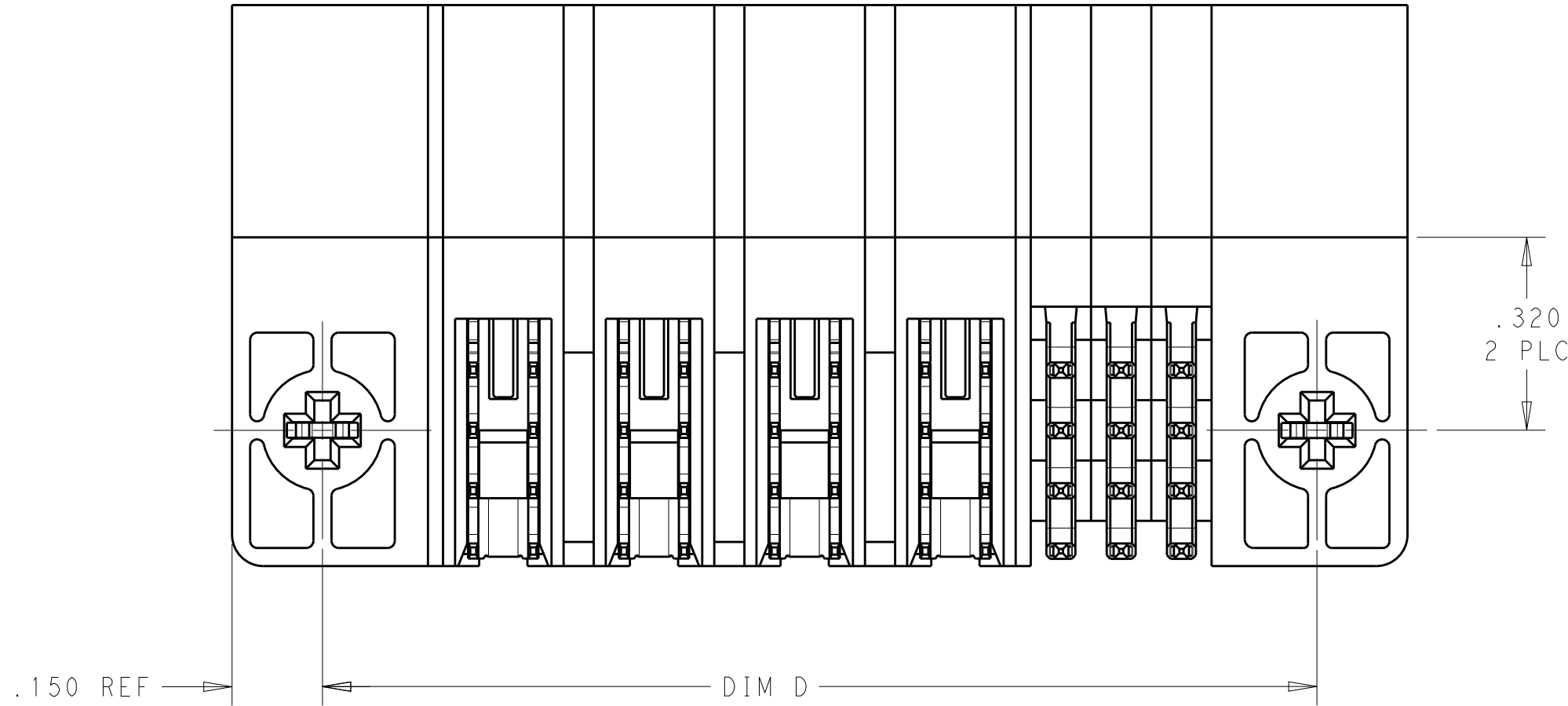
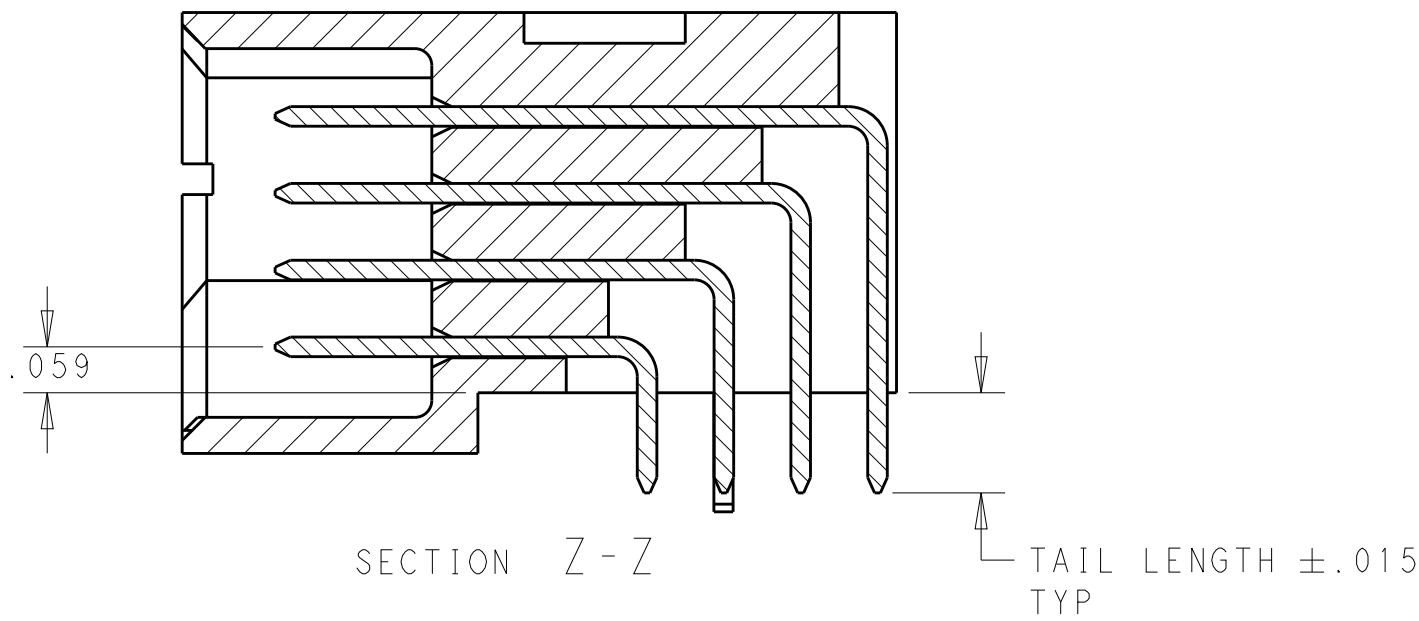
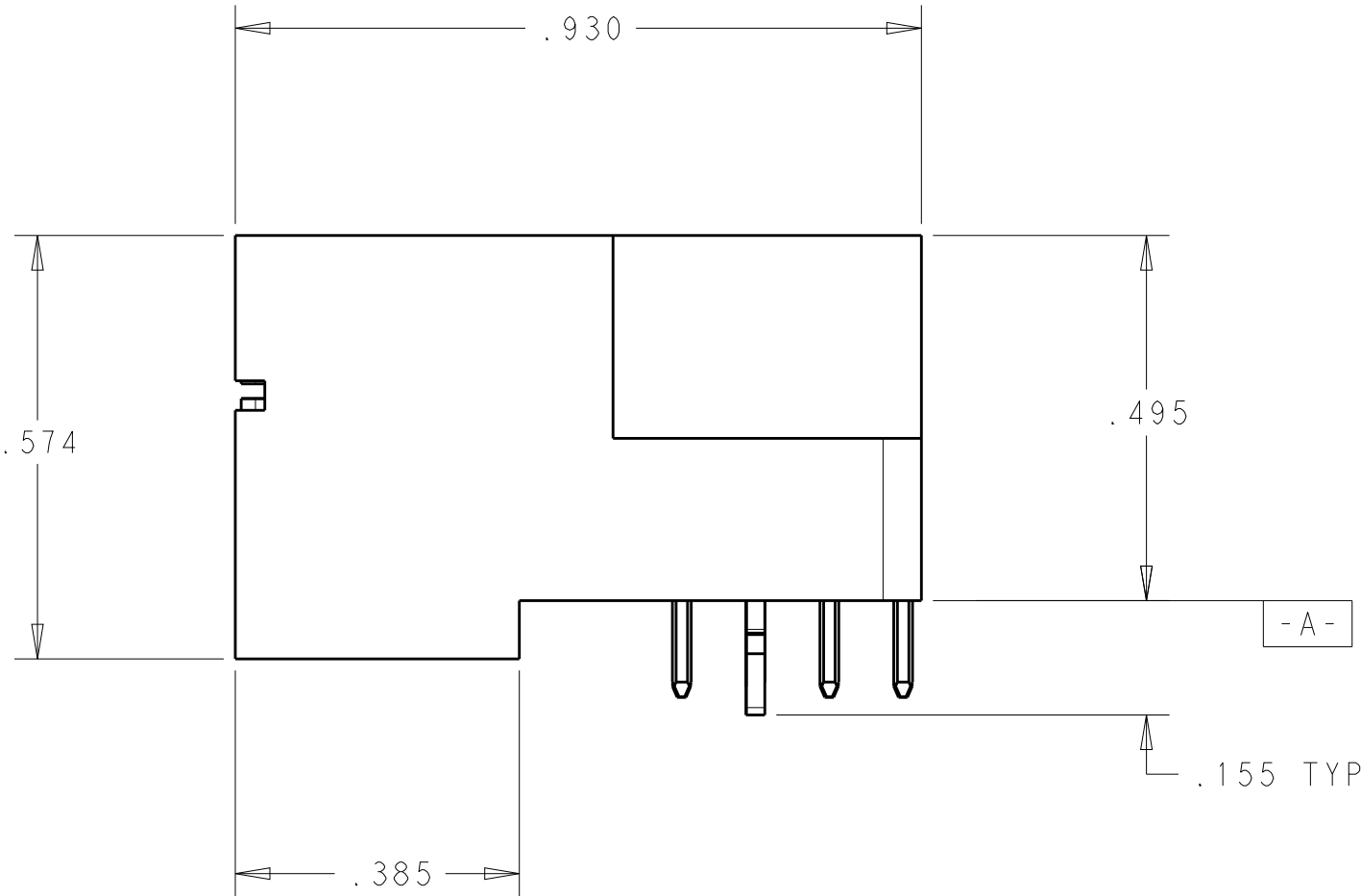
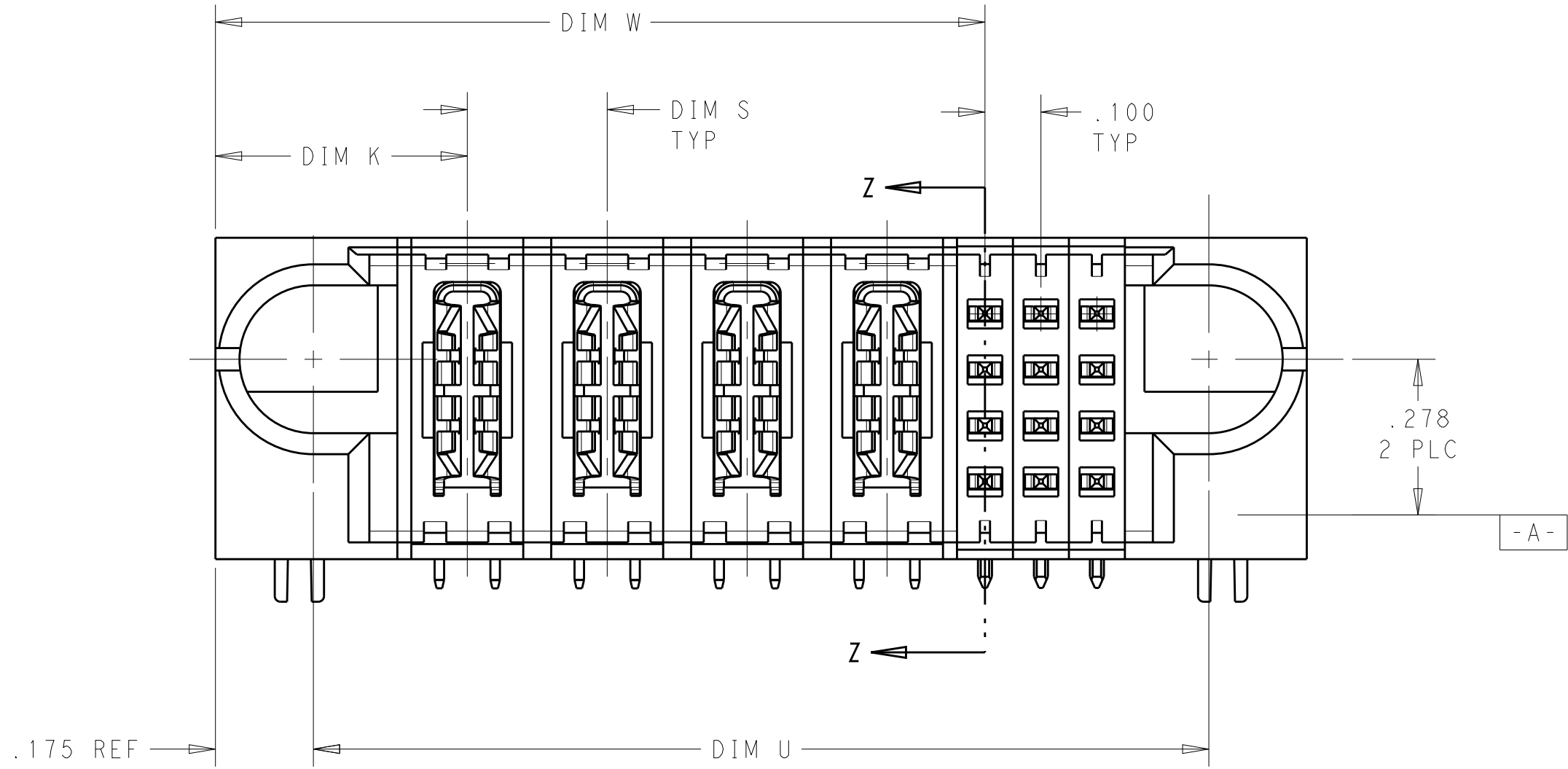
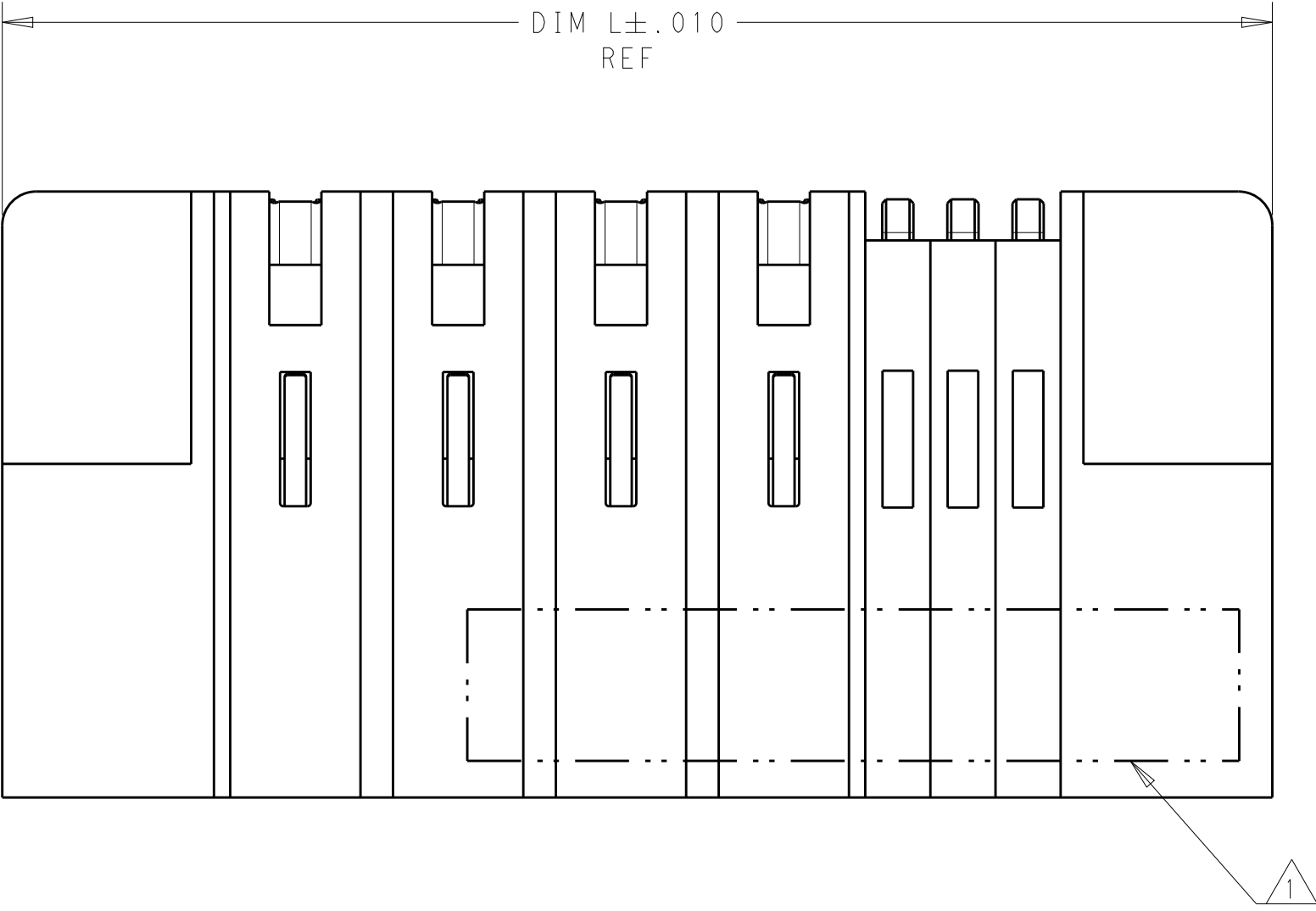


LOC		DIST		REVISIONS				
GP	00	P	LTR	DESCRIPTION	DATE	DWN	APVD	
		E3		ADD NEW DASH NUMBER	27DEC2013	AL	SZ	

- 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: NOBLE METAL PLATING ON CONTACT FUNCTIONAL AREA OF POWER AND SIGNAL CONTACTS
- 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.



THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN R.GRZYBOWSKI 10FEB05	TE Connectivity	
		CHK M.PERCHEKKE 10FEB05		
DIMENSIONS:		APVD M.PERCHEKKE	NAME	
INCHES		PRODUCT SPEC	RIGHT ANGLE HEADER ASSEMBLY W/GUIDES	
		108-1973	MULTI-BEAM XL	
		APPLICATION SPEC		
		114-13038		
		FINISH		
		WEIGHT		
		CUSTOMER DRAWING		
		SCALE 1:1	SHEET 1 OF 11	
		REV E3		

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

E3

4.050		3.325	4.100	.450	4.400	4ACP + 9P + 32S	2-6450132-7
4.000	-	.375	4.050	-	4.350	148S	2-6450132-6
3.575		3.125	3.625	.450	3.925	5ACP+6HDP + 20S	2-6450132-5
2.950	.200	2.425	3.000	.450	3.300	10P + 24S	2-6450132-4
2.950	.200	2.425	3.000	.450	3.300	10P + 24S	2-6450132-3
3.350	.200	2.825	3.400	.450	3.700	12HDP + 24S	2-6450132-2
2.950	.200	2.425	3.000	.450	3.300	10P + 24S	2-6450132-1
2.150	.200	1.625	2.200	.450	2.500	6P + 24S	2-6450132-0
3.325		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
2.300	.250	1.875	2.350	.450	2.650	6P + 20S	1-6450132-6
4.700	.250	3.925	4.750	.450	5.050	14P + 32S	1-6450132-5
2.825		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

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN R.GRZYBOWSKI CHK M.PERCHERKE		10FEB05 10FEB05	
DIMENSIONS: INCHES		TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±.01 1 PLC ±.01 2 PLC ±.005 3 PLC ±.005 4 PLC ±.0020 ANGLES ±2° FINISH		APVD M.PERCHERKE PRODUCT SPEC 108-1973 APPLICATION SPEC 114-13038 WEIGHT -	
MATERIAL -		CUSTOMER DRAWING		SIZE A1 CAGE CODE 00779 DRAWING NO 6450132 RESTRICTED TO -	
				SCALE 1:1 SHEET 2 OF 11 REV E3	

[illegible]

3.380

2.225

.165

.250

.250
7 PLC

4

.098±.002
⊕ ⊖ .004 M V U
2 PLC

.100
TYP

.660
MIN

.300

.100
8 PLC

PCB EDGE

.100
6 PLC

5

-V-

5

BSC

3.050

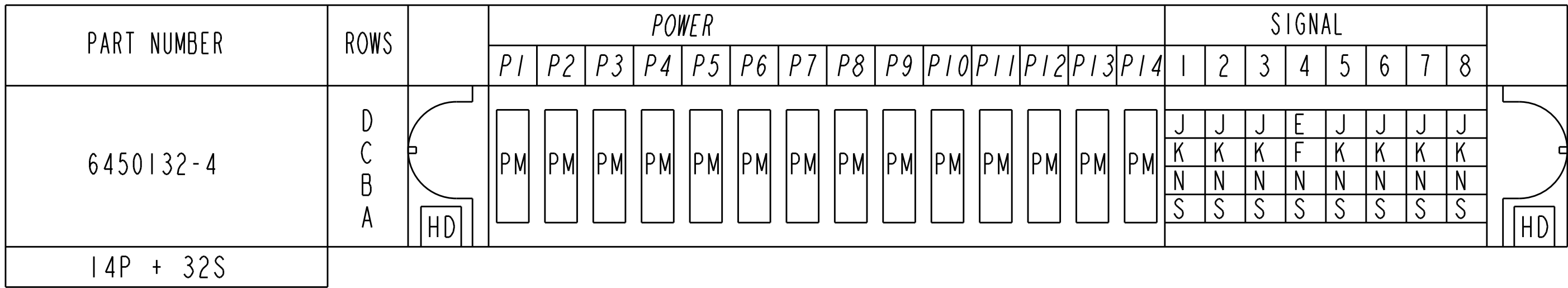
⊕ ⊖ .040±.003
⊕ ⊖ .004 M V U
92 PLC

6

7

5

-U-



Technical drawing of a PCB layout showing dimensions, tolerances, and material specifications.

Key dimensions and tolerances:

- Overall length: 4.980 MIN
- Overall width: .660 MIN
- Top edge dimensions: .250, .250 (13 PLC), .100 (14 PLC), .165
- Bottom edge dimensions: .100 (7 PLC), .300
- Internal dimensions: 3.725, 4.650
- Top right corner: $\varnothing .040 \pm .003$ (6/7), $\varnothing .004$ (M/V/U), 144 PLC
- Bottom right corner: $\varnothing .098 \pm .002$ (6/7), $\varnothing .004$ (M/V/U), 2 PLC

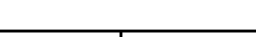
Material and finish specifications:

- Top left: .100 TYP
- Top right: .040 (6/7), .004 (M/V/U), 144 PLC
- Bottom left: .100 (14 PLC), .165
- Bottom right: .100 (7 PLC), .300

Other features:

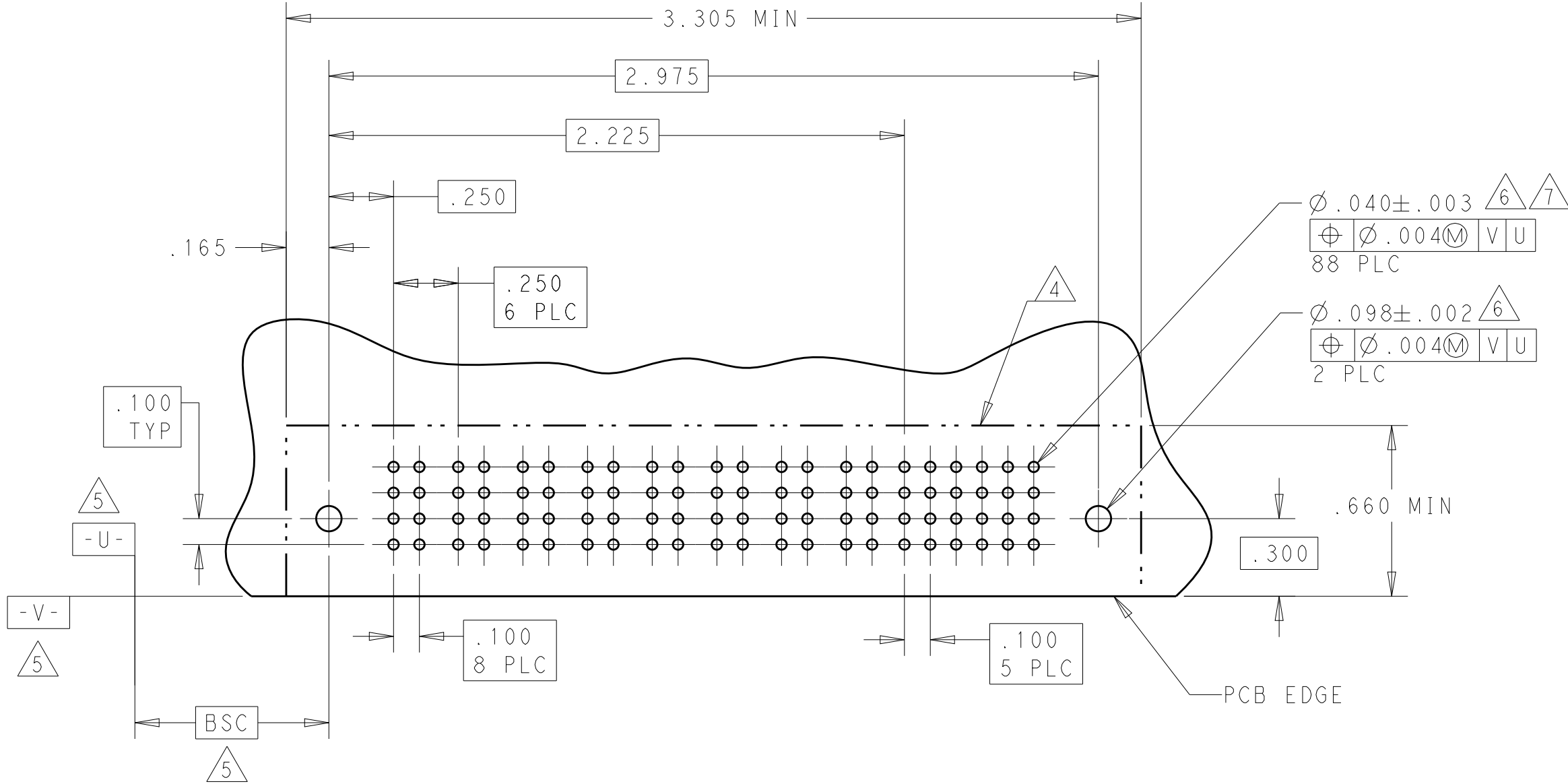
- PCB EDGE
- BSC
- 5 (multiple locations)

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
CODE	MATING SEQUENCE	TAIL LENGTH	ROW
SIGNAL CONTACT			

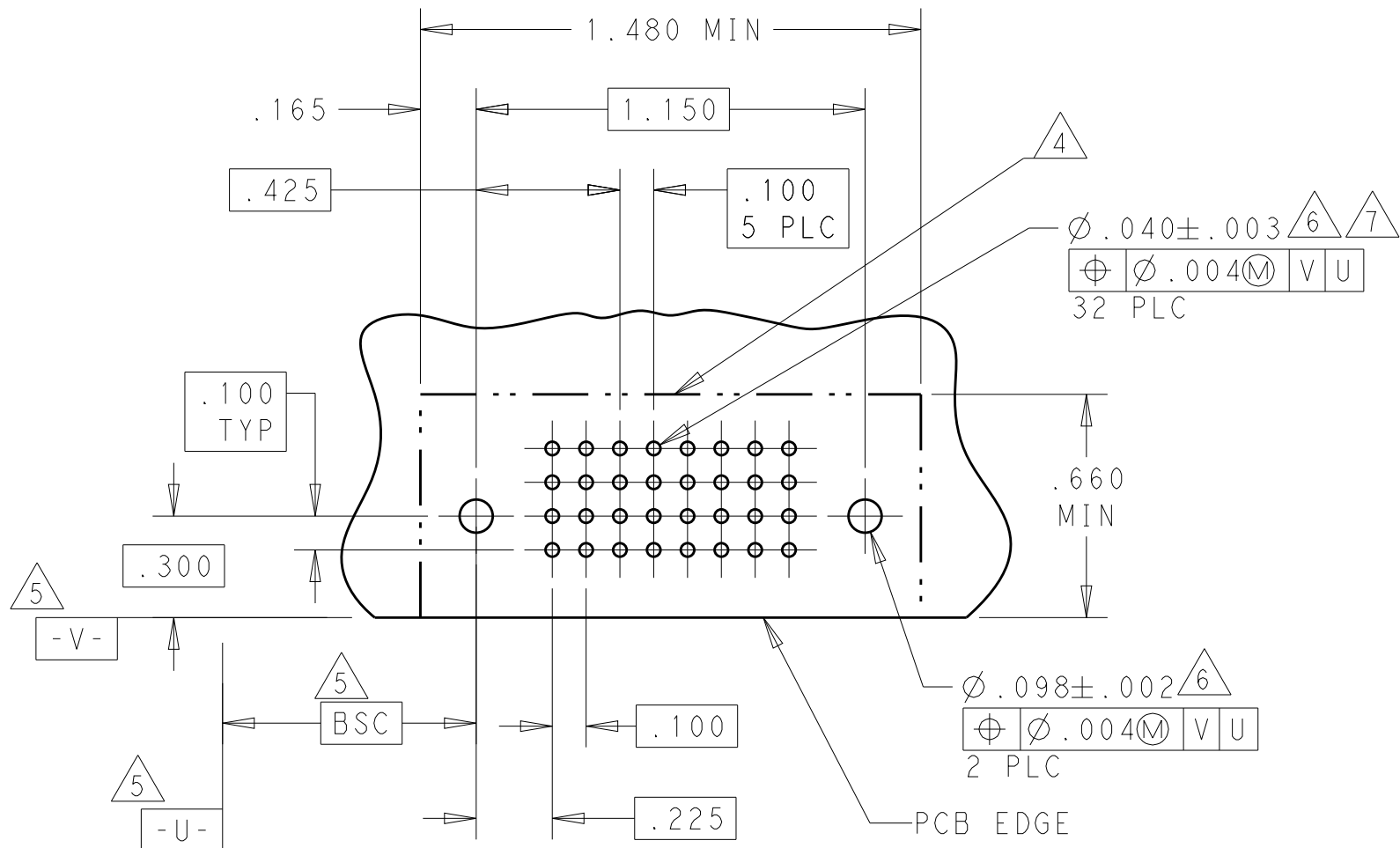
THIS DRAWING IS A CONTROLLED DOCUMENT.		DWA R. GRZYBOWSKI		10FEB05		 TE Connectivity	
		CHP M. PERCHERKE		10FEB05			
DIMENSIONS: INCHES		TOLERANCES, UNLESS OTHERWISE SPECIFIED:		NAME		RIGHT ANGLE HEADER ASSEMBLY W/GUIDES	
		0 PLC ±.01		AFWD M. PERCHERKE		MULTI-BEAM XL	
		2 PLC ±.01		PRODUCT SPEC			
		3 PLC ±.005		108-1973			
		4 PLC ±.0020		APPLICATION SPEC			
ANGLES		FINISH		SIZE		CASE CODE	
-		-		114-13038		DRAWING NO	
-		-		WEIGHT		A1 00779	
-		-		CUSTOMER DRAWING		C-6450132	
-		-				SCALE 1:1	
-		-				SHEET 3 of 11	
-		-				REV E	

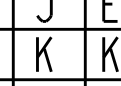
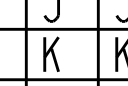
LOC	DIST	REVISIONS					
		P	LTR	DESCRIPTION	DATE	DWN	APVD
GP	00	-	-	SEE SHEET 1	-	-	-

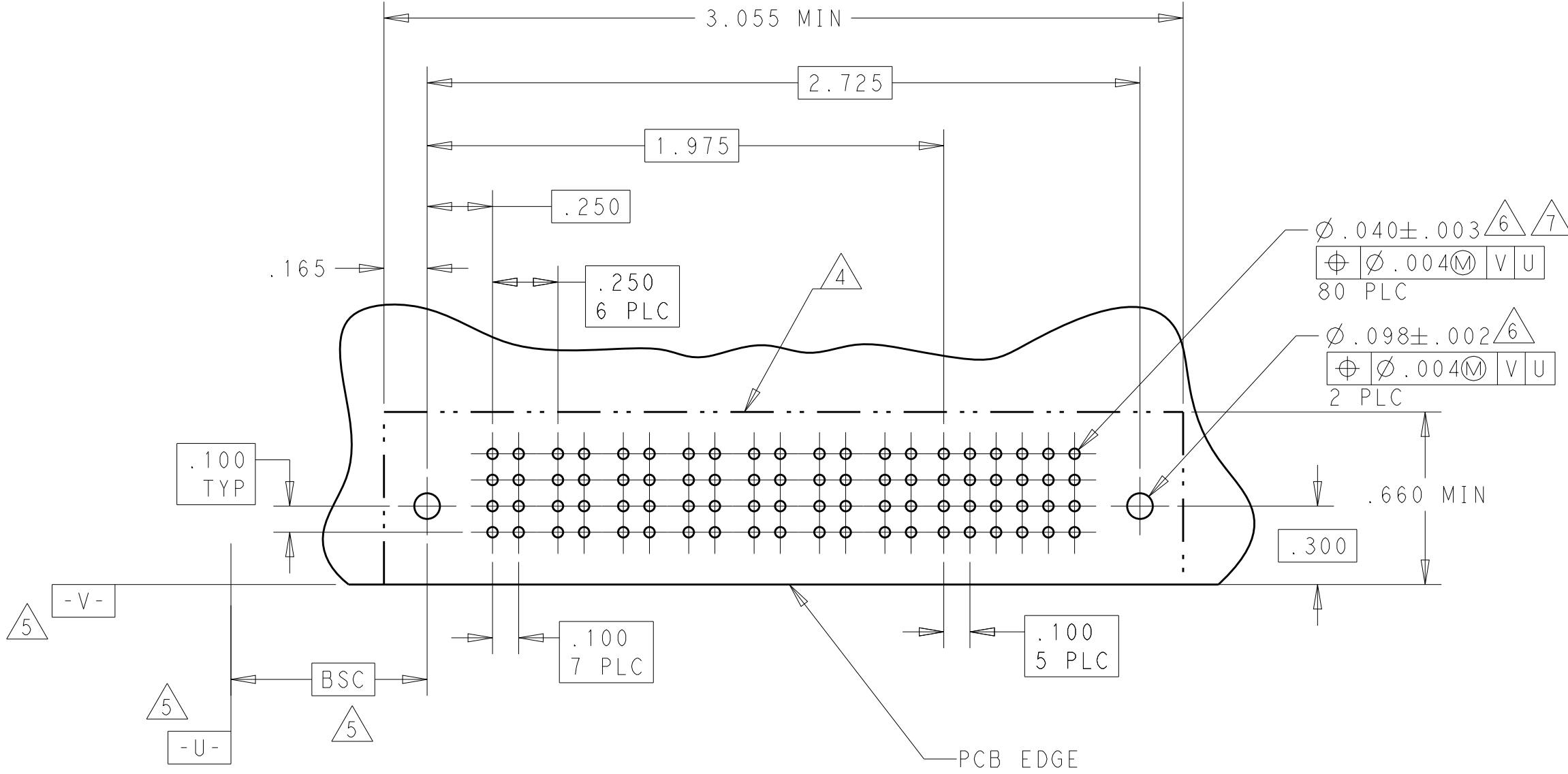
PART NUMBER	ROWS		POWER								SIGNAL						
			P1	P2	P3	P4	P5	P6	P7	P8	1	2	3	4	5	6	
6450132-5	D C B A	HD	PM	PM	PM	PM	PM	PM	PM	PM	J	J	J	J	E	E	
											K	K	K	K	F	F	
											N	N	N	N	G	G	
											S	S	S	S	H	H	
8P + 24S																	



PART NUMBER	ROWS		POWER	SIGNAL						
			P1	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	
IP + 24S										

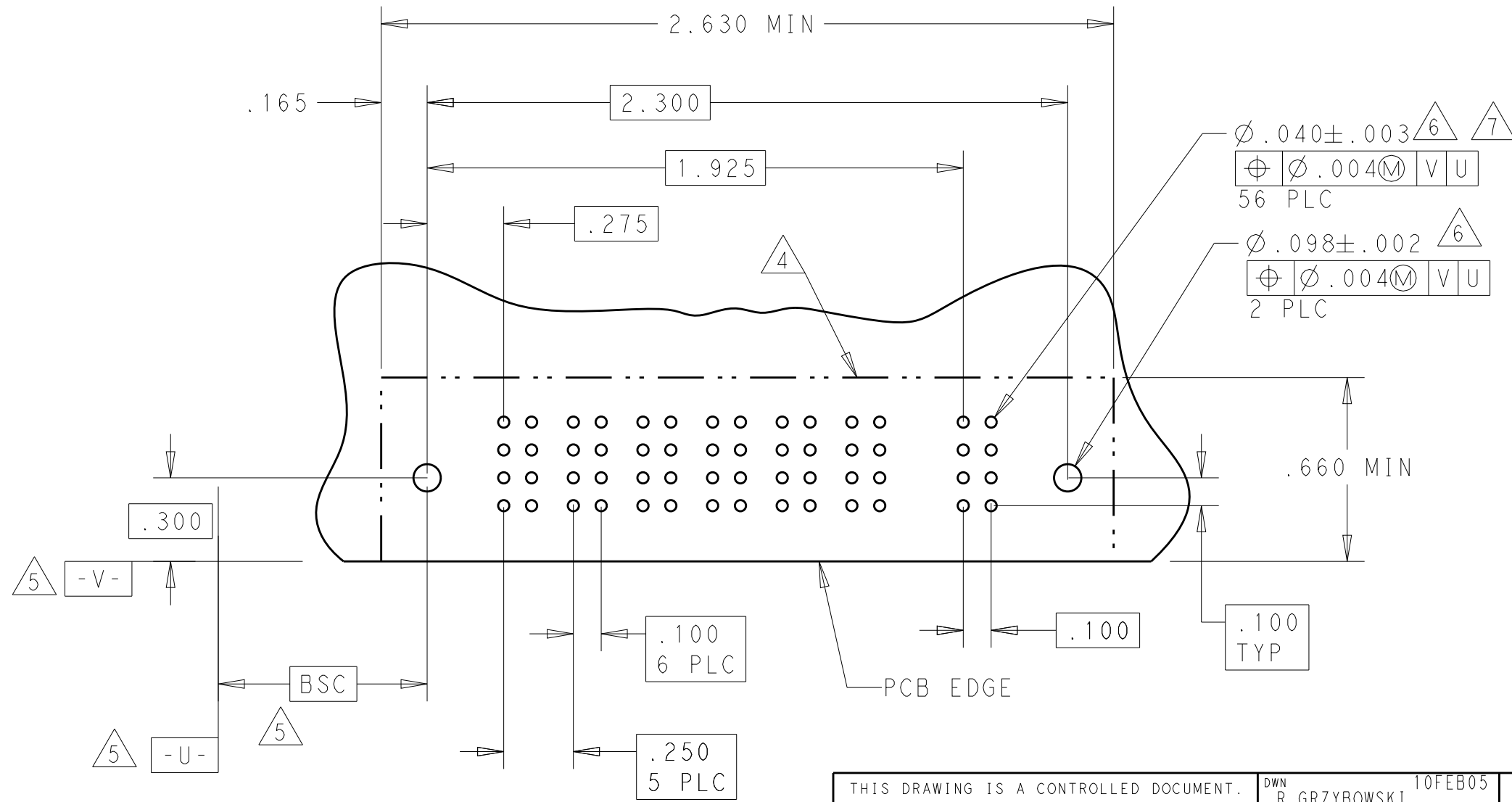


PART NUMBER	ROWS		POWER							SIGNAL						
			P1	P2	P3	P4	P5	P6	P7	1	2	3	4	5	6	
6450132-7	D C B A							J	J	E	J	J	J			
								K	K	K	K	K	K			
								N	N	N	N	N	N			
								S	S	S	S	S	S			
7P + 24S																



PART NUMBER	ROWS		POWER						SIGNAL			
			P1	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									NO CONTACT			

NO CONTACTS LOADED
IN THIS COLUMN



THIS DRAWING IS A CONTROLLED DOCUMENT.

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

DIMENSIONS:
INCHES

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC $\pm$.01
1 PLC $\pm$.01
2 PLC $\pm$.01
3 PLC $\pm$.005
4 PLC $\pm$.002
ANGLES $\pm$.020

MATERIAL: -
FINISH: -

10FEB05
10FEB05

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

WEIGHT: -

CUSTOMER DRAWING

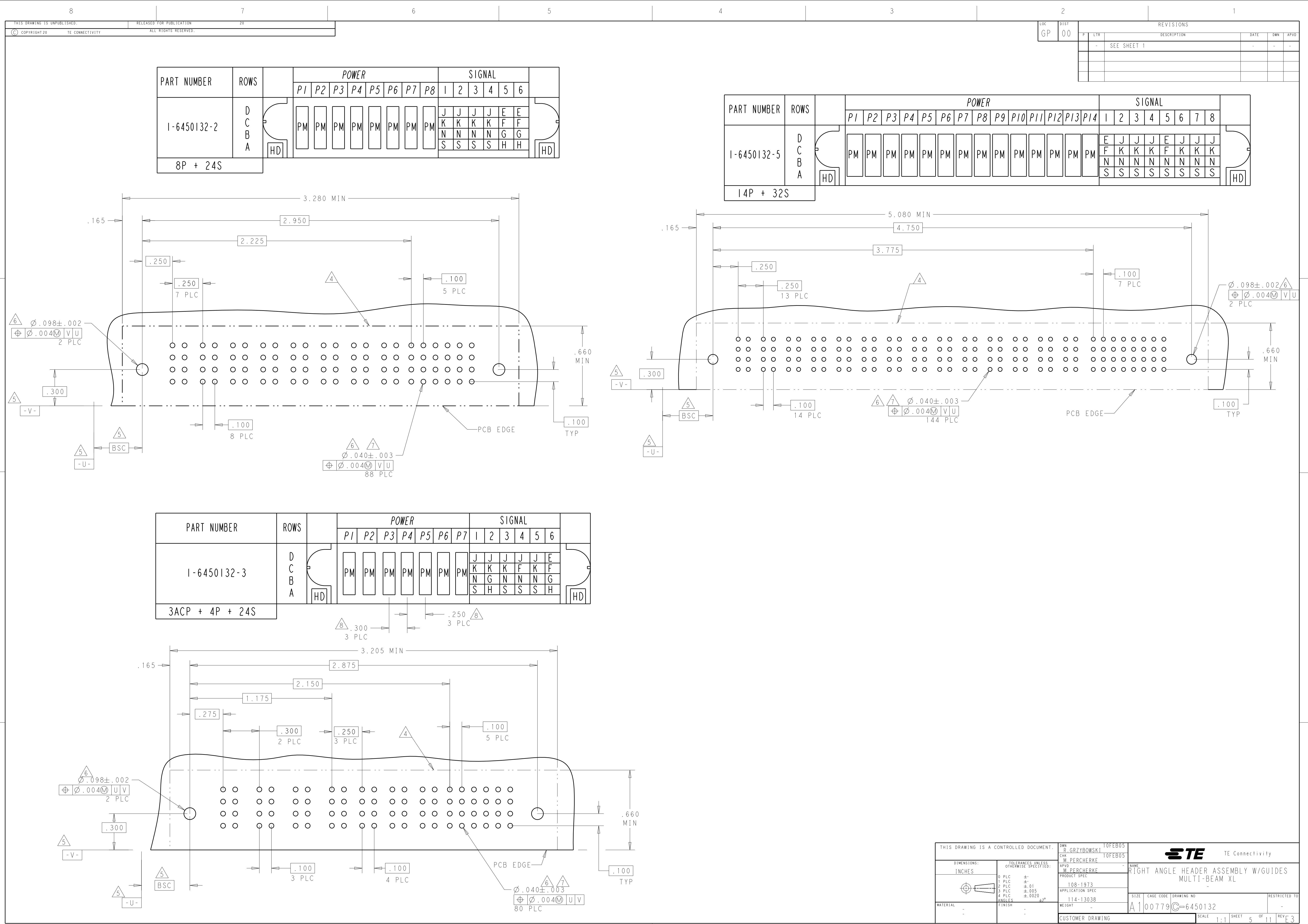
TE Connectivity

RIGHT ANGLE HEADER ASSEMBLY W/GUIDES
MULTI-BEAM XL

SIZE: A1
CAGE CODE: 100779
DRAWING NO: 6450132

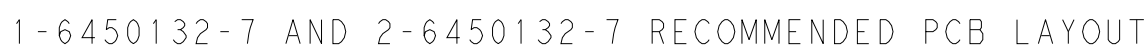
RESTRICTED TO: -

SCALE: 1:1
SHEET: 4 OF 11
REV: E3



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
2-6450132-6	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	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	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	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	S	S	S	S	S	S	S	S	S	S	S	S	S	S
148S																																								

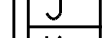
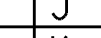
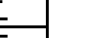
E2



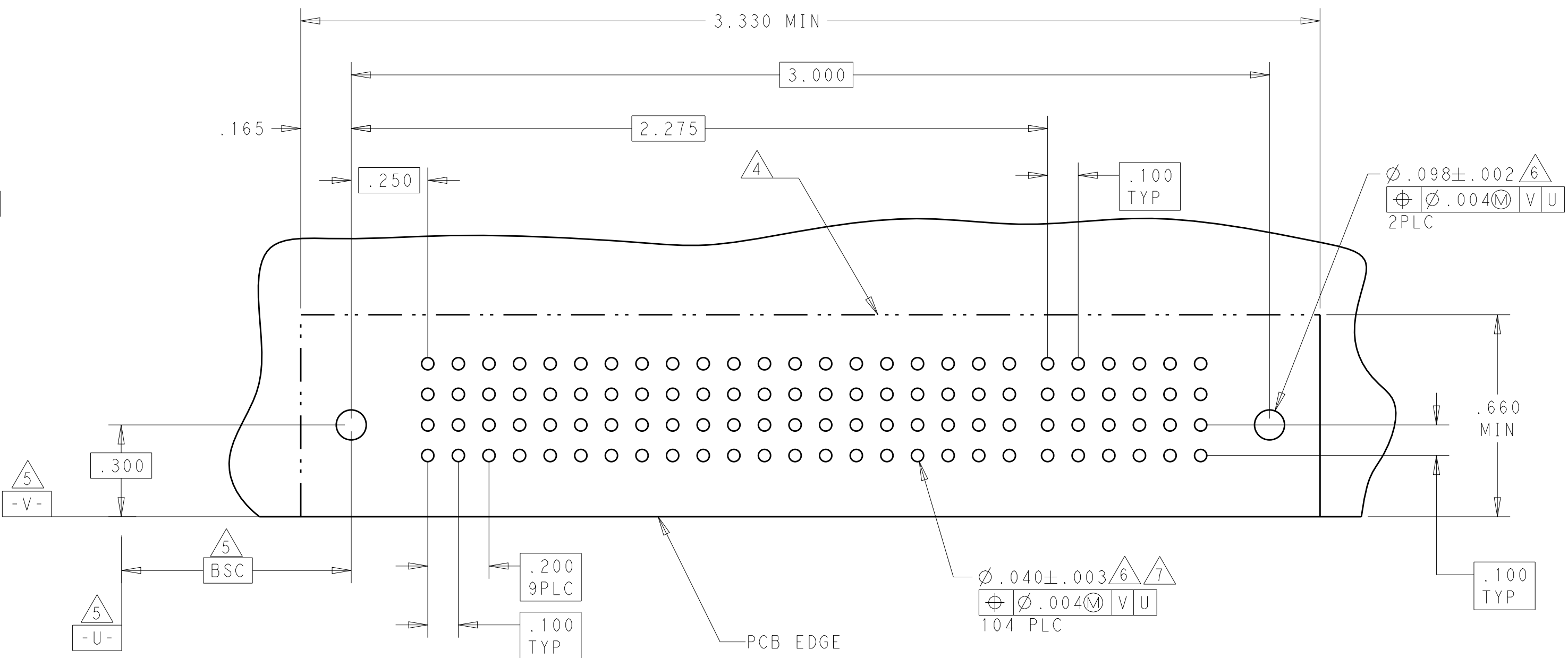
Technical drawing of a PCB layout for a 10FE805 component. The drawing shows a rectangular PCB with a central array of 40 circular pads (5 rows by 8 columns). Dimensions include a total length of 2.455 MIN, a central pad pitch of 2.125, and a pad diameter of 0.040 ± 0.003. The drawing also shows mounting holes with a diameter of 0.098 ± 0.002. The PCB is labeled "PCB EDGE" and "10FE805". The drawing is a controlled document, dated 2024, and is the property of GRZYBOWSKI.

4805 (3/11)

4805 (3/11)

PART NUMBER	ROWS		POWER										SIGNAL						
			P1	P2	P3	P4	P5	P6	P7	P8	P9	P10	1	2	3	4	5	6	
2-6450132-1	D C B A																		
10P + 24S																			

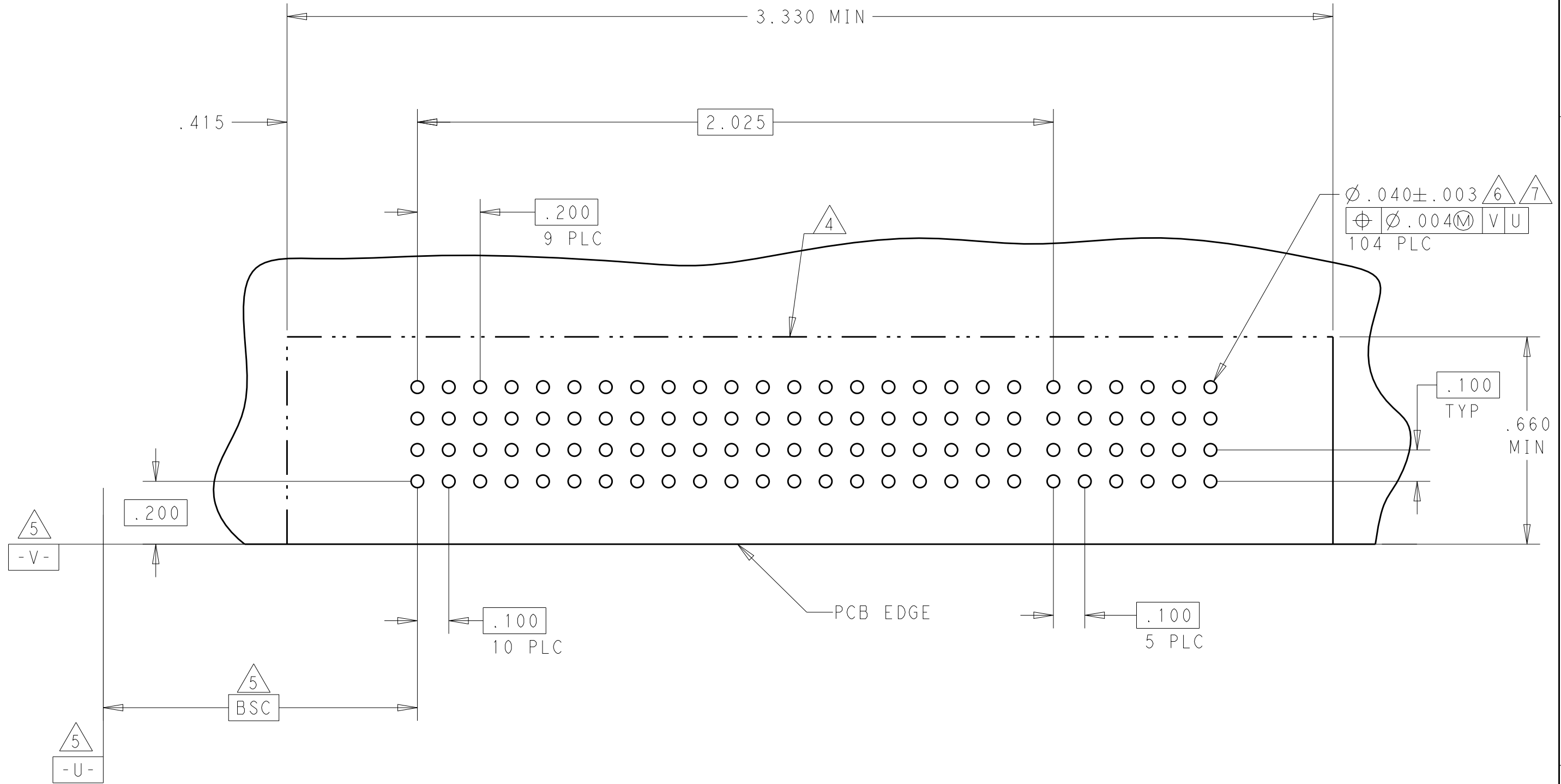
PART NUMBER	ROWS		POWER										SIGNAL						
			P1	P2	P3	P4	P5	P6	P7	P8	P9	P10	1	2	3	4	5	6	
2-6450132-3	D C B A											J	E	J	J	J	J		
												K	F	K	K	K	K		
												N	N	N	N	N	N		
												S	S	S	S	S	S		
10P + 24S																			



2-6450132-1 AND 2-6450132-3 PCB LAYOUT

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN M. GRZYBOWSKI	10FEB05	 TE Connectivity	
		CHK M. PERCHERKE	10FEB05		
DIMENSIONS: INCHES		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME RIGHT ANGLE HEADER ASSEMBLY W/GUIDES MULTI-BEAM XL	
		EXCD M. PERCHERKE		PRODUCT SPEC	
		108-1973		APPLICATION SPEC	
		114-13038		SIZE CAGE CODE DRAWING NO	
		WEIGHT		RESTRICTED TO	
MATERIAL		FINISH		A100779C6450132	
				SCALE 1:1 SHEET 8 OF 11 REV E	
		CUSTOMER DRAWING			

PART NUMBER	ROWS		POWER										SIGNAL																																																																																																																																																														
			P1	P2	P3	P4	P5	P6	P7	P8	P9	P10	1	2	3	4	5	6																																																																																																																																																									
2-6450132-4	D C B A																																																																																																																																																																										

4805 (3/11)

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

