-7	D C B A				J	J	J	J	J	J	J	J	J		K	K	K	K	K	K	K	K	K		N	N	N	N	N	N	N	N	N		S	S	S	S	S	S	S	S	S																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						

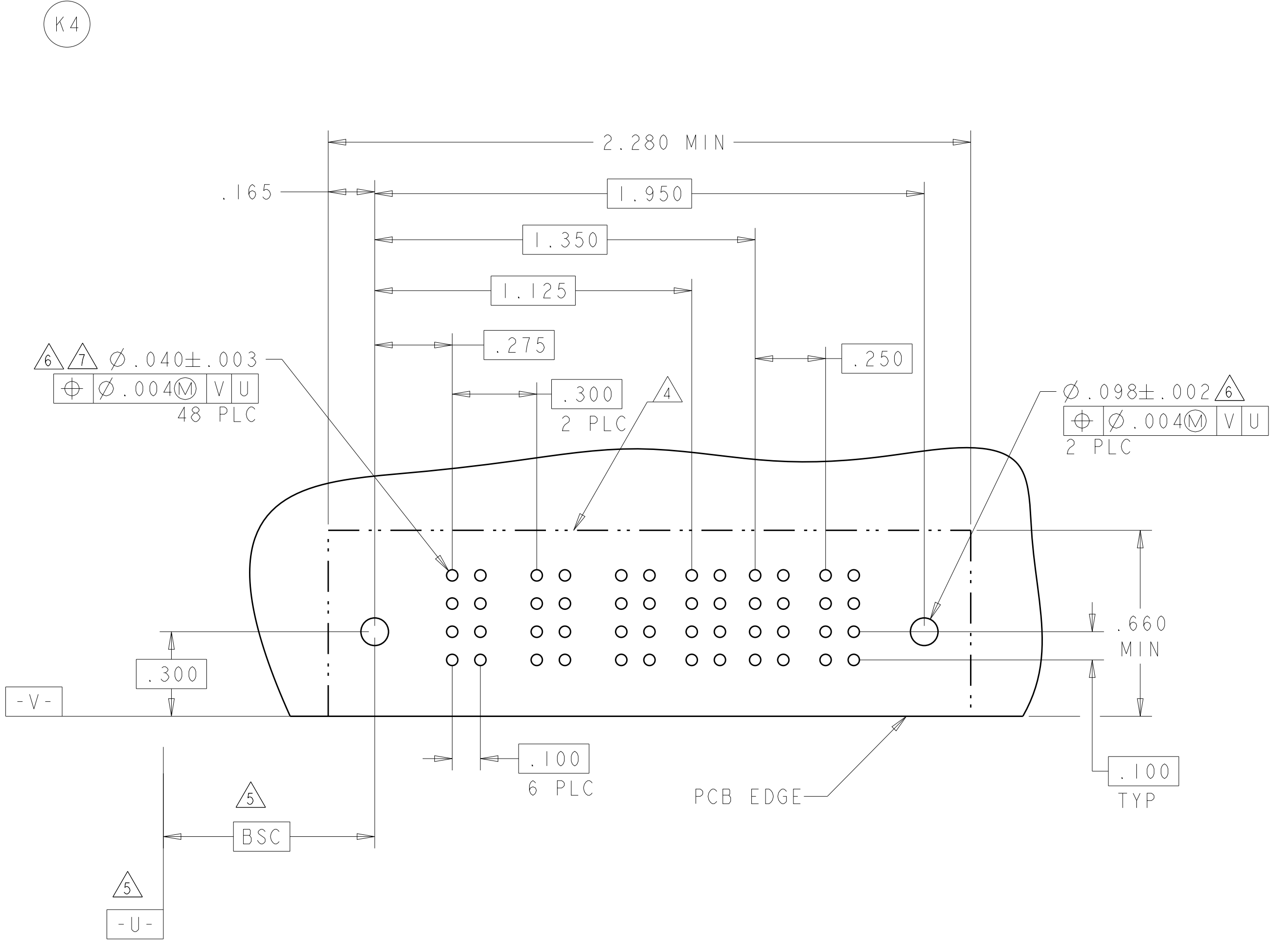
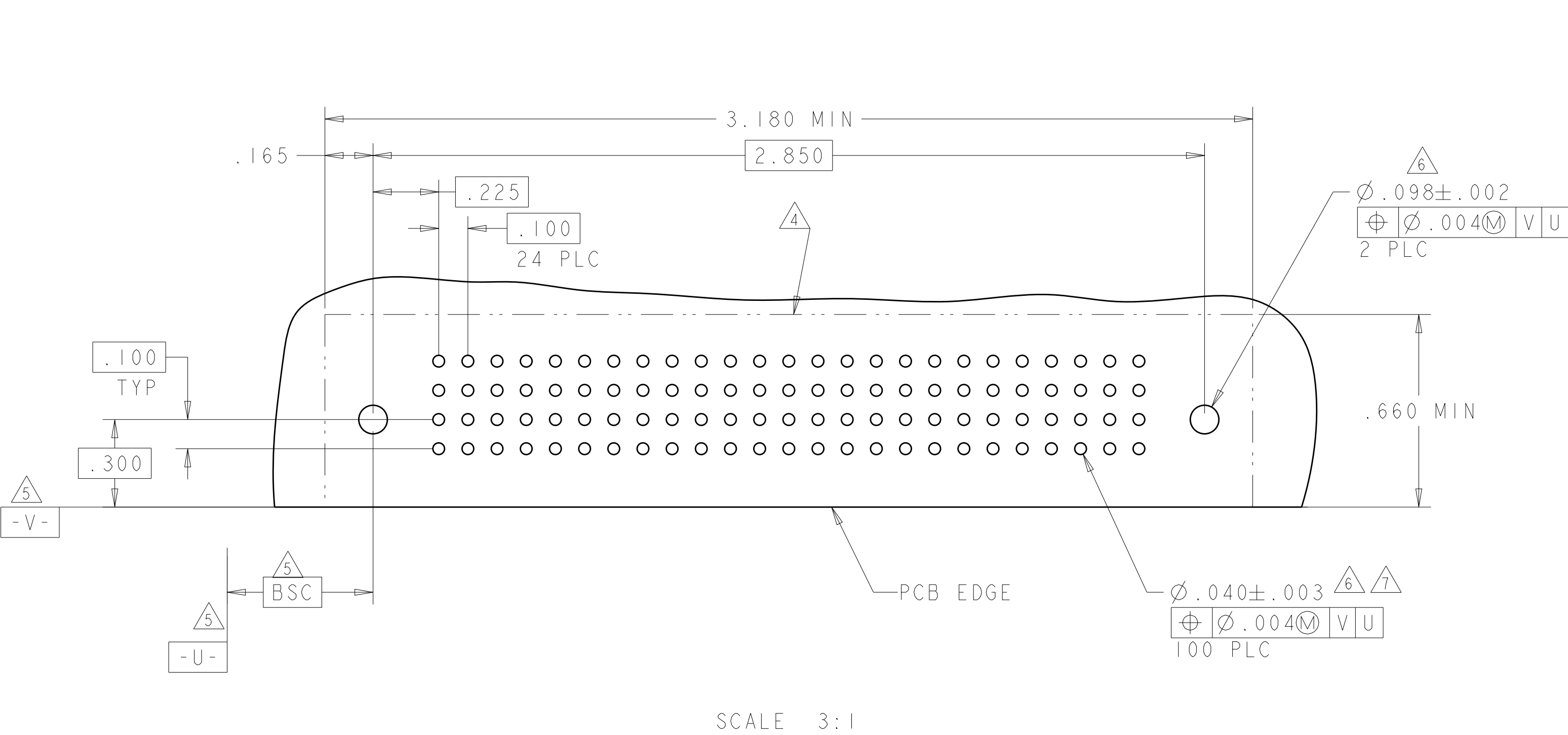
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THIS DRAWING IS A CONTROLLED DOCUMENT...		DWN G. GRZYBOWSKI 02FEB05		 TE Connectivity	
		CHN M. PERCHERKE 02FEB05			
DIMENSIONS: INCHES		TOLERANCES: UNLESS OTHERWISE SPECIFIED:		NAME RIGHT ANGLE HEADER W/GUIDES ASSEMBLY MULTI-BEAM XL -	
		PRODUCED 108-1973 APPLICATION SPEC 114-13038		SIZE A1 100779	
MATERIAL -		FINISH -		DRAWING NO C=6450120	
		WEIGHT -		RESTRICTED TO -	
CUSTOMER DRAWING				SCALE 4:1 SHEET 18 OF 24 REV M2	

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

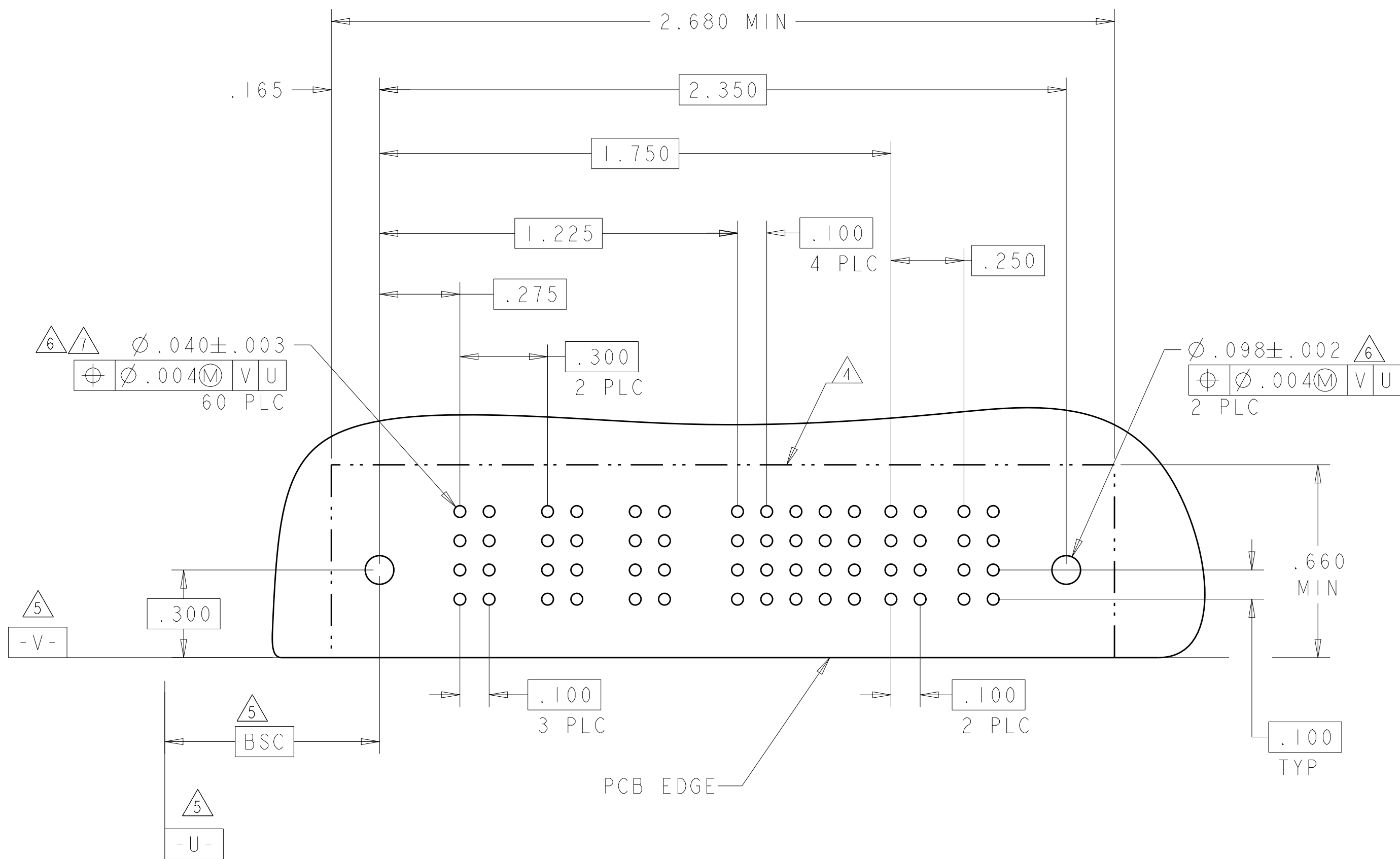
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5-6450120-8	D C B A		J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J		
			K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K		
			N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N		N
			S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S		
100S																												

PART NUMBER	ROWS		POWER			SIGNAL		POWER		
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5-6450120-9	D C B A	HD	PM	PM	PM	J	J	PM	PM	HD
						K	K			
						N	N			
						H	S			
3ACP + 8S + 2P										



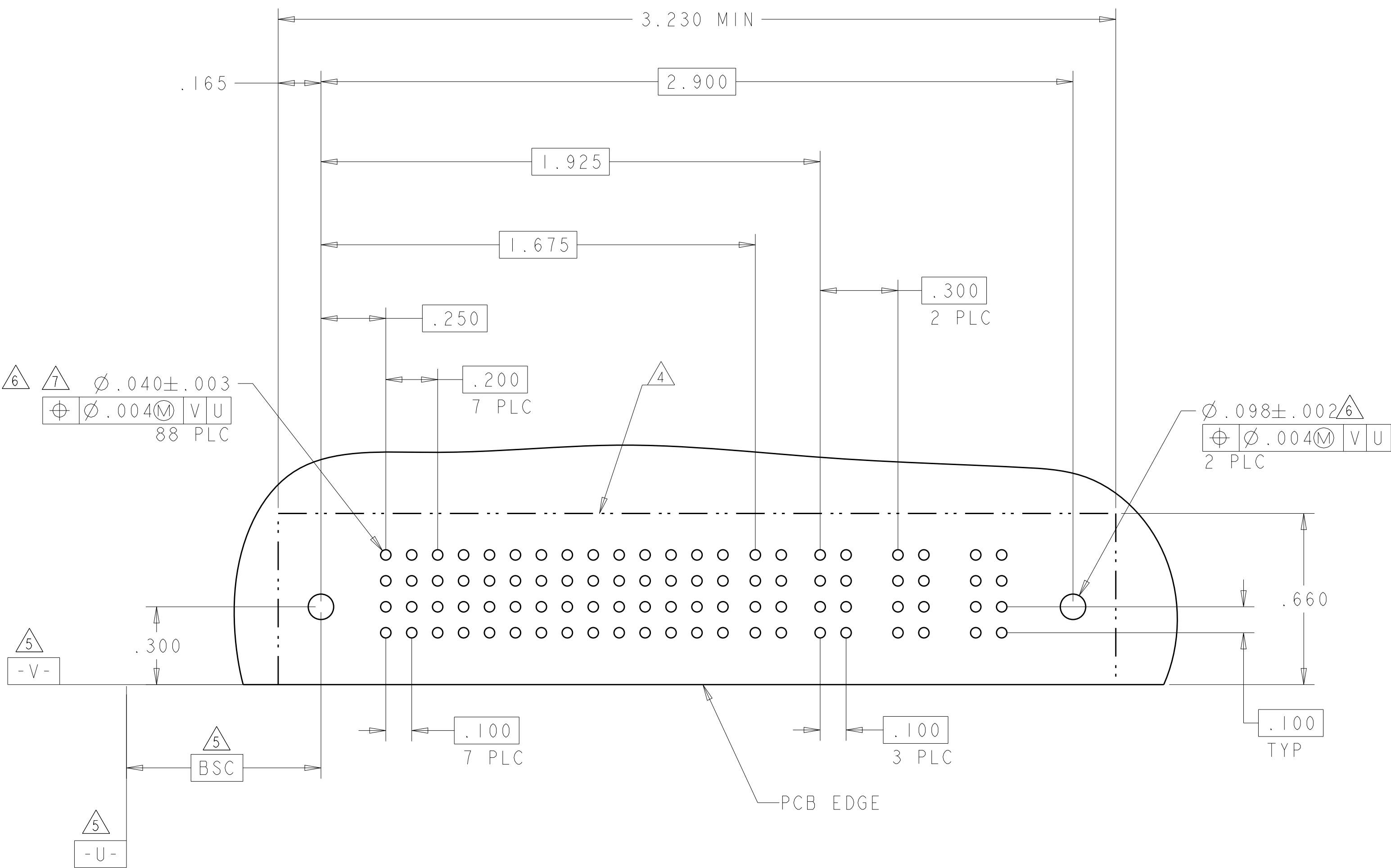
PART NUMBER	ROWS		POWER			SIGNAL						POWER			
			P1	P2	P3	1	2	3	4	5	6	P4	P5		
6-6450120-5	D C B A	 HD1	 PM	 PM	 PM		 J	 J	 J	 J	 J		 PM	 PM	 HD
3ACP + 24S + 2P															

(L3)

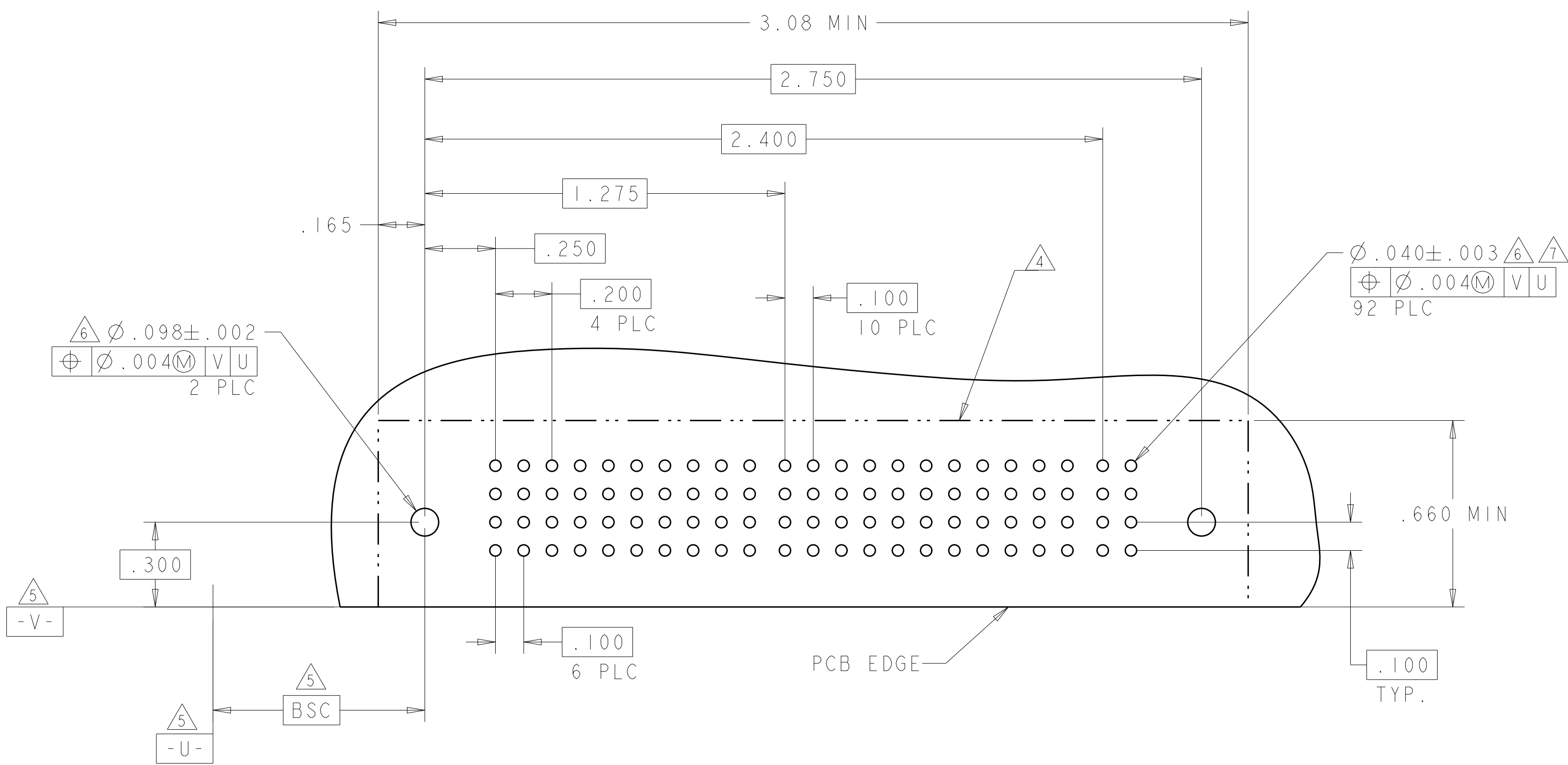
4805 (3/11)

PART NUMBER	ROWS		POWER								SIGNAL		POWER			
			P1	P2	P3	P4	P5	P6	P7	1	2	P8	P9	P10		
6-6450120-7	D C B A			PM	PM	PM	PM	PM	PM	PM	E	E	PM	PM	PM	
											F	F				
											G	G				
											H	H				
7HDP + 8S + 3ACP																

(L5)

4805 (3/11)

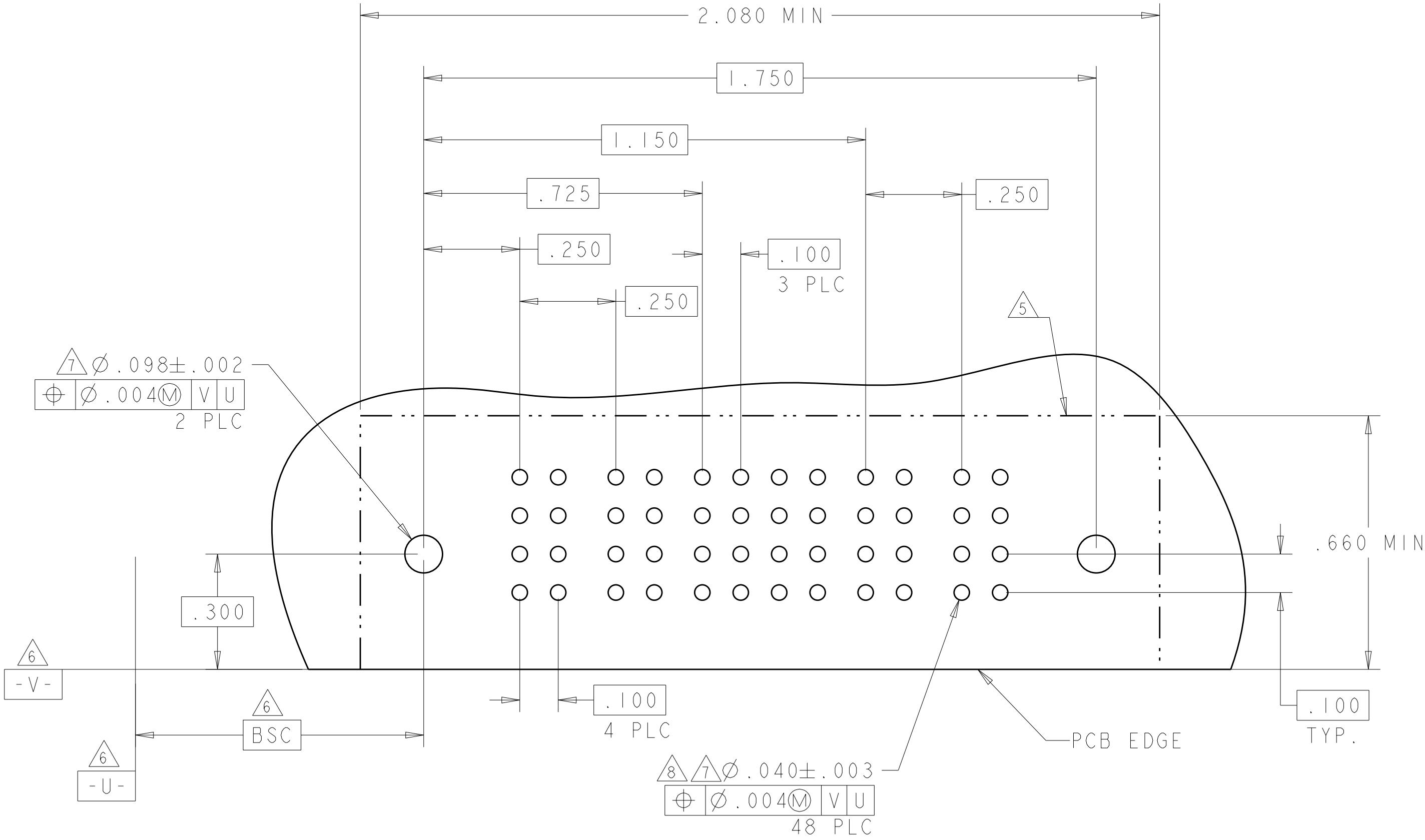
PART NUMBER	ROWS		POWER					SIGNAL											POWER		
			P1	P2	P3	P4	P5	1	2	3	4	5	6	7	8	9	10	11	P6		
7-6450120-0	D C B A		PM	PM	PM		PM	J		J		J		J		E		E	PM		
								G	N		N		N		K	F		F			
								H	H	H	H	H	H	S	S	H		H			
5P + 44S + 1P		HD																			HD

4805 (3/11)

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

M2

PART NUMBER	ROWS		POWER		SIGNAL				POWER		
			P1	P2	1	2	3	4	P3	P4	
7-6450120-1	D		PM	PM	E	E	E	E	PM	PM	
	C				F	F	F	F			
	B				N	N	N	N			
	A				H	H	H	H			
2P + 16S + 2P											



THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN R.GRZYBOWSKI	02FEB05	 TE Connectivity	
DIMENSIONS: INCHES		CHK M.PERCHEKKE	02FEB05		
	TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±.01 1 PLC ±.01 2 PLC ±.01 3 PLC ±.005 4 PLC ±.0020 ANGLES #2° FINISH	APVD M.PERCHEKKE	02FEB05	NAME RIGHT ANGLE HEADER W/GUIDES ASSEMBLY MULTI-BEAM XL	
		PRODUCT SPEC 108-1973		SIZE A100779	
		APPLICATION SPEC 114-13038		CAGE CODE C=6450120	
		WEIGHT -		RESTRICTED TO -	
MATERIAL -		CUSTOMER DRAWING			SCALE 4:1 SHEET 24 OF 24 REV M2

Данный компонент на территории Российской Федерации

Вы можете приобрести в компании MosChip.

Для оперативного оформления запроса Вам необходимо перейти по данной ссылке:

<http://moschip.ru/get-element>

Вы можете разместить у нас заказ для любого Вашего проекта, будь то серийное производство или разработка единичного прибора.

В нашем ассортименте представлены ведущие мировые производители активных и пассивных электронных компонентов.

Нашей специализацией является поставка электронной компонентной базы двойного назначения, продукции таких производителей как XILINX, Intel (ex.ALTERA), Vicor, Microchip, Texas Instruments, Analog Devices, Mini-Circuits, Amphenol, Glenair.

Сотрудничество с глобальными дистрибьюторами электронных компонентов, предоставляет возможность заказывать и получать с международных складов практически любой перечень компонентов в оптимальные для Вас сроки.

На всех этапах разработки и производства наши партнеры могут получить квалифицированную поддержку опытных инженеров.

Система менеджмента качества компании отвечает требованиям в соответствии с ГОСТ Р ИСО 9001, ГОСТ РВ 0015-002 и ЭС РД 009

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