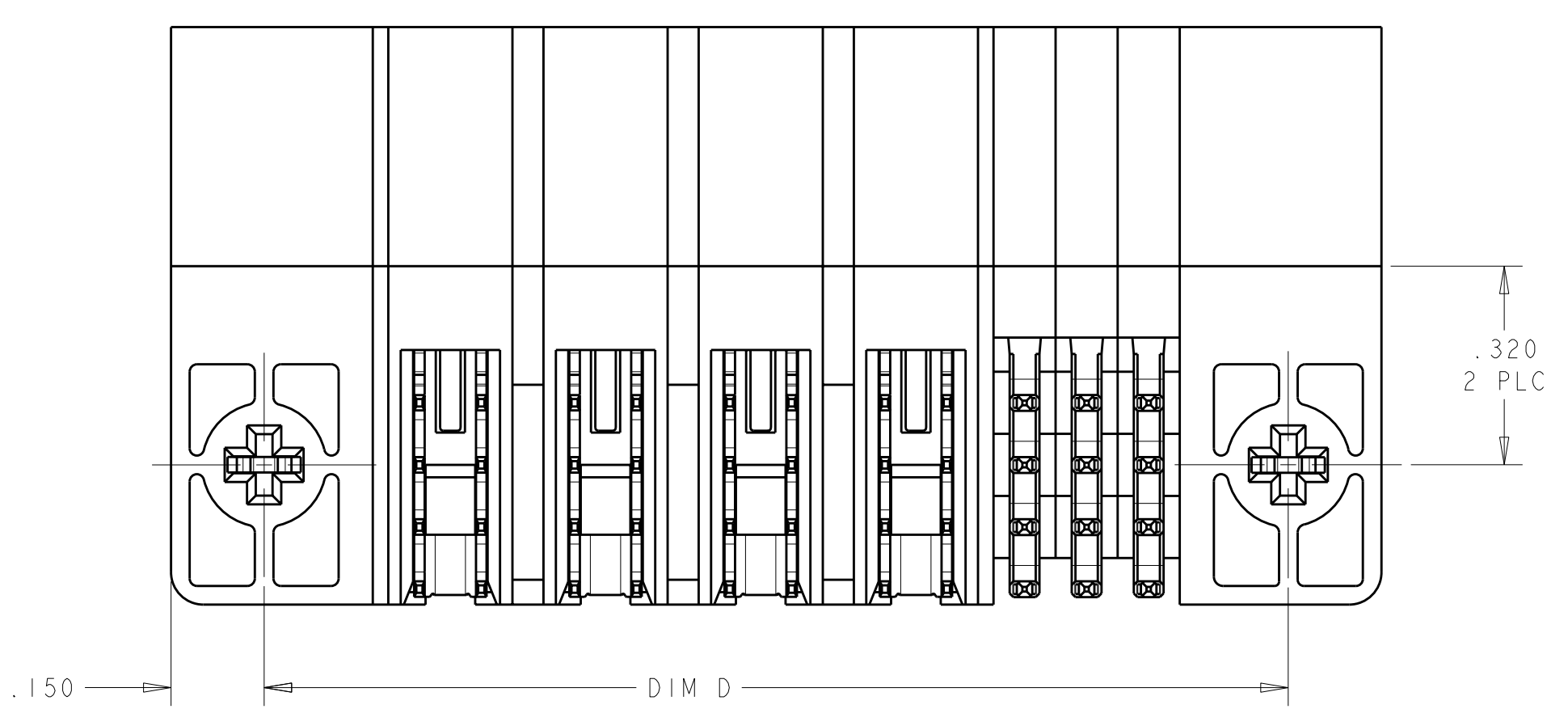
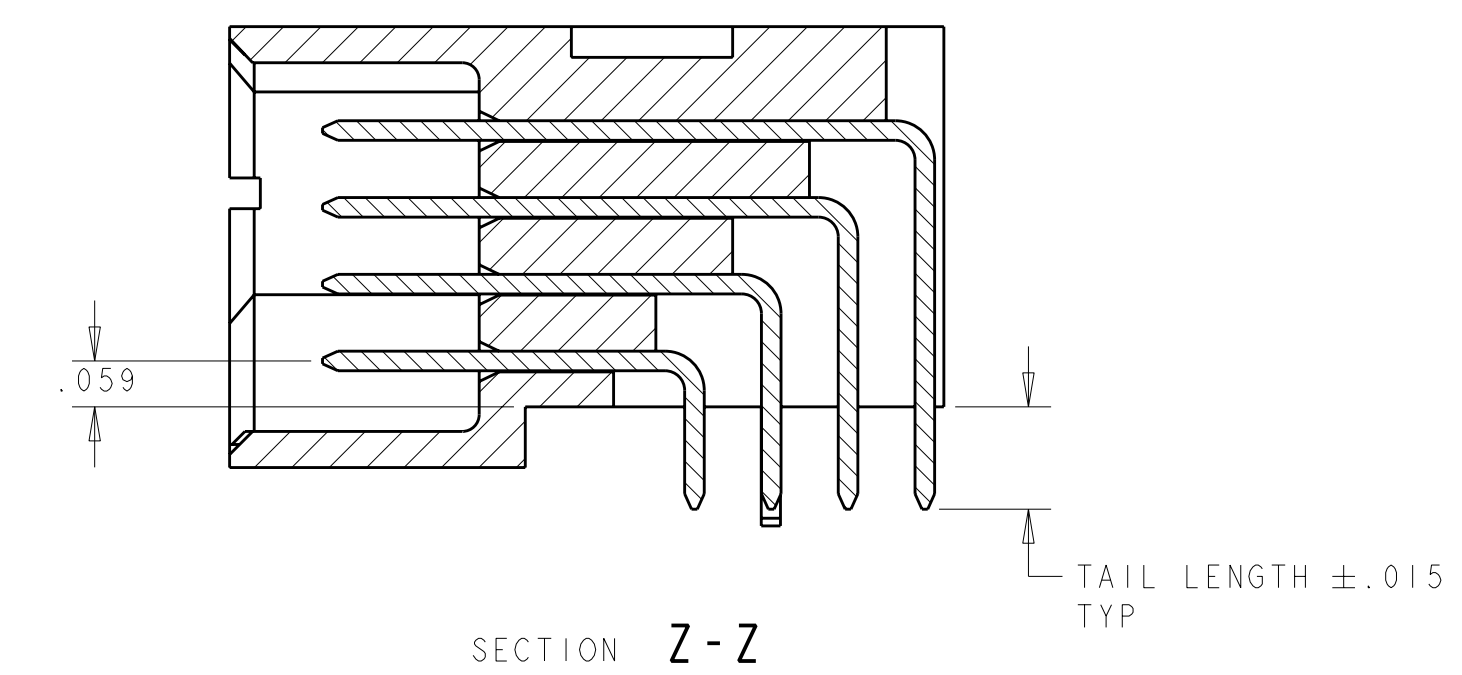
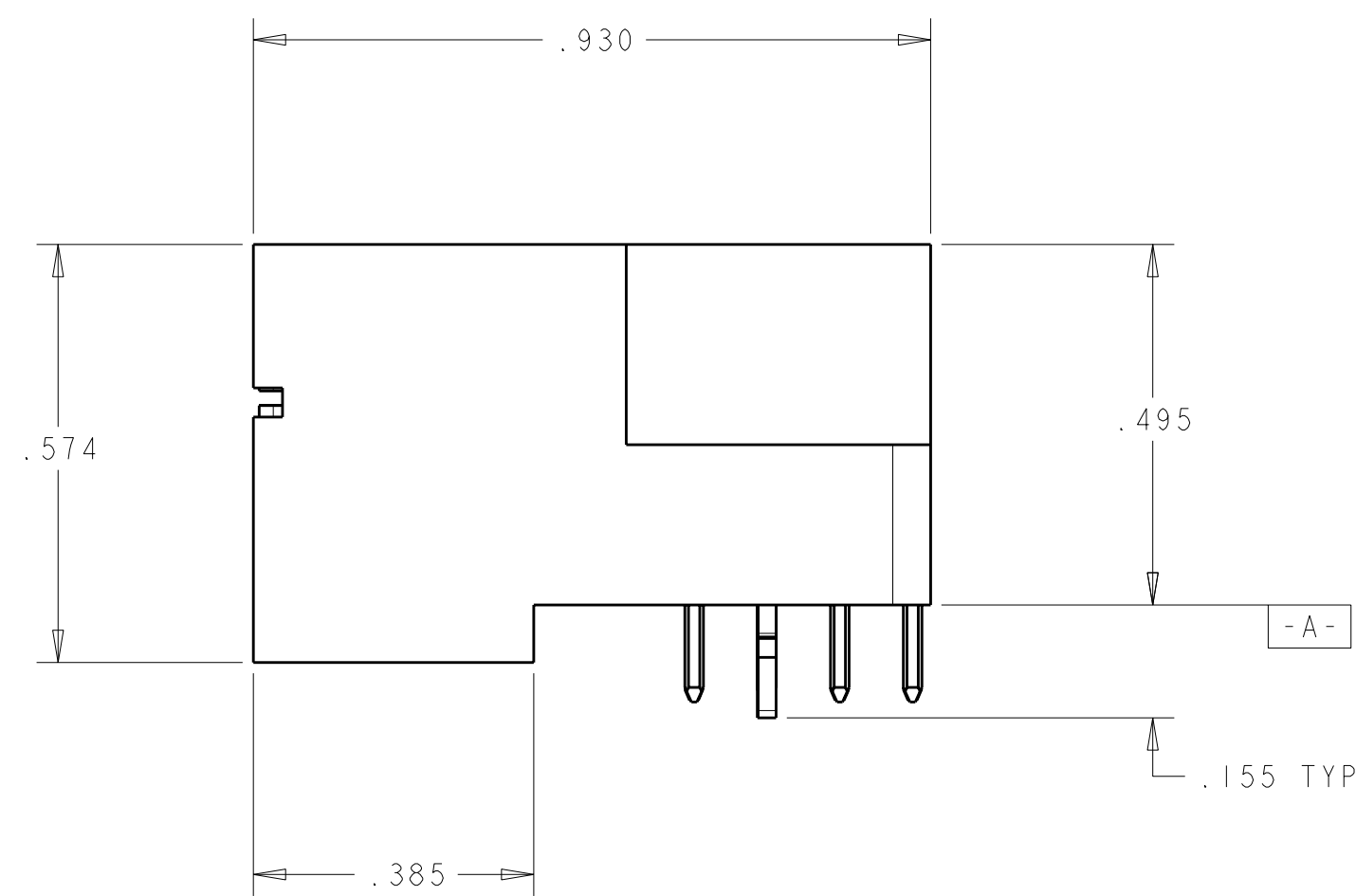
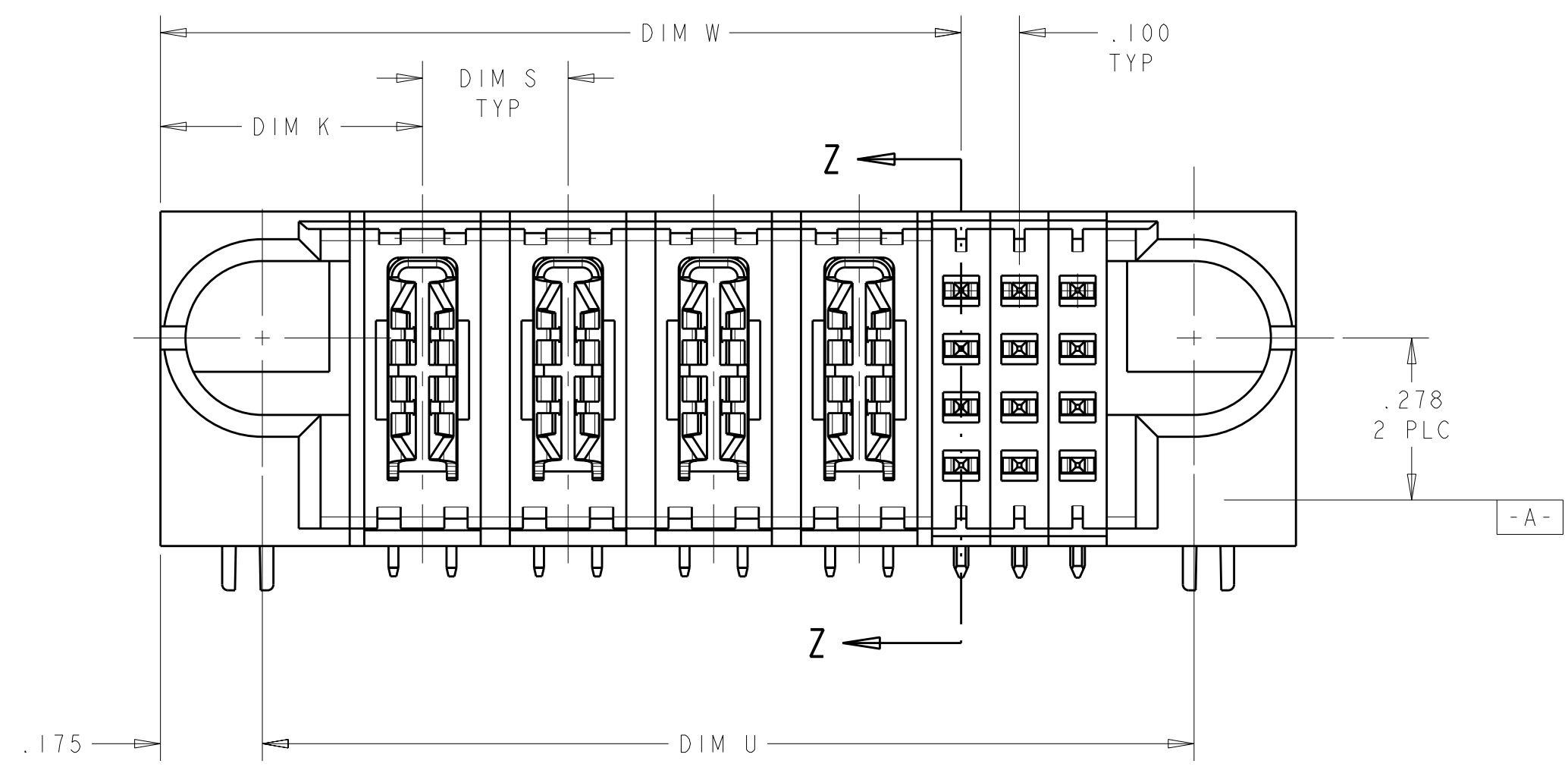
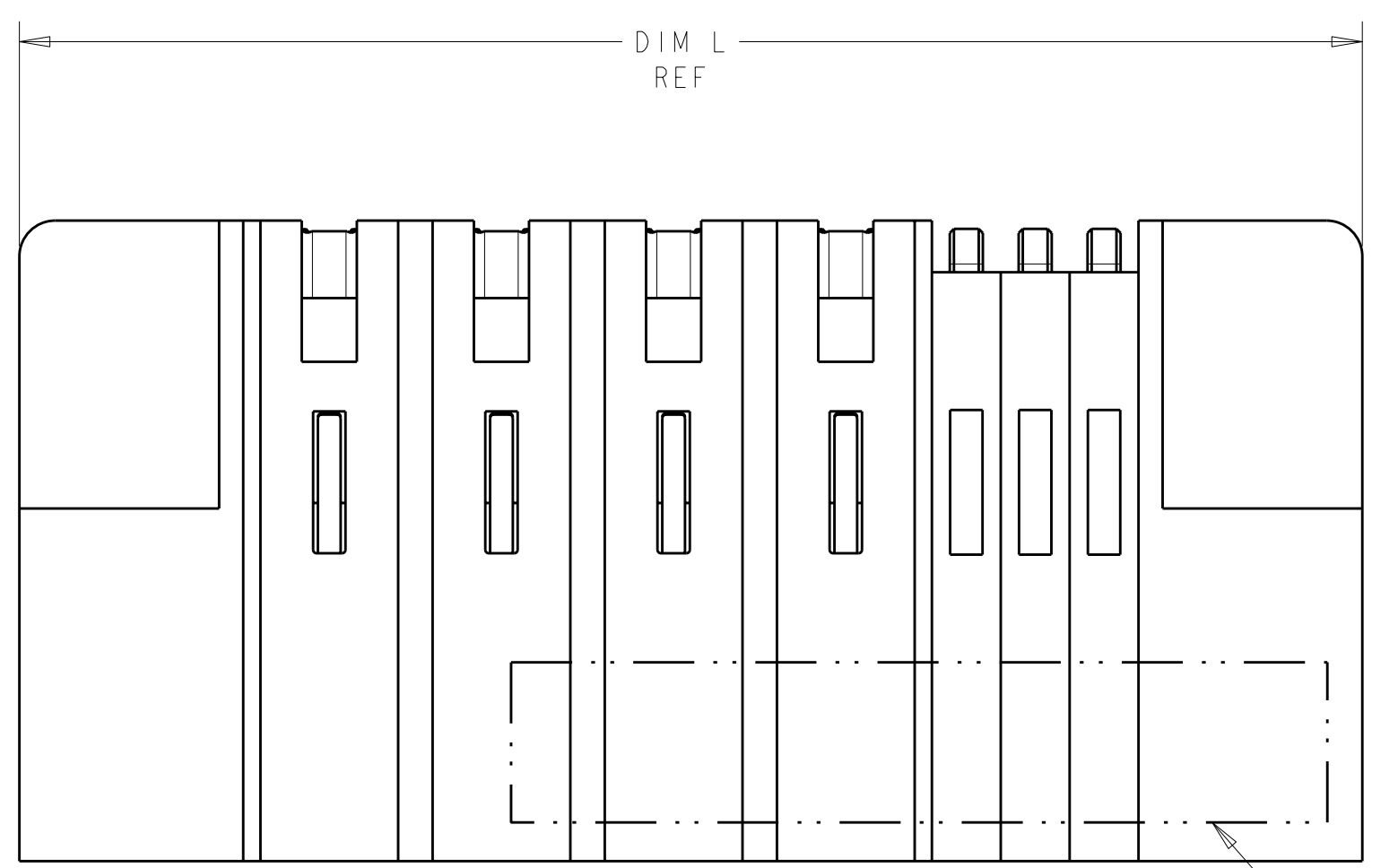


LOC	DIST	REVISIONS			
GP	00	REV	DATE	BY	APPD
		C	REV PER ECR-07-012702	12JUN2007	DZ SY
		C1	REVISED	24AUG2007	CZ SY
		D	REV PER ECR-08-013257	28MAY2008	TY SY

- ① "AMP" TRADEMARK, PART NUMBER, AND DATE CODE TO BE MARKED IN AREA SHOWN.
- ② MATERIAL:  
HOUSING - GLASS FILLED HIGH TEMP THERMO PLASTIC, BLACK, UL94 V-0  
SIGNAL CONTACT - COPPER ALLOY  
POWER CONTACT - HIGH CONDUCTIVITY COPPER ALLOY
- ③ CONTACT PLATING:  
SIGNAL CONTACTS- .000050 MIN Ni UNDER ALL  
.000030 MIN Au ON CONTACT AREA  
.000100 MIN Sn AT PCB INTERFACE  
POWER CONTACTS- .000050 MIN Ni UNDER ALL  
.000030 MIN Au AT CONTACT AREA  
.000100 MIN Sn AT PCB INTERFACE
- ④ MECHANICAL CONNECTOR KEEP OUT ZONE
- 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 PLATING TO ACHIEVE A .040 DIA HOLE
- ⑧ VARIABLE DIMENSION SHOWN ON TABLE.
- ⑨ NOT RELEASED FOR PRODUCTION.



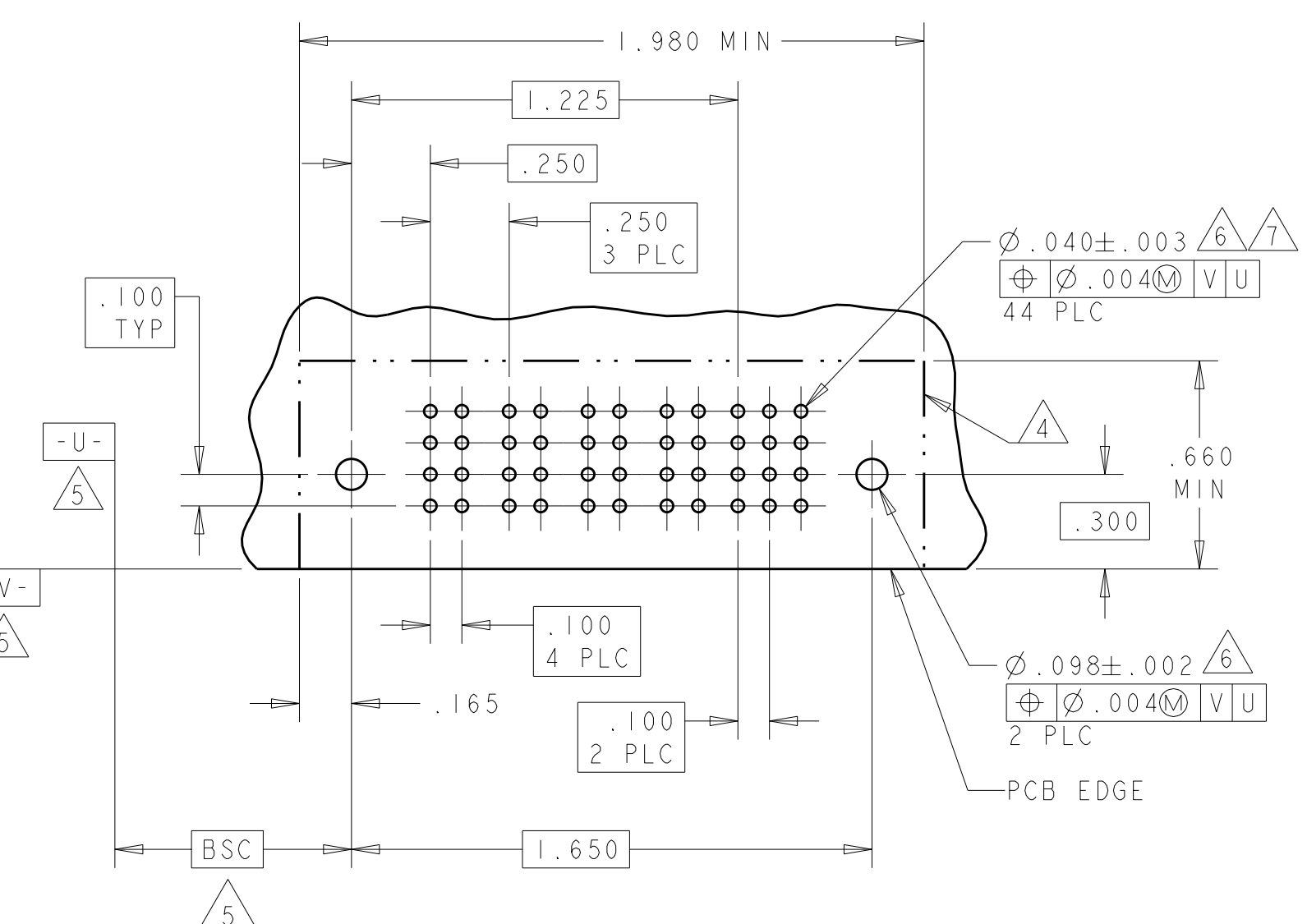
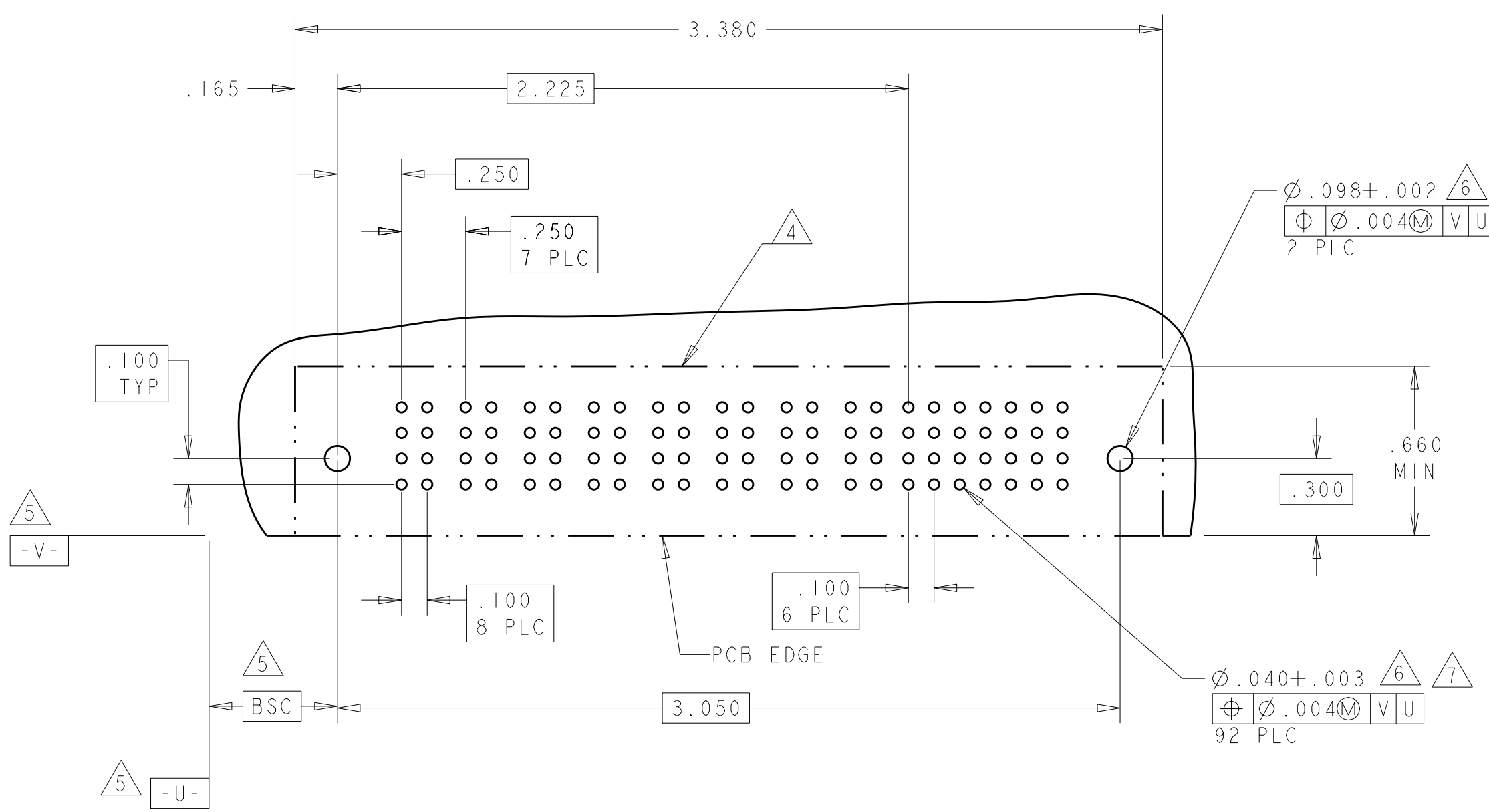
2.150	.200	1.625	2.200	.450	2.500	6P + 24S	2-6450132-0
3.325	⑧	2.800	3.375	.425	3.675	3ACP + 6P + 24S	1-6450132-9
2.075	.300	1.550	2.125	.475	2.425	4ACP + 24S	1-6450132-8
4.000	-	.375	4.050	-	4.350	148S	1-6450132-7
4.700	.250	3.925	4.750	.450	5.050	14P + 32S	1-6450132-5
2.825	⑧	2.300	2.875	.475	3.175	3ACP + 4P + 24S	1-6450132-3
2.900	.250	2.375	2.950	.450	3.250	8P + 24S	1-6450132-2
2.250	.250	1.975	2.300	.475	2.600	6P + 12S	6450132-8
2.675	.250	2.125	2.725	.450	3.025	7P + 24S	6450132-7
1.100	-	.575	1.150	.425	1.450	1P + 24S	6450132-6
2.925	.250	2.375	2.975	.450	3.275	8P + 24S	6450132-5
4.600	.250	3.875	4.650	.450	4.950	14P + 32S	6450132-4
3.000	.250	2.375	3.050	.450	3.350	8P + 28S	6450132-3
1.600	.250	1.375	1.650	.450	1.950	4P + 12S	6450132-2
1.600	.250	1.375	1.650	.450	1.950	4P + 12S	6450132-1
DIM U	DIM S	DIM W	DIM D	DIM K	DIM L	DESCRIPTION	PART NUMBER

DIMENSIONS: INCHES 		TOLERANCES UNLESS OTHERWISE SPECIFIED: 9 PLC ±.01 1 PLC ±.01 5 PLC ±.005 4 PLC ±.0020 ANGLES ±.020 #2		DWN: R. GRZYBOWSKI CHK: M. PERCHERKE APVD: M. PERCHERKE NAME: M. PERCHERKE PRODUCT SPEC: 108-1973 APPLICATION SPEC: 114-13038 WEIGHT: - FINISH: -		DWN: R. GRZYBOWSKI CHK: M. PERCHERKE APVD: M. PERCHERKE NAME: M. PERCHERKE PRODUCT SPEC: 108-1973 APPLICATION SPEC: 114-13038 WEIGHT: - FINISH: -		Tyco Electronics Corporation Shanghai, P.R. China, 200233 RIGHT ANGLE HEADER ASSEMBLY W/GUIDES MULTI-BEAM XL SIZE: A1 CAGE CODE: 00779 DRAWING NO: 6450132 SCALE: 1:1 SHEET: 1 OF 7 REV: D	
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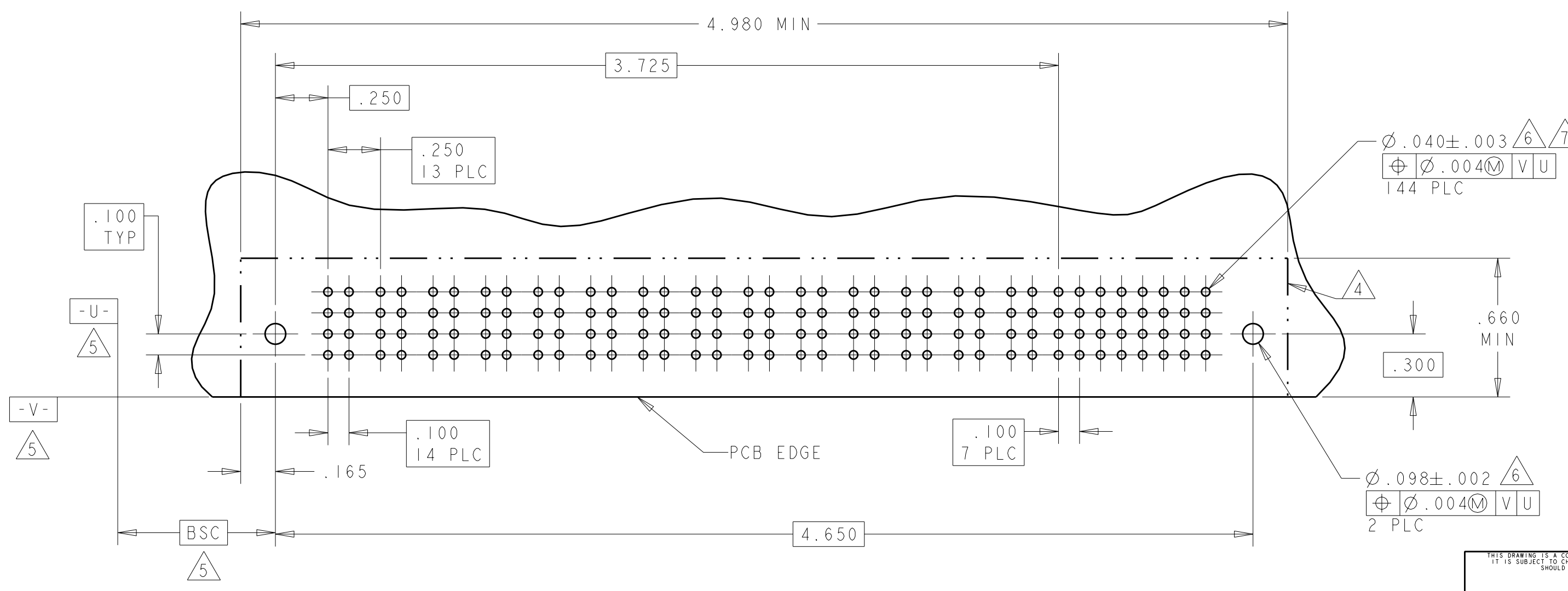
PART NUMBER	ROWS	POWER				SIGNAL		
		P1	P2	P3	P4	1	2	3
6450132-1	D C B A	PM	PM			J K N S	E F N S	J F N S
4P + 12S		NO CONTACT LOADED						

PART NUMBER	ROWS	POWER				SIGNAL		
		P1	P2	P3	P4	1	2	3
6450132-2	D C B A	PM	PM	PM	PM	J K N S	E F N S	J F N S
4P + 12S								

PART NUMBER	ROWS	POWER								SIGNAL						
		P1	P2	P3	P4	P5	P6	P7	P8	1	2	3	4	5	6	7
6450132-3	D C B A	PM	PM	PM	PM	PM	PM	PM	PM	E F G S	E F G S	E F G S	E F G S	E F G S	E F G S	E F G S
8P + 28S																



PART NUMBER	ROWS	POWER														SIGNAL									
		P1	P2	P3	P4	P5	P6	P7	P8	P9	P10	P11	P12	P13	P14	1	2	3	4	5	6	7	8		
6450132-4	D C B A	PM	PM	PM	PM	PM	PM	PM	PM	PM	PM	PM	PM	PM	J K N S	J K N S	J K N S	J K N S	J K N S	J K N S	J K N S	J K N S	J K N S		
14P + 32S																									



CODE	MATING SEQUENCE	TAIL LENGTH	ROW
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
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

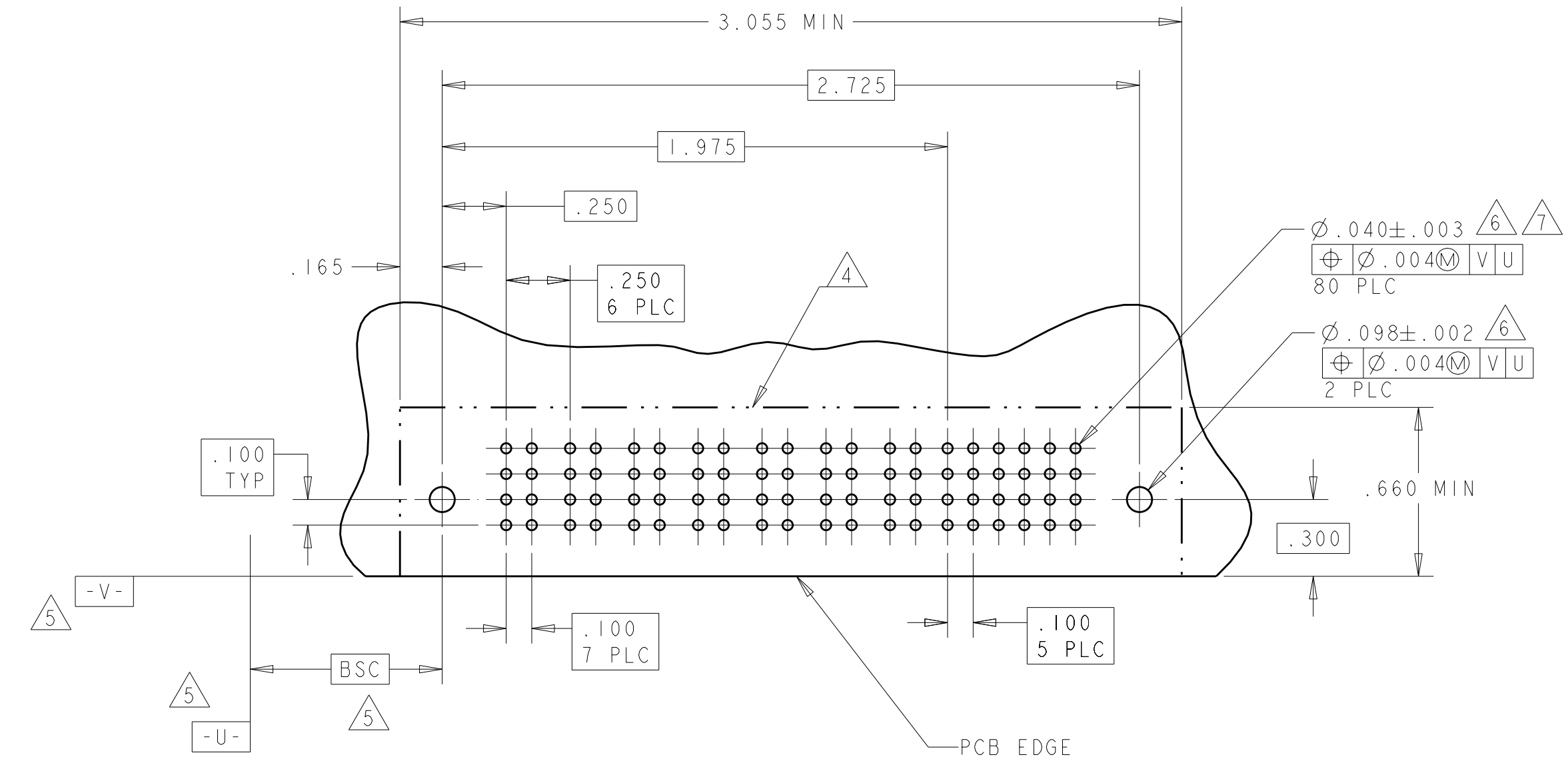
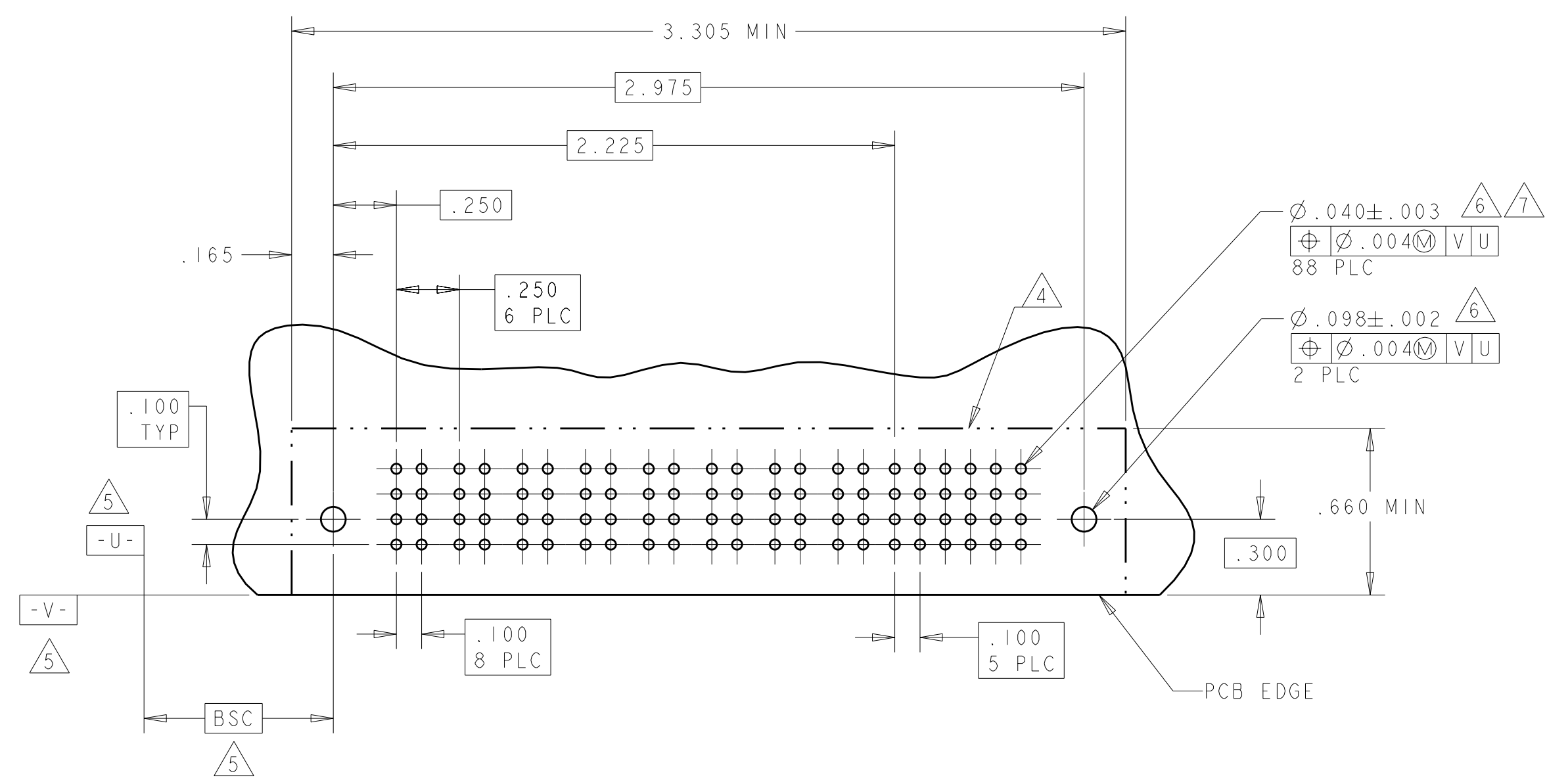
PA	.090
PM	.135
CODE	TAIL LENGTH
POWER CONTACT	

DIMENSIONS: INCHES		TOLERANCES UNLESS OTHERWISE SPECIFIED:		DWN R. GRZYBOWSKI 10FEB05		CHK M. PERCHERKE 10FEB05		APVD M. PERCHERKE		NAME		Tyco Electronics Corporation	
9 PLC ±.01		5 PLC ±.005		108-1973		114-13038		108-1973		114-13038		Shanghai, P.R.China, 200233	
4 PLC ±.0020		ANGLES #2		APPLICATION SPEC		WEIGHT		PRODUCT SPEC		RIGHT ANGLE HEADER ASSEMBLY W/GUIDES		RESTRICTED TO	
MATERIAL		FINISH		CUSTOMER DRAWING		SCALE		1:1		SHEET 2 OF 7		REV D	

LOC	DIST	REV	DATE	BY	APPD
GP	00				
DESCRIPTION			DATE	BY	APPD
SEE SHEET 1					

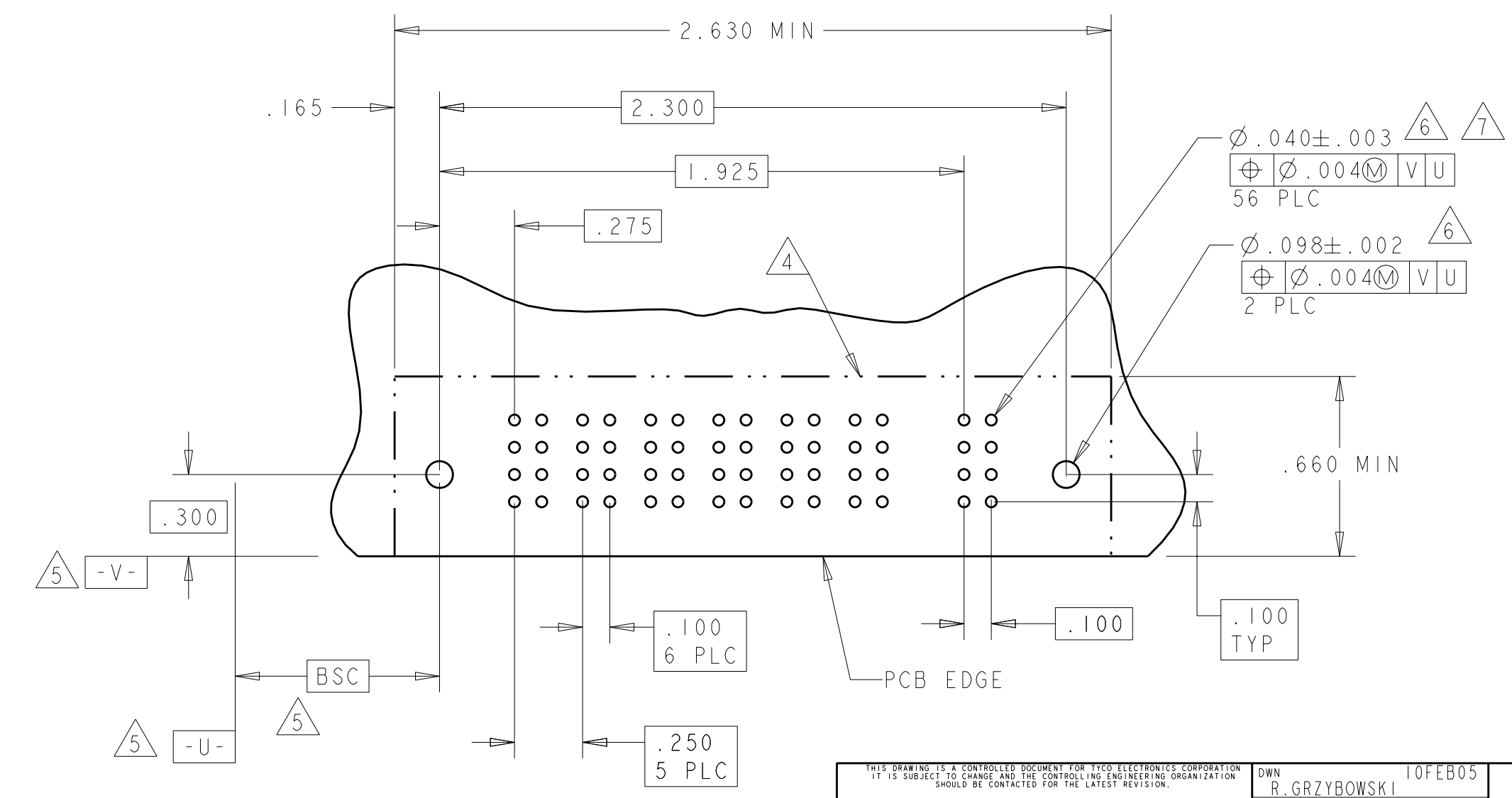
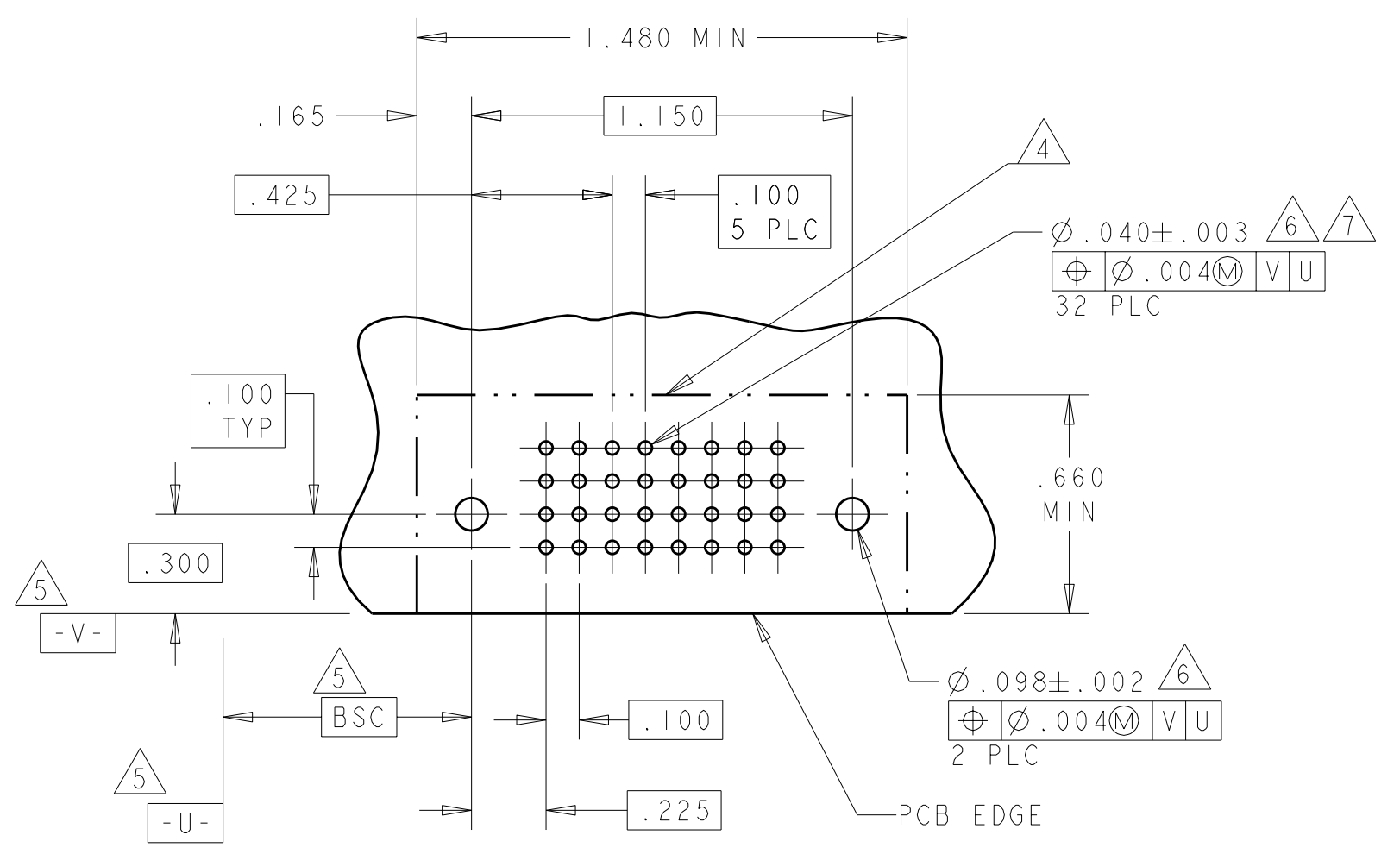
PART NUMBER	ROWS	POWER								SIGNAL					
		P1	P2	P3	P4	P5	P6	P7	P8	1	2	3	4	5	6
6450132-5	D C B A	PM	PM	PM	PM	PM	PM	PM	PM	J	J	J	J	E	E
										K	K	K	K	F	F
										N	N	N	N	G	G
										S	S	S	S	H	H
8P + 24S															

PART NUMBER	ROWS	POWER							SIGNAL					
		P1	P2	P3	P4	P5	P6	P7	1	2	3	4	5	6
6450132-7	D C B A	PM	PM	PM	PM	PM	PM	PM	J	J	E	J	J	J
									K	K	K	K	K	K
									N	N	N	N	N	N
									S	S	S	S	S	S
7P + 24S														



PART NUMBER	ROWS	POWER							SIGNAL					
		P1	1	2	3	4	5	6	1	2	3	4	5	6
6450132-6	D C B A	PM	E	E	E	E	E	J						
			F	F	F	F	F	F						
			G	G	G	G	G	G						
			H	H	H	H	H	H						
1P + 24S														

PART NUMBER	ROWS	POWER						SIGNAL		
		P1	P2	P3	P4	P5	P6	1	2	3
6450132-8	D C B A	PM	PM	PM	PM	PM	PM			
								E	E	
								F	F	
								G	G	
								H	H	
6P + 12S										

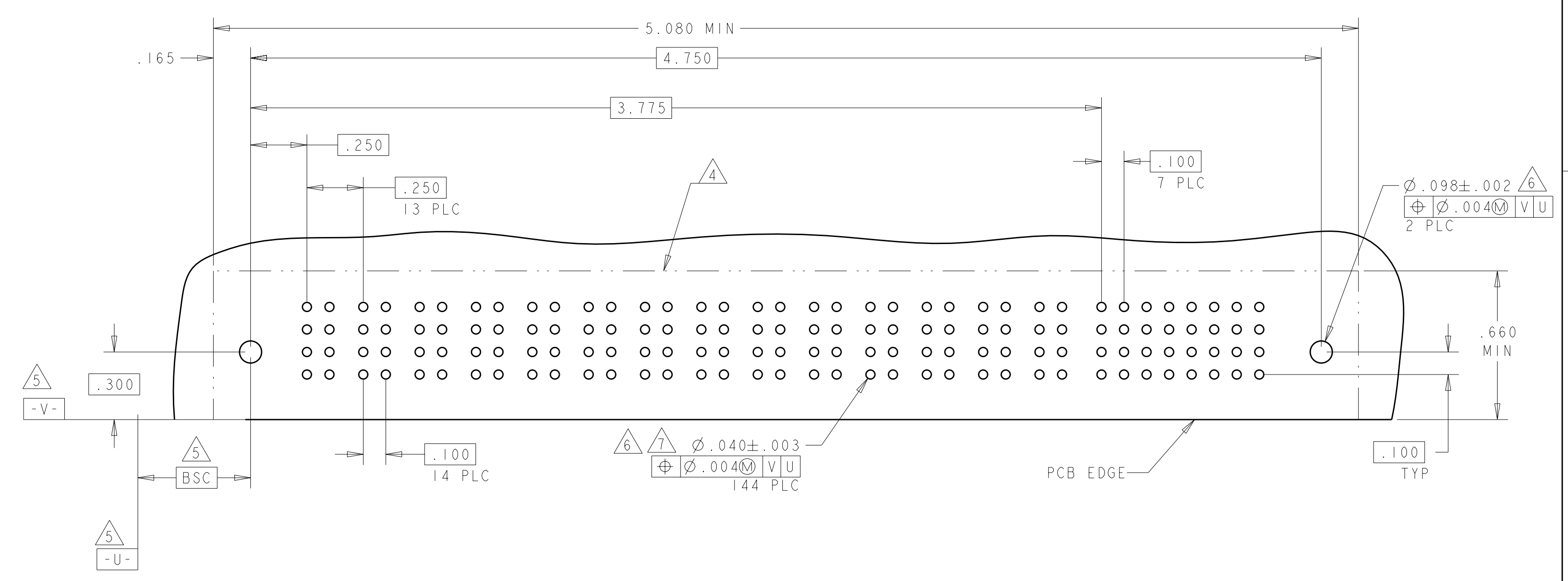
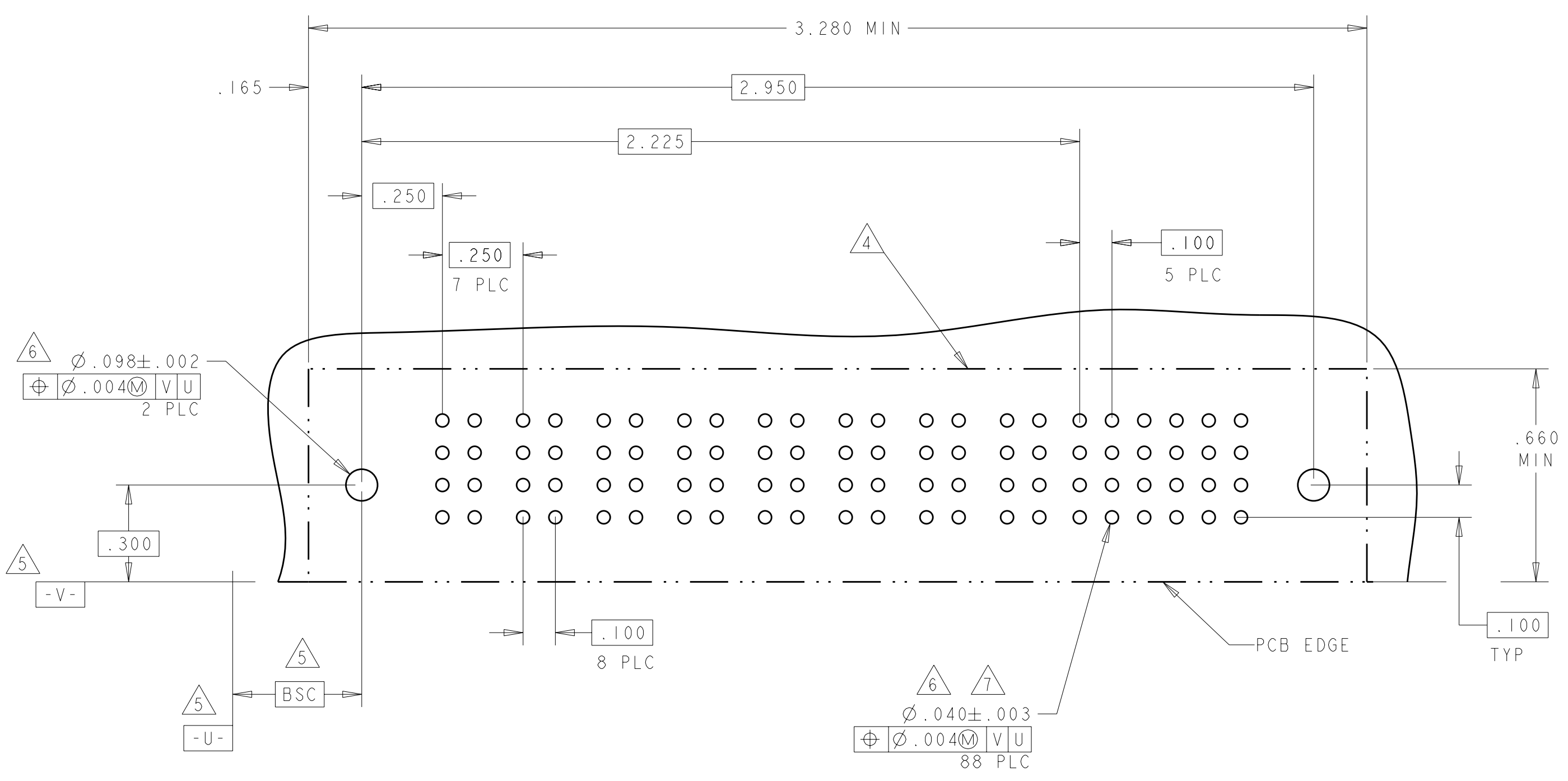


DIMENSIONS: INCHES 		TOLERANCES UNLESS OTHERWISE SPECIFIED: 9 PLC ±.01 5 PLC ±.005 4 PLC ±.002 ANGLES #2		DWN R. GRZYBOWSKI 10FEB05 CHK M. PERCHERKE 10FEB05 APVD M. PERCHERKE PRODUCT SPEC 108-1973 APPLICATION SPEC 114-13038 WEIGHT CUSTOMER DRAWING		Tyco Electronics Corporation Shanghai, P.R.China, 200233 NAME RIGHT ANGLE HEADER ASSEMBLY W/GUIDES MULTI-BEAM XL SIZE CAGE CODE DRAWING NO A11 00779 C=6450132 SCALE 1:1 SHEET 3 OF 7 REV D	
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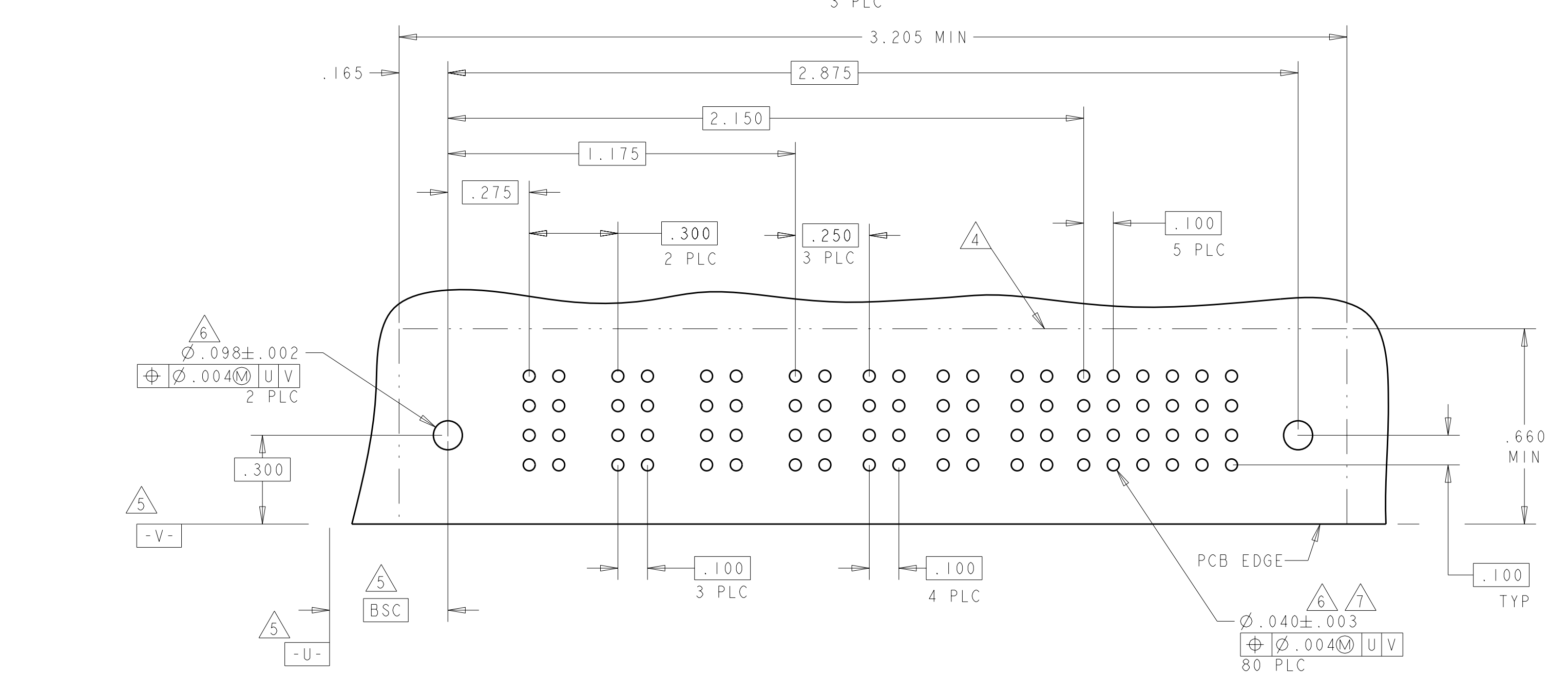
LOC	DIST	REV	DATE	BY	APPD
GP	00				

PART NUMBER	ROWS	POWER								SIGNAL					
		P1	P2	P3	P4	P5	P6	P7	P8	1	2	3	4	5	6
I-6450132-2	D C B A	PM	PM	PM	PM	PM	PM	PM	PM	J	J	J	J	E	E
		PM	PM	PM	PM	PM	PM	PM	PM	K	K	K	K	F	F
		PM	PM	PM	PM	PM	PM	PM	PM	N	N	N	N	G	G
		PM	PM	PM	PM	PM	PM	PM	PM	S	S	S	S	H	H
8P + 24S															

PART NUMBER	ROWS	POWER														SIGNAL							
		P1	P2	P3	P4	P5	P6	P7	P8	P9	P10	P11	P12	P13	P14	1	2	3	4	5	6	7	8
I-6450132-5	D C B A	PM	PM	PM	PM	PM	PM	PM	PM	PM	PM	PM	PM	PM	PM	E	J	J	J	E	J	J	J
		PM	PM	PM	PM	PM	PM	PM	PM	PM	PM	PM	PM	PM	PM	F	K	K	K	F	K	K	K
		PM	PM	PM	PM	PM	PM	PM	PM	PM	PM	PM	PM	PM	PM	N	N	N	N	N	N	N	N
		PM	PM	PM	PM	PM	PM	PM	PM	PM	PM	PM	PM	PM	PM	S	S	S	S	S	S	S	S
14P + 32S																							



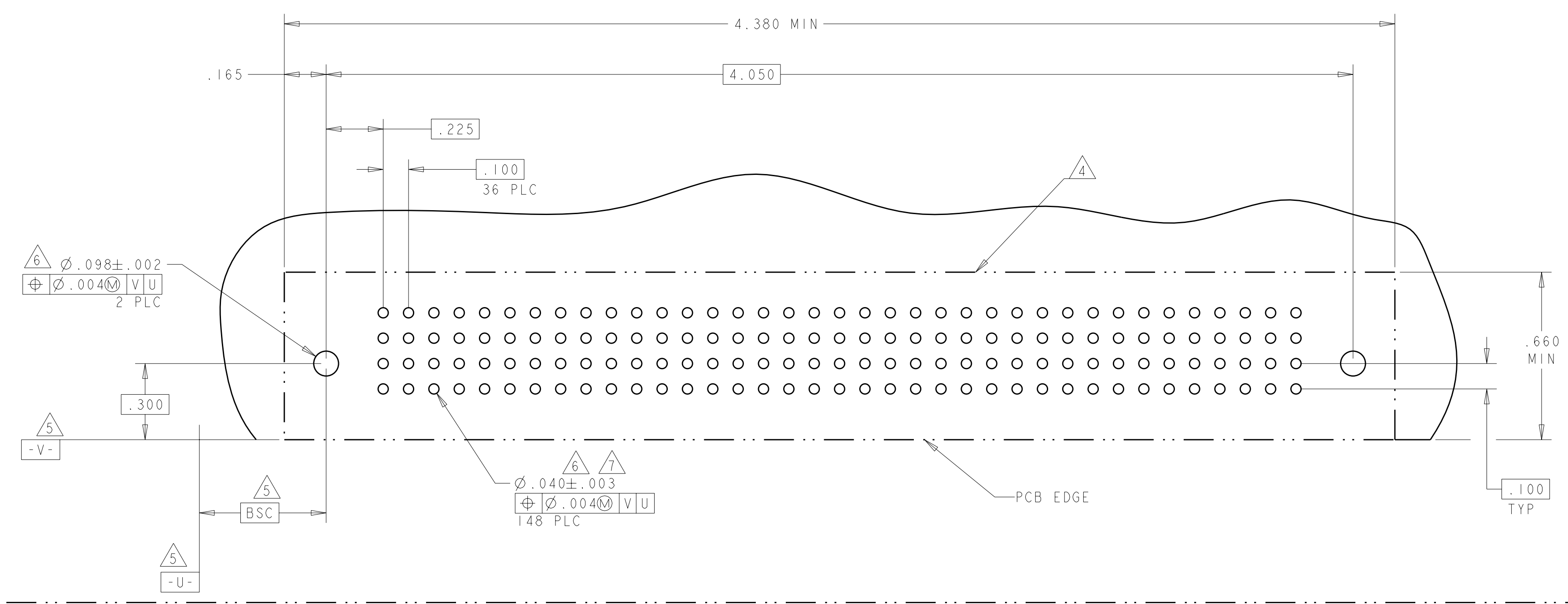
PART NUMBER	ROWS	POWER							SIGNAL						
		P1	P2	P3	P4	P5	P6	P7	1	2	3	4	5	6	
I-6450132-3	D C B A	PM	PM	PM	PM	PM	PM	PM	J	J	J	J	E	E	
		PM	PM	PM	PM	PM	PM	PM	K	K	K	F	K	F	
		PM	PM	PM	PM	PM	PM	PM	N	G	N	N	N	G	
		PM	PM	PM	PM	PM	PM	PM	S	H	S	S	S	H	
3ACP + 4P + 24S															



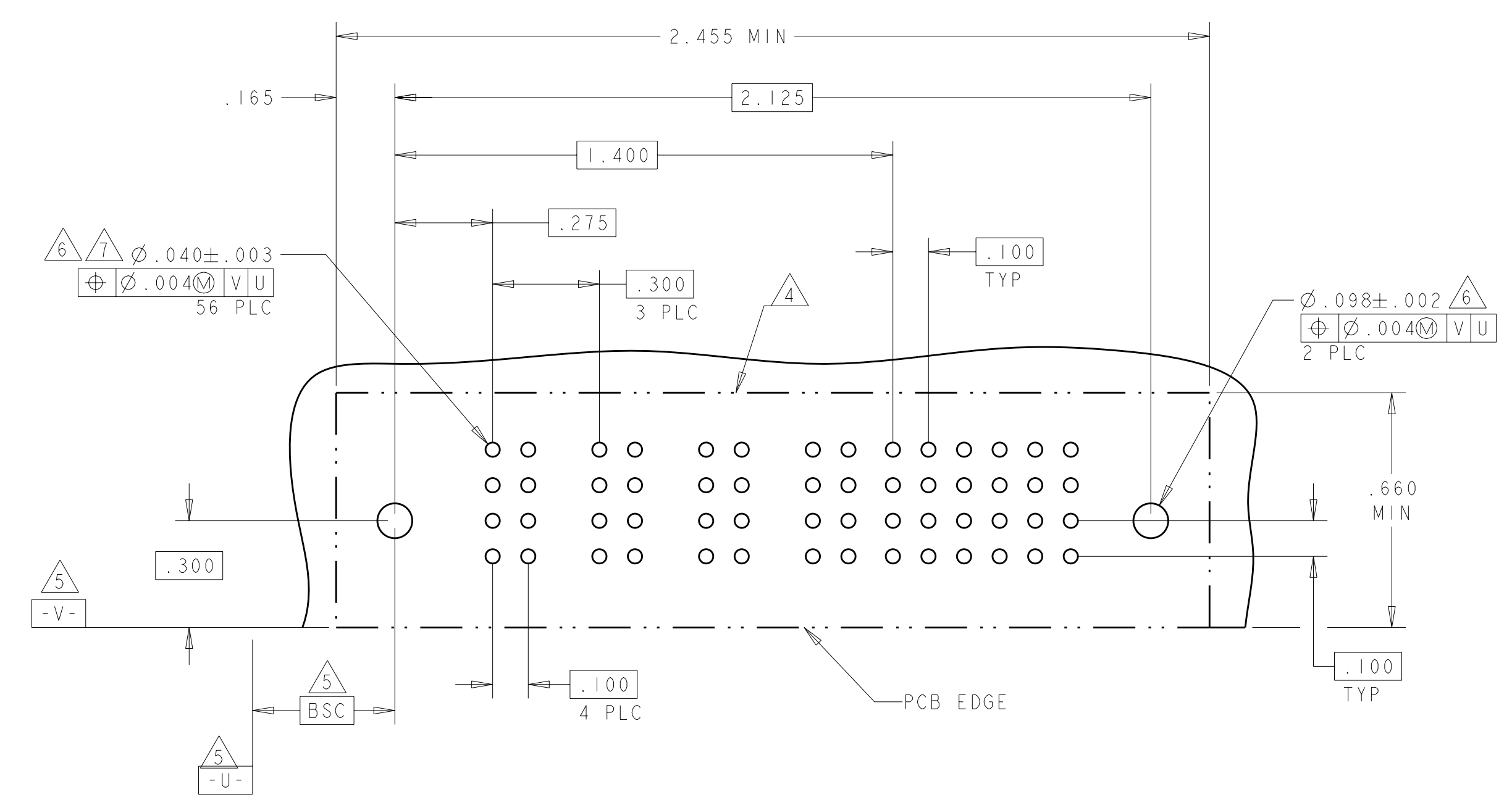
<small>THIS DRAWING IS UNPUBLISHED. RELEASED FOR PUBLICATION. COPYRIGHT 20 BY TYCO ELECTRONICS CORPORATION. ALL RIGHTS RESERVED.</small>		DWN: R. GRZYBOWSKI CHK: M. PERCHERKE APVD: M. PERCHERKE	10FEB05 10FEB05 NAME: M. PERCHERKE PRODUCT SPEC: 108-1973 APPLICATION SPEC: 114-13038 WEIGHT: - CUSTOMER DRAWING	Tyco Electronics Corporation Shanghai, P.R. China, 200233
DIMENSIONS: INCHES:	TOLERANCES UNLESS OTHERWISE SPECIFIED: 9 PLC ±. 1 PLC ±.01 5 PLC ±.01 4 PLC ±.002 ANGLES #2	RIGHT ANGLE HEADER ASSEMBLY W/GUIDES MULTI-BEAM XL	SIZE: A1 CAGE CODE: 00779 DRAWING NO: C-6450132	RESTRICTED TO: - SCALE: 1:1 SHEET: 4 OF 7 REV: D

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

PART NUMBER	ROWS	SIGNAL																		SIGNAL																				
		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	26	27	28	29	30	31	32	33	34	35	36	37		
I-6450132-7	D				J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	
	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	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	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	S	S	S	S	S	S	S	S	
148S		NO CONTACTS LOADED																																						



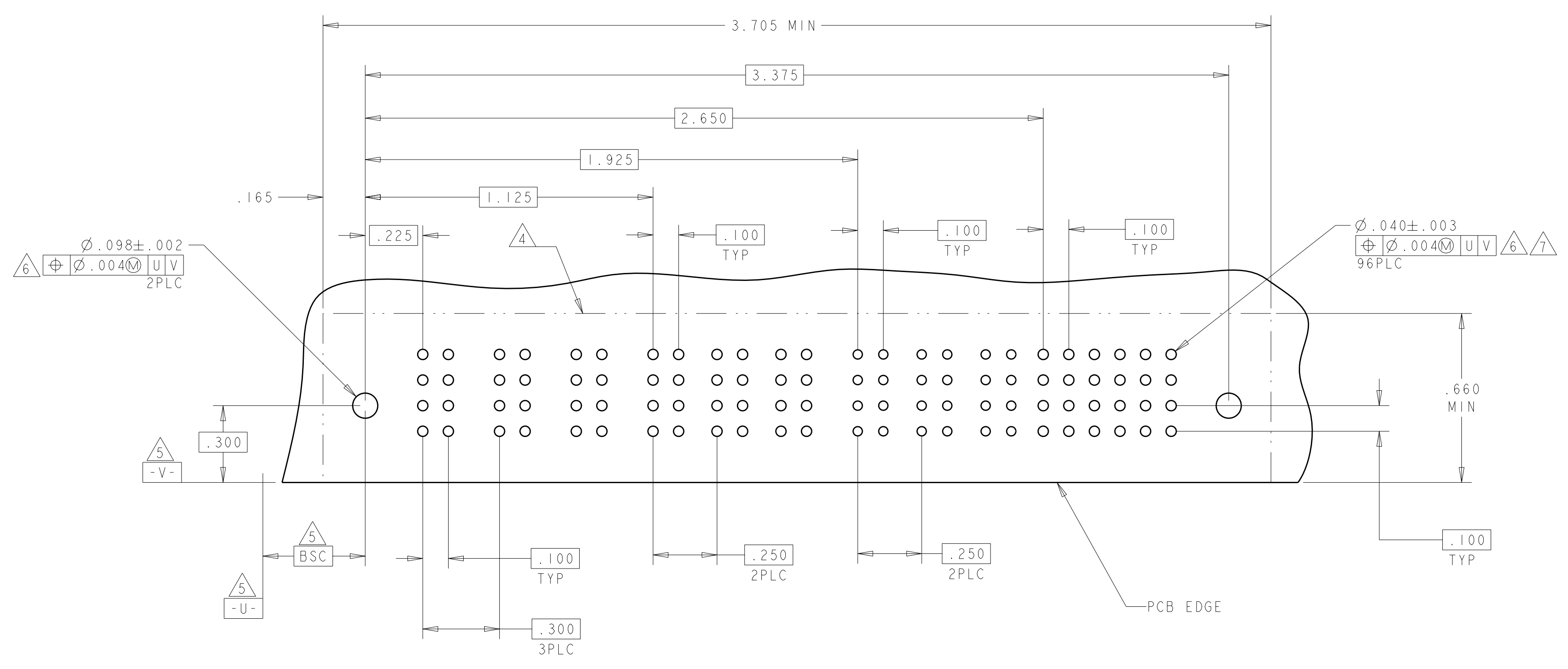
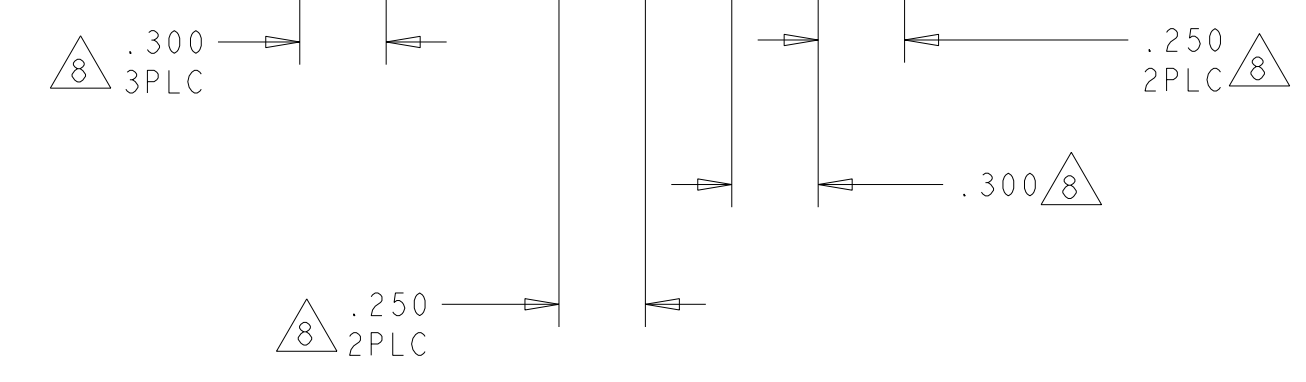
PART NUMBER	ROWS	POWER				SIGNAL					
		P1	P2	P3	P4	1	2	3	4	5	6
I-6450132-8	D					E	J	J	J	J	J
	C					K	K	K	K	K	K
	B					N	N	N	N	N	N
	A					S	S	S	S	S	H
4ACP + 24S											



DIMENSIONS: INCHES 		TOLERANCES UNLESS OTHERWISE SPECIFIED: 9 PLC ±. 1 PLC ±.01 2 PLC ±.01 3 PLC ±.005 4 PLC ±.0020 ANGLES #2		DWN R. GRZYBOWSKI 10FEB05 CHK M. PERCHERKE 10FEB05 APVD M. PERCHERKE NAME PRODUCT SPEC 108-1973 APPLICATION SPEC 114-13038 WEIGHT CUSTOMER DRAWING		Tyco Electronics Tyco Electronics Corporation Shanghai, P.R.China, 200233	
MATERIAL FINISH		WEIGHT SCALE 1:1		SIZE CAGE CODE DRAWING NO A11 00779 C=6450132		RESTRICTED TO SHEET 5 OF 7 REV D	

LOC	DIST	REVISIONS			
GP	00	REV	DATE	BY	APPD
		1	SEE SHEET 1		

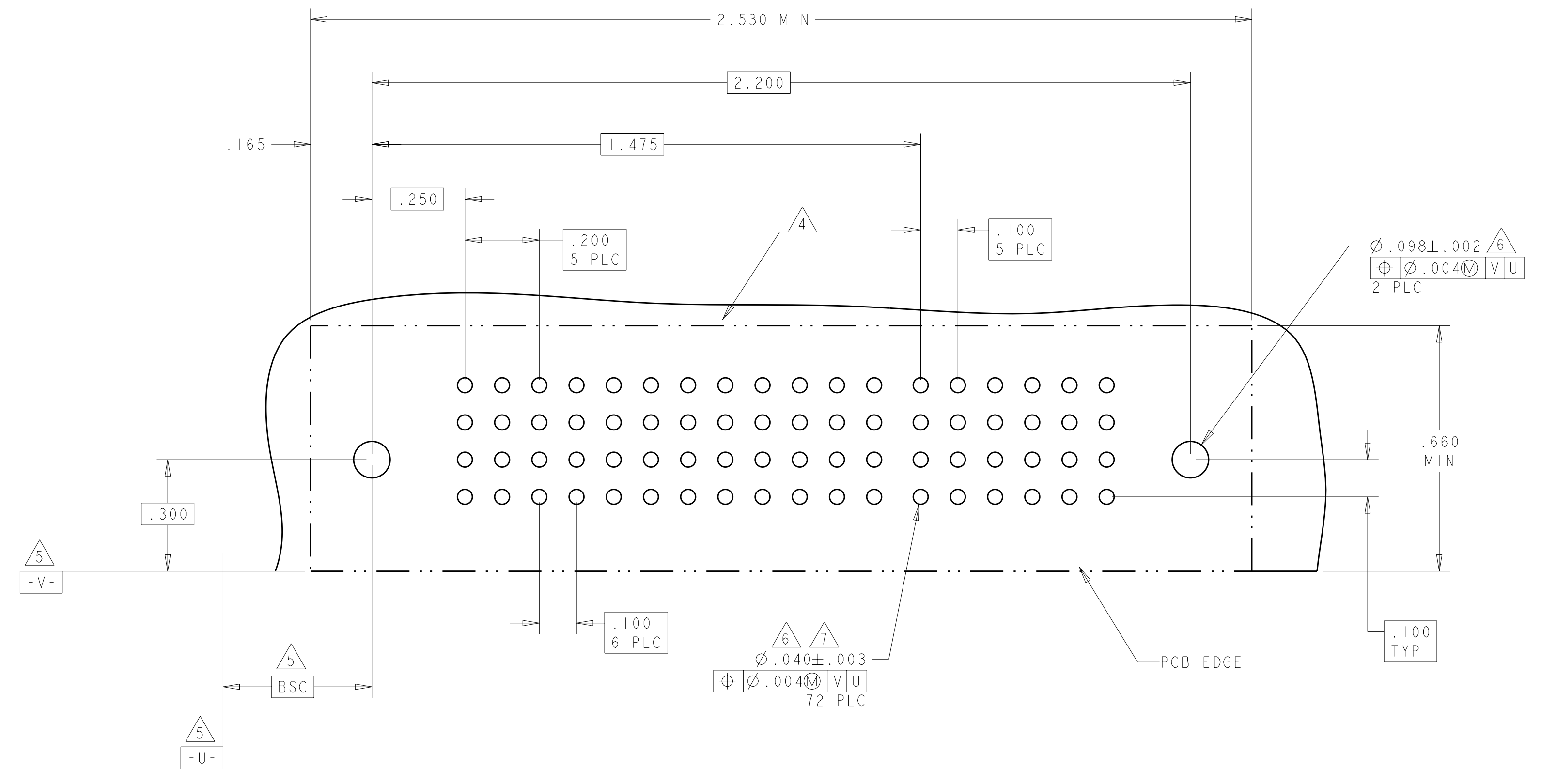
PART NUMBER	ROWS	POWER									SIGNAL					
		P1	P2	P3	P4	P5	P6	P7	P8	P9	1	2	3	4	5	6
1-6450132-9	D	PM	PM	PM	PM	PM	PM	PM	PM	PM	J	E	J	J	J	J
	C										K	K	K	K	K	K
	B										N	N	N	N	N	N
	A										S	S	S	S	S	S
3ACP + 6P + 24S		HD		HD												



<small>THIS DRAWING IS UNPUBLISHED. RELEASED FOR PUBLICATION BY TYCO ELECTRONICS CORPORATION. ALL RIGHTS RESERVED.</small>		DWN: R. GRZYBOWSKI CHK: M. PERCHERKE APVD: M. PERCHERKE	10FE805 10FE805 NAME: M. PERCHERKE	Tyco Electronics Corporation Shanghai, P.R. China, 200233
DIMENSIONS: INCHES	TOLERANCES UNLESS OTHERWISE SPECIFIED: 9 PLC ±. 1 PLC ±.01 2 PLC ±.01 3 PLC ±.005 4 PLC ±.0020 ANGLES #2	PRODUCT SPEC: 108-1973 APPLICATION SPEC: 114-13038 WEIGHT: -	NAME: RIGHT ANGLE HEADER ASSEMBLY W/GUIDES MULTI-BEAM XL SIZE: A CAGE CODE: 00779 DRAWING NO: C=6450132	RESTRICTED TO: -
MATERIAL: -	FINISH: -	CUSTOMER DRAWING	SCALE: 1:1	SHEET 6 OF 7 REV D

LOC	DIST	REVISIONS			
REV	DATE	DESCRIPTION	DATE	DWN	APVD
GP	00	SEE SHEET 1	-	-	-

PART NUMBER	ROWS	POWER						SIGNAL						
		P1	P2	P3	P4	P5	P6	1	2	3	4	5	6	
2-6450132-0	D	HD	PM	PM	PM	PM	PM	PM	J	J	J	J	J	J
	C								K	K	K	K	K	K
	B								N	N	N	N	N	N
	A								H	H	H	H	H	H
6P + 24S														



DIMENSIONS: INCHES		TOLERANCES UNLESS OTHERWISE SPECIFIED: 9 PLC ±. 1 PLC ±.01 2 PLC ±.01 3 PLC ±.005 4 PLC ±.0020 ANGLES #2		DWN R. GRZYBOWSKI 10FEB05 CHK M. PERCHERKE 10FEB05 APVD M. PERCHERKE		Tyco Electronics Corporation Shanghai, P.R.China, 200233	
MATERIAL: - FINISH: -		WEIGHT: - CUSTOMER DRAWING		NAME: RIGHT ANGLE HEADER ASSEMBLY W/GUIDES MULTI-BEAM XL PRODUCT SPEC: 108-1973 APPLICATION SPEC: 114-13038		SIZE: A1 CAGE CODE: 00779 DRAWING NO: C=6450132 RESTRICTED TO: -	
SCALE: 1:1		SHEET: 7 OF 7		REV: D		DATE: - DWN: - APVD: -	