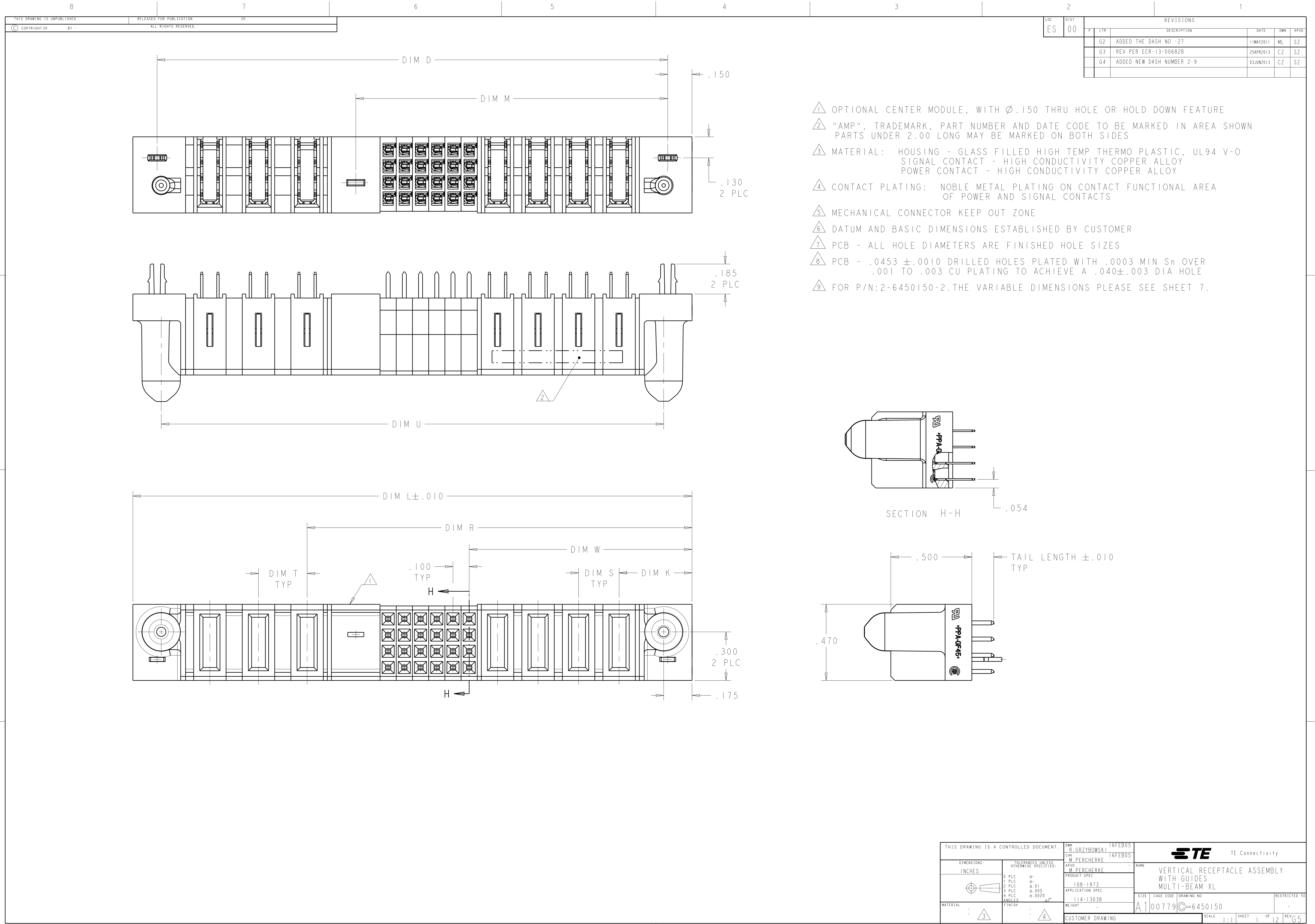
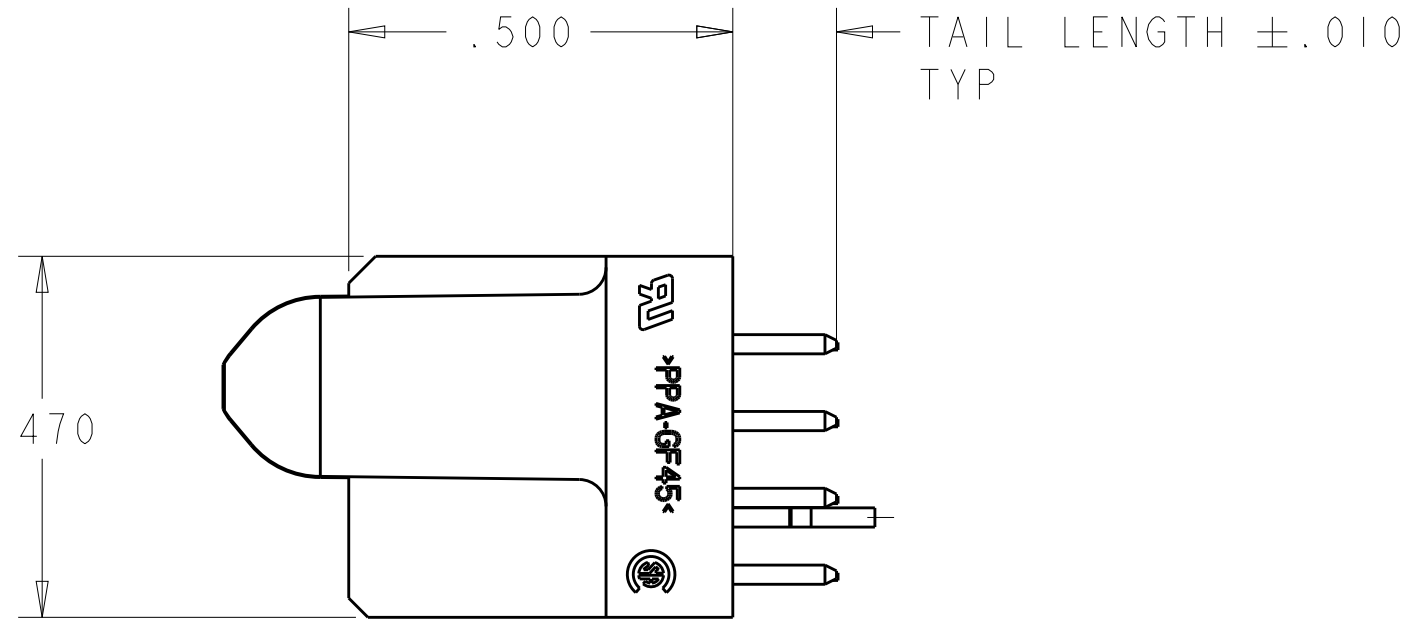
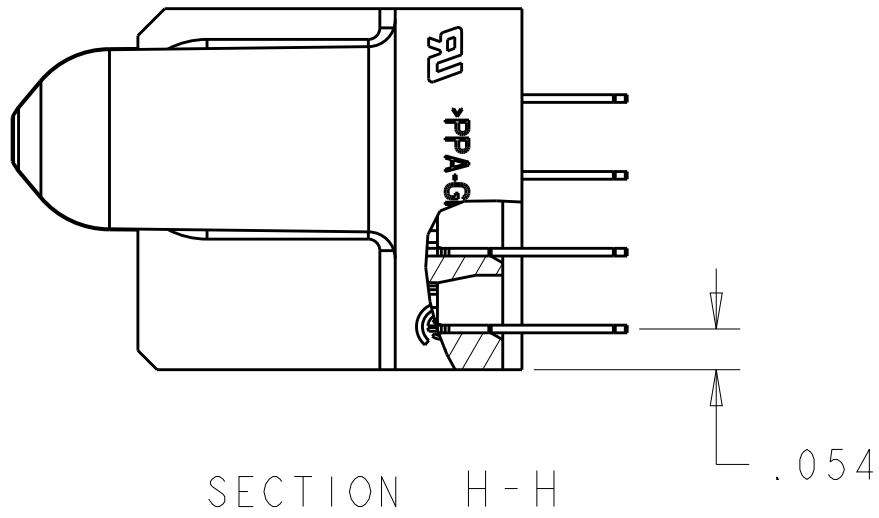




LOC	DIST	REVISIONS						
		P	LTR	DESCRIPTION	DATE	DWN	APVD	
ES	00		G2	ADDED THE DASH NO -27	11MAY2011	ML	SZ	
			G3	REV PER ECR-13-006828	25APR2013	CZ	SZ	
			G4	ADDED NEW DASH NUMBER 2-9	03JUN2013	CZ	SZ	

- △1 OPTIONAL CENTER MODULE, WITH Ø.150 THRU HOLE OR HOLD DOWN FEATURE
- △2 "AMP", TRADEMARK, PART NUMBER AND DATE CODE 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 - HIGH CONDUCTIVITY 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 - ALL HOLE DIAMETERS ARE FINISHED HOLE SIZES
- △8 PCB - .0453 ±.0010 DRILLED HOLES PLATED WITH .0003 MIN Sn OVER .001 TO .003 CU PLATING TO ACHIEVE A .040±.003 DIA HOLE
- △9 FOR P/N:2-6450150-2.THE VARIABLE DIMENSIONS PLEASE SEE SHEET 7.



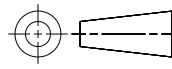
THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN R.GRZYBOWSKI CHK M.PERCHERKE APVD M.PERCHERKE	16FEB05 16FEB05 -	TE Connectivity	
DIMENSIONS: INCHES		TOLERANCES UNLESS OTHERWISE SPECIFIED:	PRODUCT SPEC 108-1973 APPLICATION SPEC 114-13038		
MATERIAL - △3		0 PLC ±.01 1 PLC ±.01 2 PLC ±.01 3 PLC ±.005 4 PLC ±.0020 ANGLES ±2° FINISH - △4	WEIGHT -	SIZE A1	CAGE CODE 00779
CUSTOMER DRAWING		SCALE 1:1	SHEET 1	OF 12	REV G5

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

64	WITH	2.650	.200	.250	1.550	.875	2.700	-	3.000	.450	2P + 24S + 6P	2-6450150-9
	WITH	2.300	.250	.300	1.950	1.275	2.350	-	2.650	.475	3ACP + 24S + 2P	2-6450150-8
	WITH	5.150	.300	.300	3.550	2.700	5.200	-	5.500	.450	8ACP + 32S + 6ACP	2-6450150-7
	WITH	2.800	.300	.250	2.075	1.375	2.850	-	3.150	.450	4P + 24S + 3ACP	2-6450150-6
	WITH	3.800	.300	.250	1.875	1.375	3.850	-	4.150	.450	4P + 16S + 7ACP	2-6450150-5
	WITH	2.400	.200	.200	2.100	.825	2.450	-	2.750	.450	2P + 48S + 2P	2-6450150-4
	WITH	1.700	.250	.250	1.350	.875	1.750	-	2.050	.450	2P + 16S + 2P	2-6450150-3
	WITHOUT	5.500	.300	.300	3.175	2.525	5.550	-	5.850	.475	7ACP+20S+4ACP+5P	2-6450150-2
	WITH	2.900	.250	.250	2.550	.875	2.950	-	3.250	.450	2P + 64S + 2P	2-6450150-1
	WITH	3.550	-	.300	2.550	1.275	3.600	-	3.900	.475	3ACP + 48S + 5P	2-6450150-0
	WITH	4.000	-	-	-	.375	4.050	-	4.350	-	148S	1-6450150-9
	WITH	2.800	.250	.250	1.700	1.125	2.850	-	3.150	.450	3P + 20S + 5P	1-6450150-8
	WITH	2.200	.250	.250	1.350	.875	2.250	-	2.550	.450	2P + 16S + 4P	1-6450150-7
	WITH	3.500	.300	.250	2.775	2.375	3.550	-	3.850	.450	8P + 12S + 3ACP	1-6450150-3
	WITH	2.300	.250	.300	1.950	1.275	2.350	-	2.650	.475	3ACP + 24S + 2P	6450150-9
	WITH	1.575	-	-	1.425	.700	1.625	-	1.925	.475	1P + 24S + 1P	6450150-8
	WITH	3.000	.250	.250	2.150	1.425	3.050	-	3.350	.450	4P + 24S + 4P	6450150-6
	WITH	2.500	.300	.250	1.800	1.125	2.550	-	2.850	.450	3P + 24S + 3ACP	6450150-5
	WITH	2.675	.200	.200	2.375	1.650	2.725	-	3.025	.475	5P + 24S + 2P	6450150-4
	WITH	2.800	.300	.250	2.075	1.375	2.850	-	3.150	.450	4P + 24S + 3ACP	6450150-3
	WITH	3.550	-	.300	2.550	1.275	3.600	-	3.900	.475	3ACP + 48S + 5P	6450150-2
	WITH	4.350	.250	.250	3.500	2.625	4.400	-	4.700	.450	9P + 32S + 4P	6450150-1
	HOLD DOWN	U	T	S	R	W	D	M	L	K	DESCRIPTION	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:
INCHES



MATERIAL
-

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC
1 PLC
2 PLC
3 PLC
4 PLC
ANGLES
FINISH

±"
±.01
±.005
±.0020
±2°
-

DWN
CHK
APVD

R. GRZYBOWSKI
M. PERCHERKE
M. PERCHERKE

16FEB05
16FEB05
-

PRODUCT SPEC
APPLICATION SPEC
WEIGHT

108-1973
114-13038
-

16FEB05
16FEB05
-

NAME
SIZE
CAGE CODE
DRAWING NO
RESTRICTED TO

VERTICAL RECEPTACLE ASSEMBLY
WITH GUIDES
MULTI-BEAM XL
A100779
C=6450150
-

16FEB05
16FEB05
-

CUSTOMER DRAWING

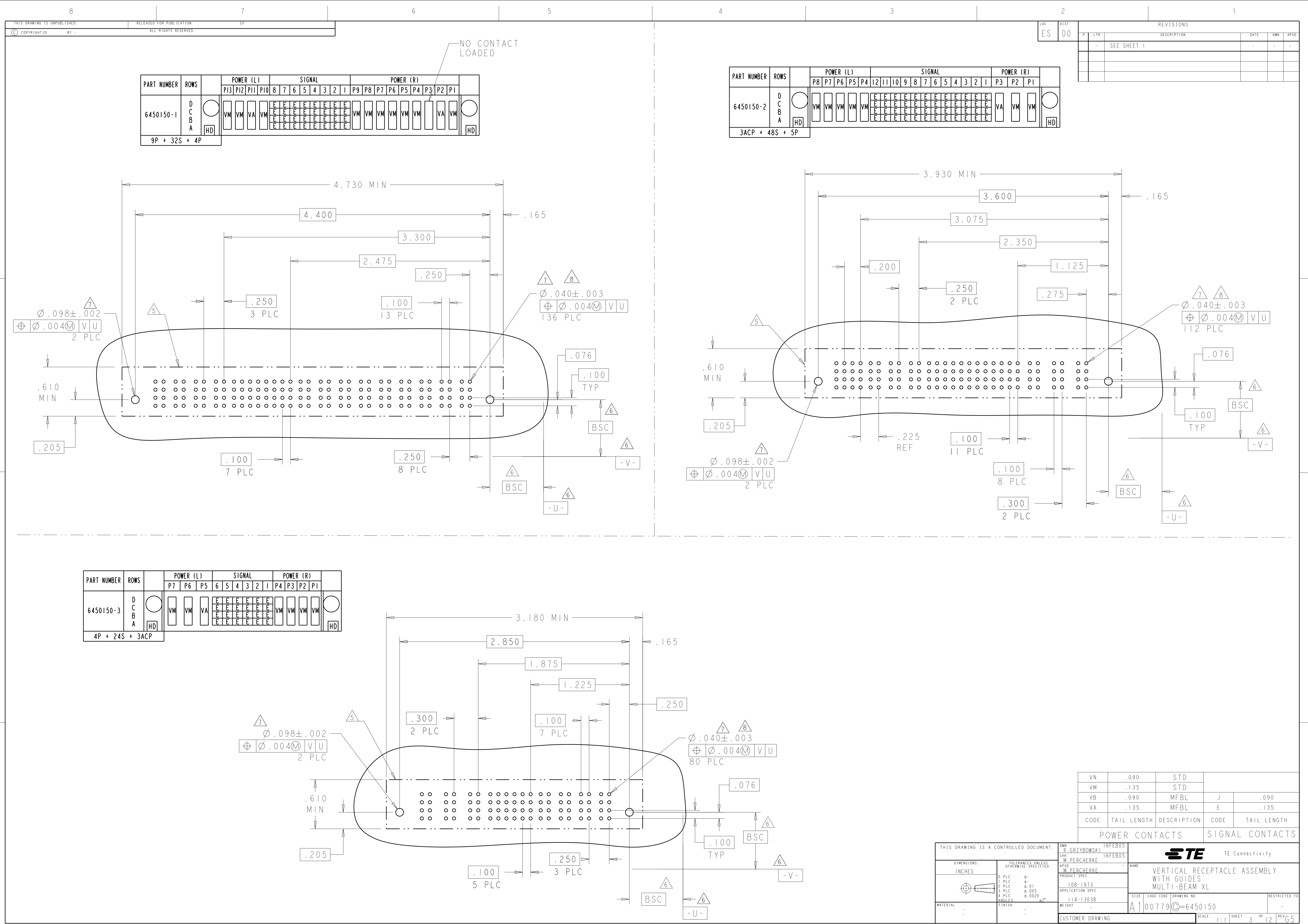
SCALE
1:1

SHEET
2

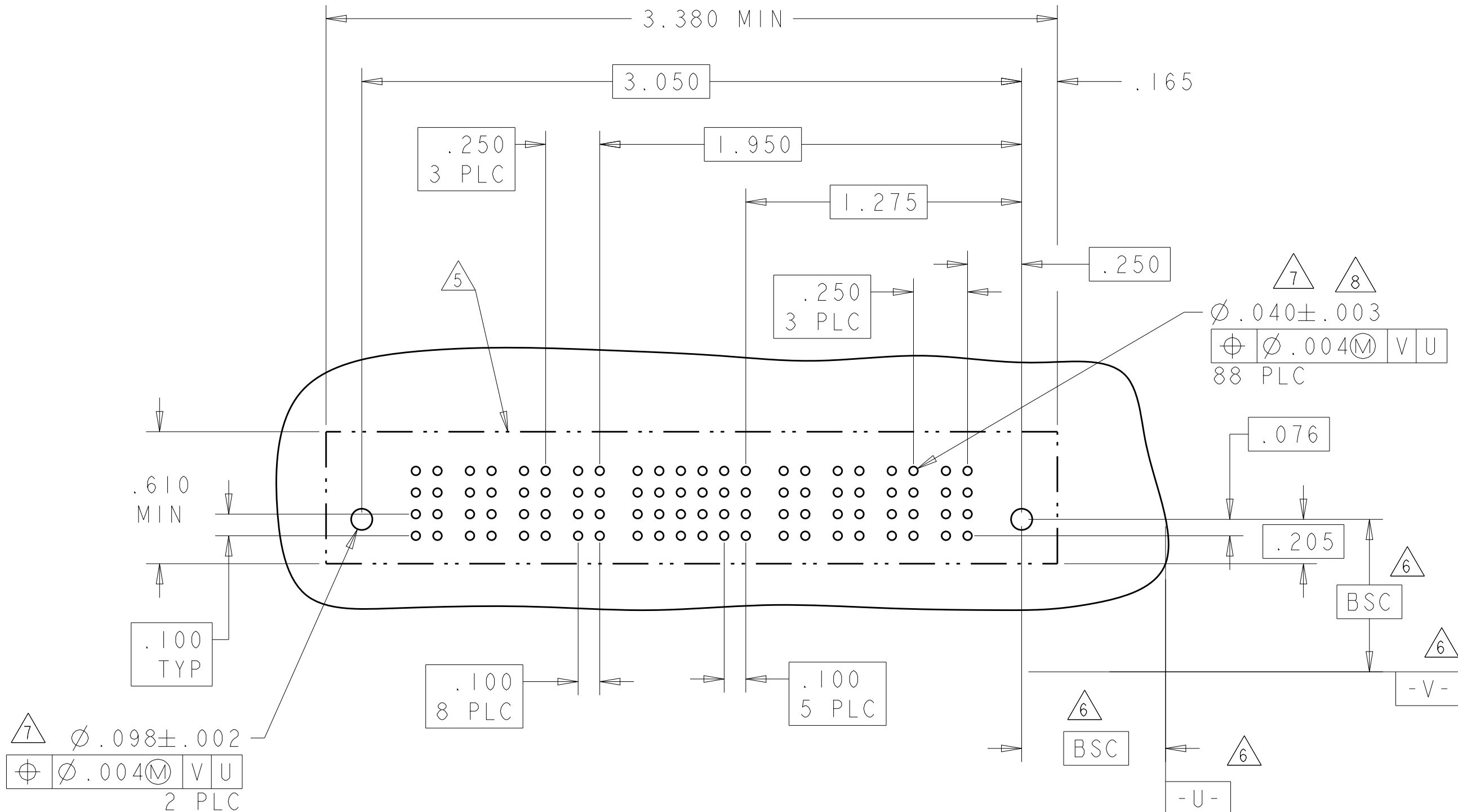
OF
12

REV
G5

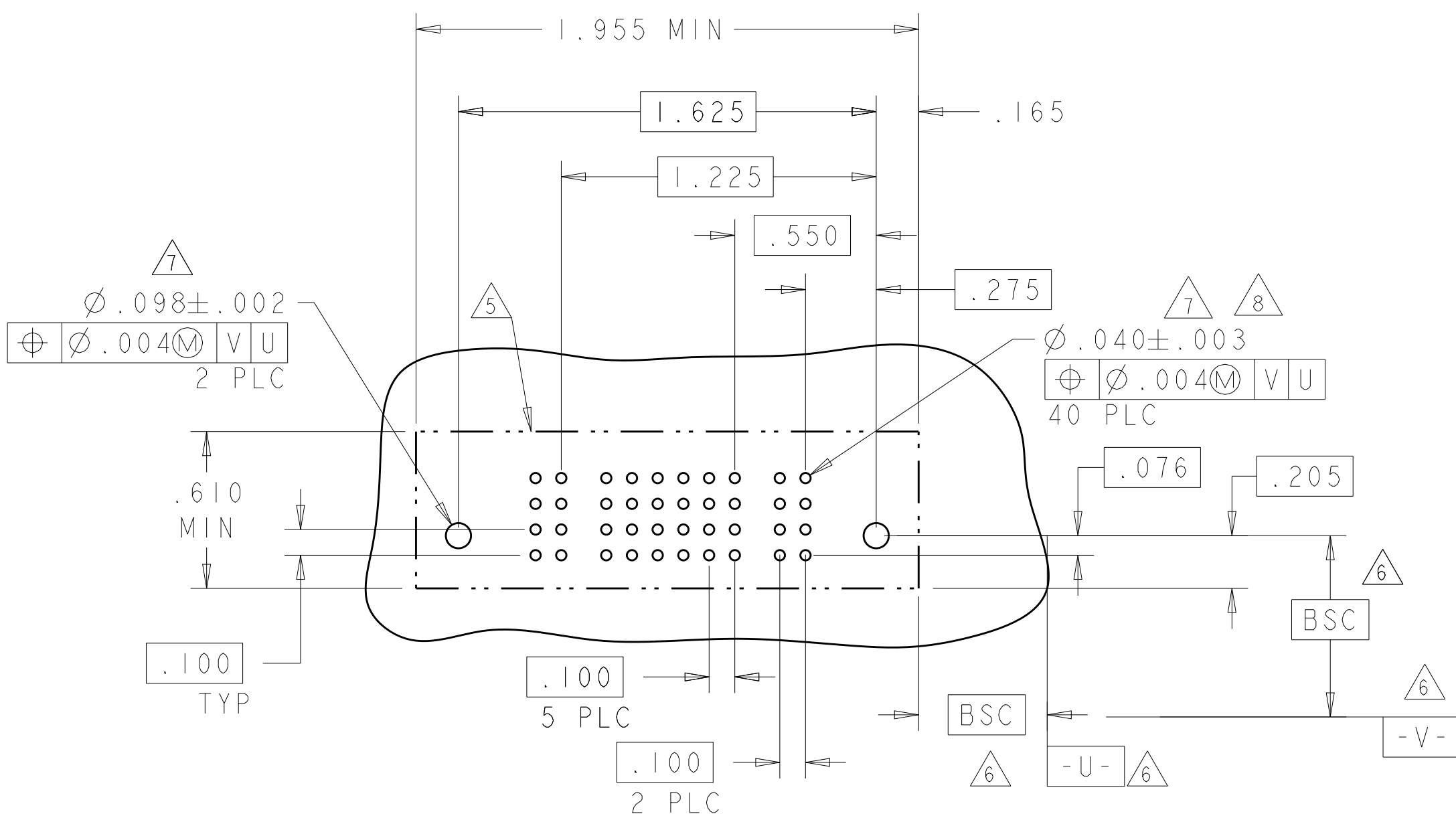
4805 (3/11)

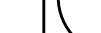
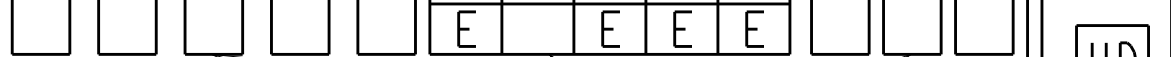


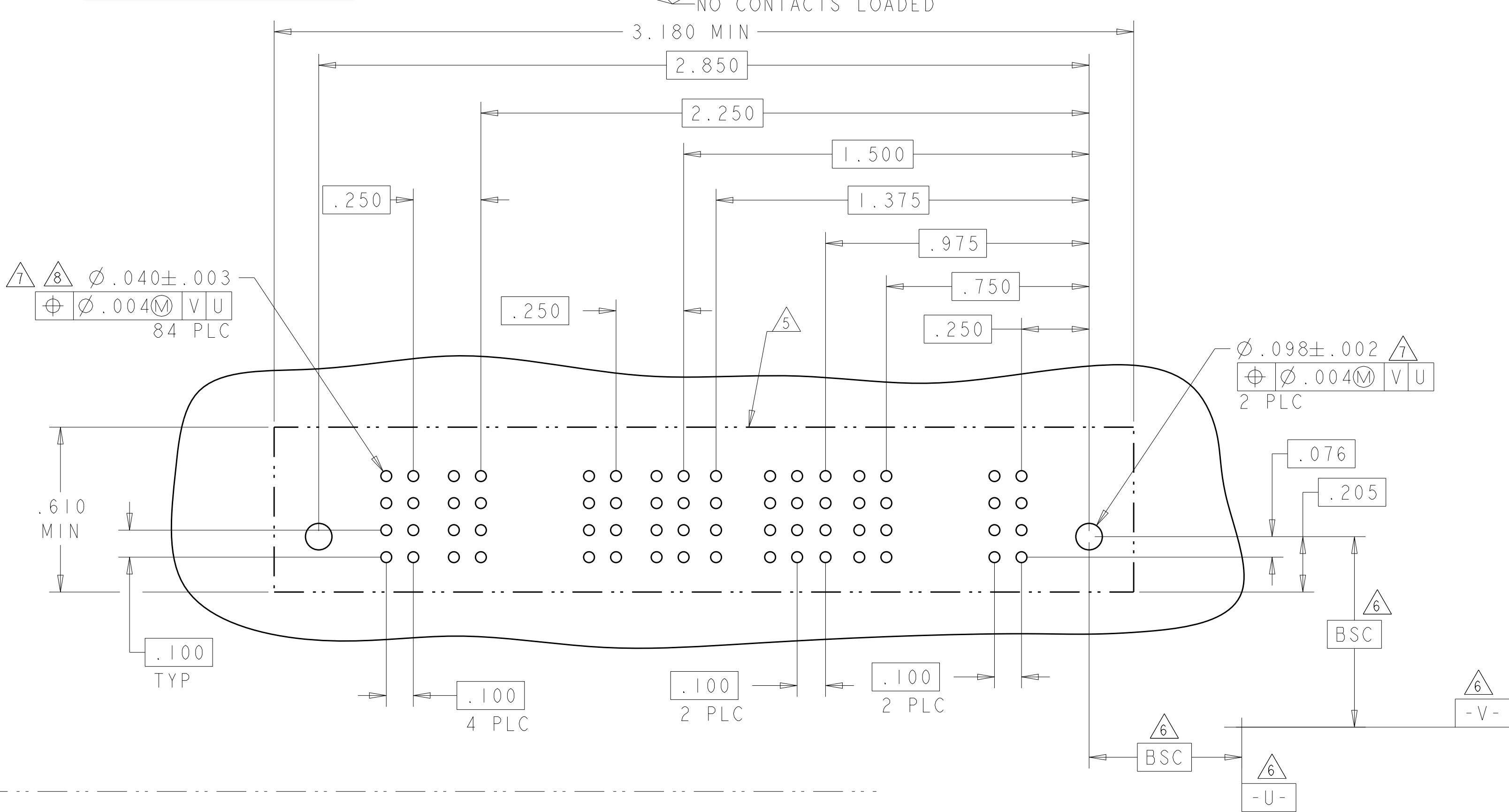
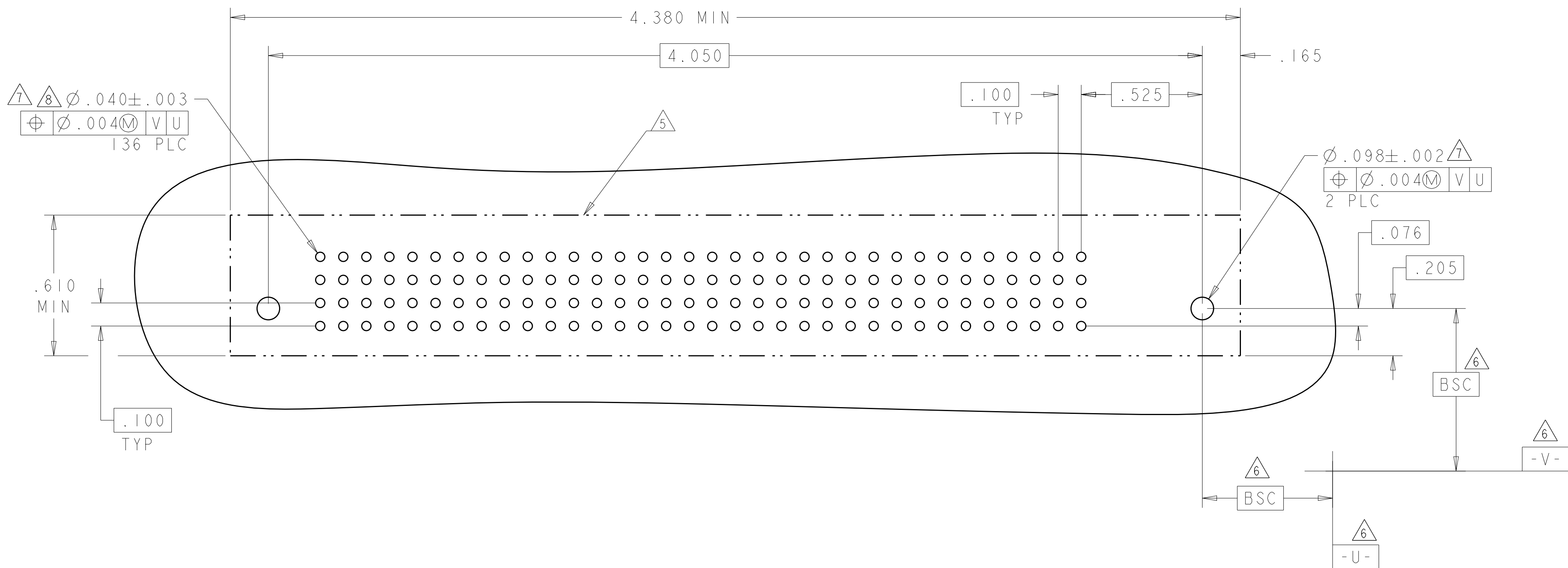
PART NUMBER	ROWS		POWER (L)				SIGNAL								POWER (R)				
			P8	P7	P6	P5	6	5	4	3	2	1	P4	P3	P2	P1			
6450150-6	D C B A		VB	VN	VB	VN	J	J	J	J	J	J	J	J	VN	VB	VN	VB	
			J	J	J	J	J	J	J	J	J	J	J	J	J	J			
			J	J	J	J	J	J	J	J	J	J	J	J	J	J			
			J	J	J	J	J	J	J	J	J	J	J	J	J	J			
4P + 24S + 4P																			



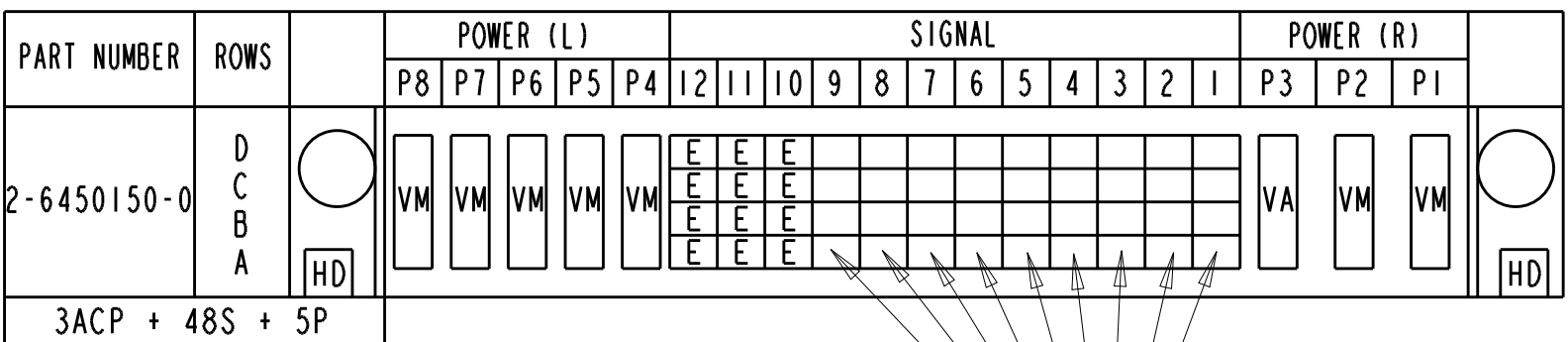
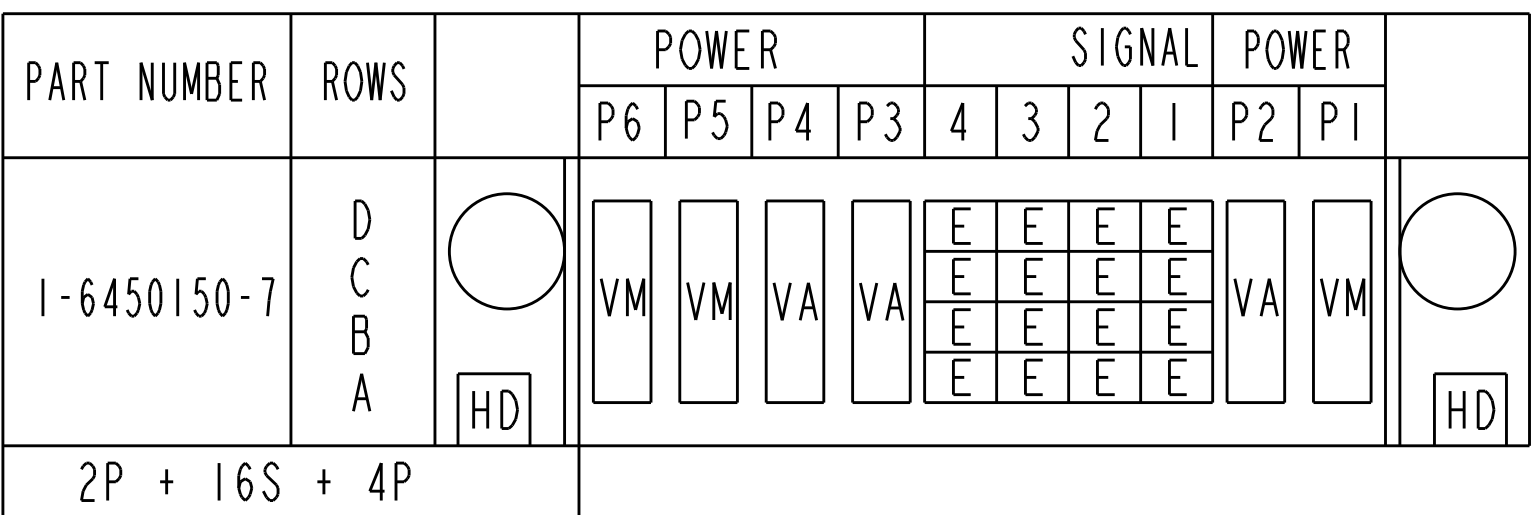
PART NUMBER	ROWS		POWER SIGNAL POWER									
			P2	6	5	4	3	2	1	P1		
6450150-8	D C B A		 VM	E	E	E	E	E	E	E	 VA	
				E	E	E	E	E	E	E		
				E	E	E	E	E	E	E		
				E	E	E	E	E	E	E		
IP + 24S + IP												 HD

4805 (3/11)

PART NUMBER	ROWS		POWER (L)					SIGNAL					POWER (R)			
			P8	P7	P6	P5	P4	5	4	3	2	1	P3	P2	P1	
I-6450150-8	D C B A	 													 	
3P + 20S + 5P																

-NO CONTACTS LOADED

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWA R. GRZYBOWSKI	16FB005					TE Connectivity				
DIMENSIONS: INCHES		TOLERANCES UNLESS OTHERWISE SPECIFIED:	CMP M. PERCHERKE	16FB005								
		P LNC ± .01	APVD M. PERCHERKE		NAME		VERTICAL RECEPTACLE ASSEMBLY WITH GUIDES					
		P LNC ± .01		PRODUCT SPEC			MULTI-BEAM XL					
		P LNC ± .005		108-1973								
		P LNC ± .0020		APPLICATION SPEC			SIZE		CAGE CODE	DRAWING NO	RESTRICTED TO	
ANGLES		FINISH		114-13038			A1		100779	④-6450150	-	
MATERIAL				WEIGHT			SCALE		1:1	SHEET	5 OF 12	REV G5
				CUSTOMER DRAWING								



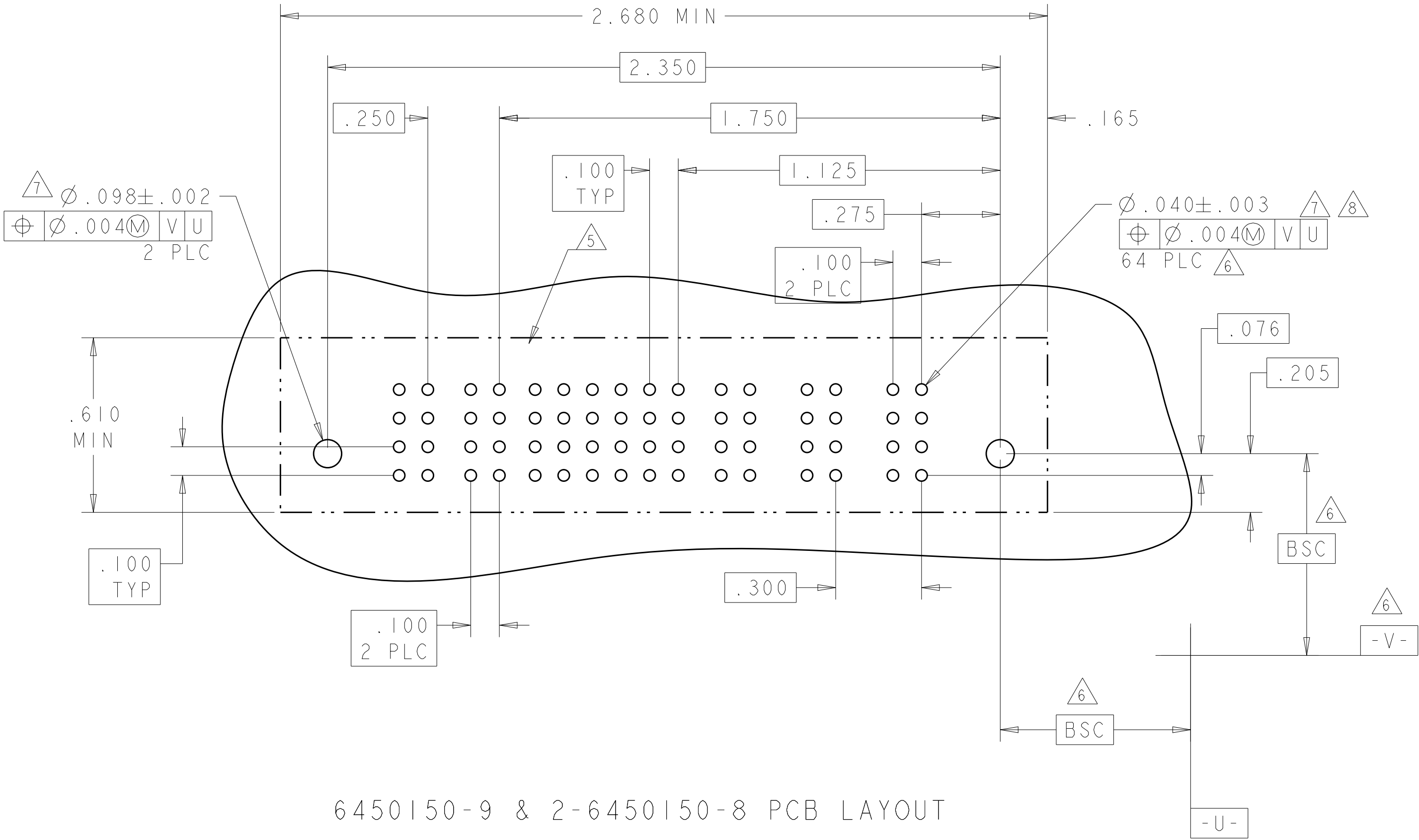
THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN. GRZYBOWSKI 16FEB05 CHK. M. PERCHERKE 16FEB05 APP. M. PERCHERKE		 TE Connectivity	
DIMENSIONS: INCHES		TOLERANCES UNLESS OTHERWISE SPECIFIED: DECIMALS: ± FRACTIONS: ±0.01 ANGLES: ±0°		NAME VERTICAL RECTEPCLE ASSEMBLY WITH BEAMS MULTI-DEAM XL	
		PRODUCT SPEC 108-1973 APPLICATION SPEC 114-13038		SIZE CAGE CODE DRAWING NO A100779C6450150	
MATERIAL -		FINISH -		RESTRICTED TO -	
		CUSTOMER DRAWING		SCALE 1:1 SHEET 6 OF 12 REV G5	

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

PART NUMBER	ROWS		POWER		SIGNAL						POWER			
			P5	P4	6	5	4	3	2	1	P3	P2	P1	
6450150-9	D C B A				E	E	E	E	E	E				
					E	E	E	E	E	E				
					E	E	E	E	E	E				
					E	E	E	E	E	E				
3ACP+24S+2P														

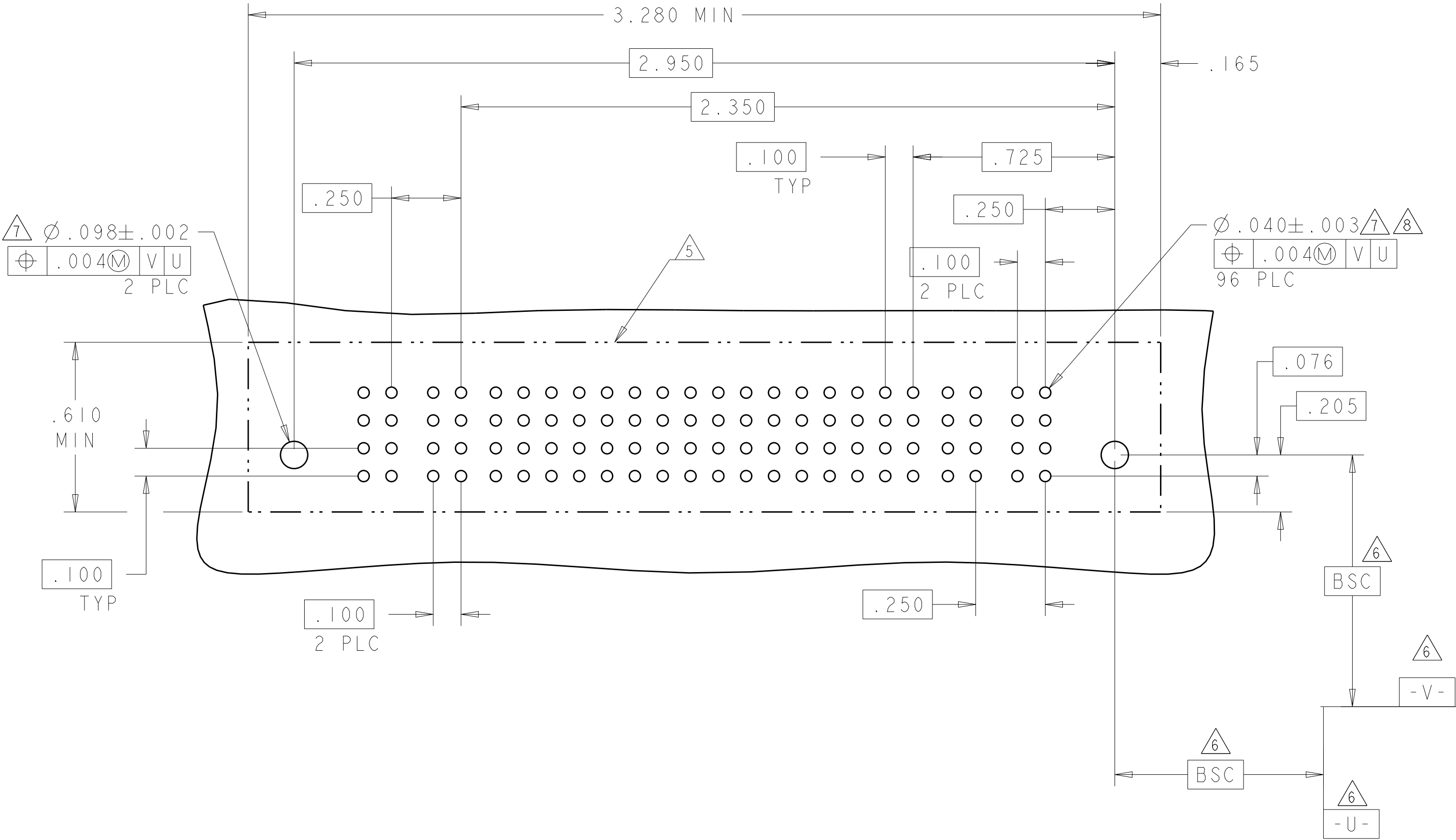
PART NUMBER	ROWS		POWER		SIGNAL						POWER			
			P5	P4	6	5	4	3	2	1	P3	P2	P1	
2-6450150-8	D C B A				E	E	E	E	E					
					E	E	E	E	E					
					E	E	E	E	E					
					E	E	E	E	E					
3ACP+24S+2P														

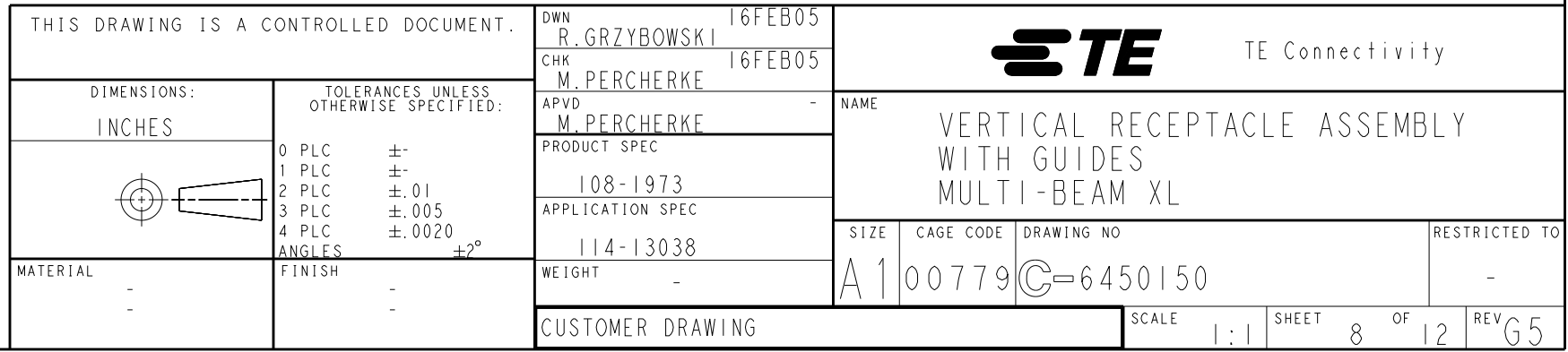
NO CONTACTS LOADED



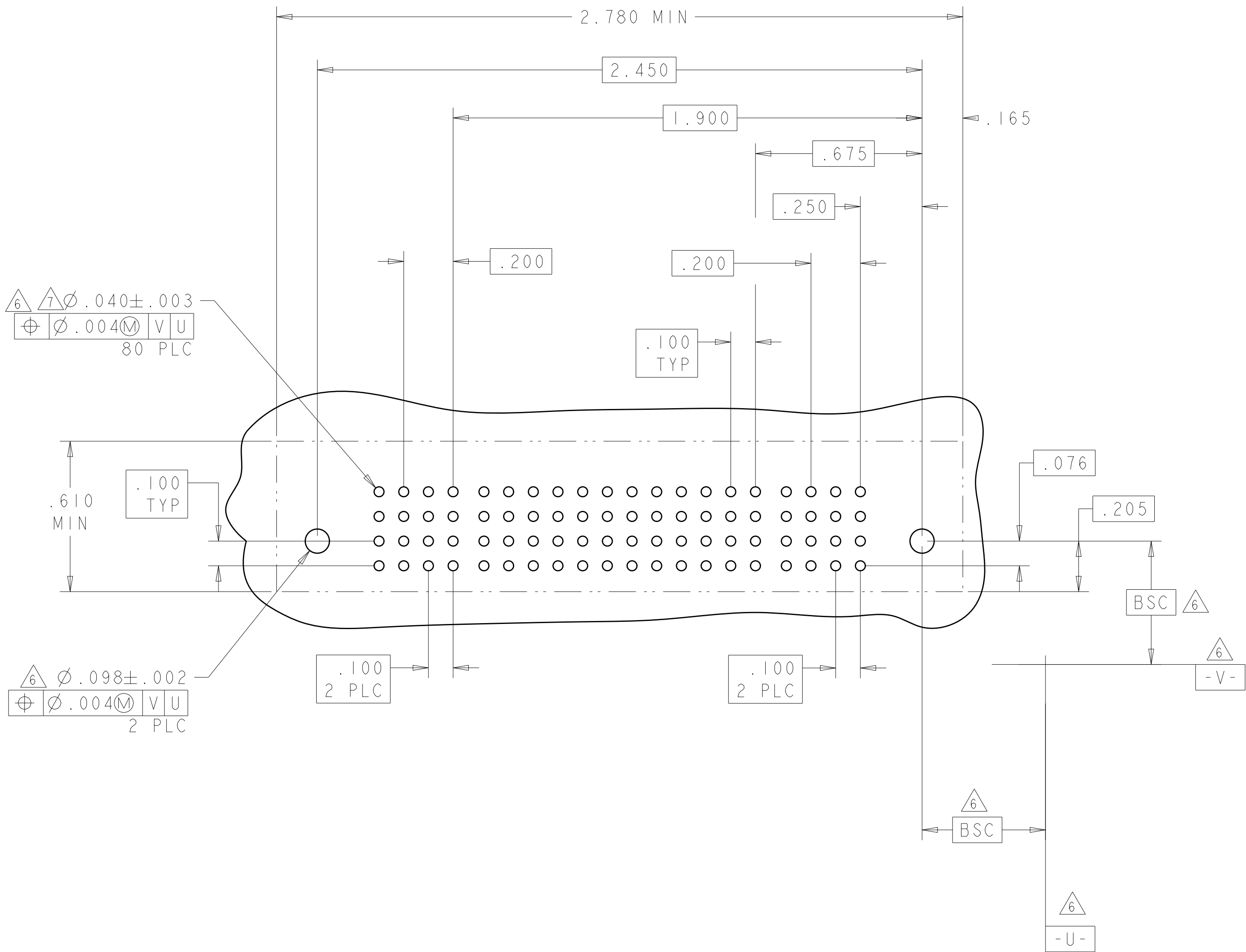
6450150-9 & 2-6450150-8 PCB LAYOUT

PART NUMBER	ROWS		POWER (L)		SIGNAL																POWER (R)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
			P4	P3	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	P2	P1																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
2-6450150-1	D C B A		VB	VN	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	VN	VB																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
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2P + 64S + 2P																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	



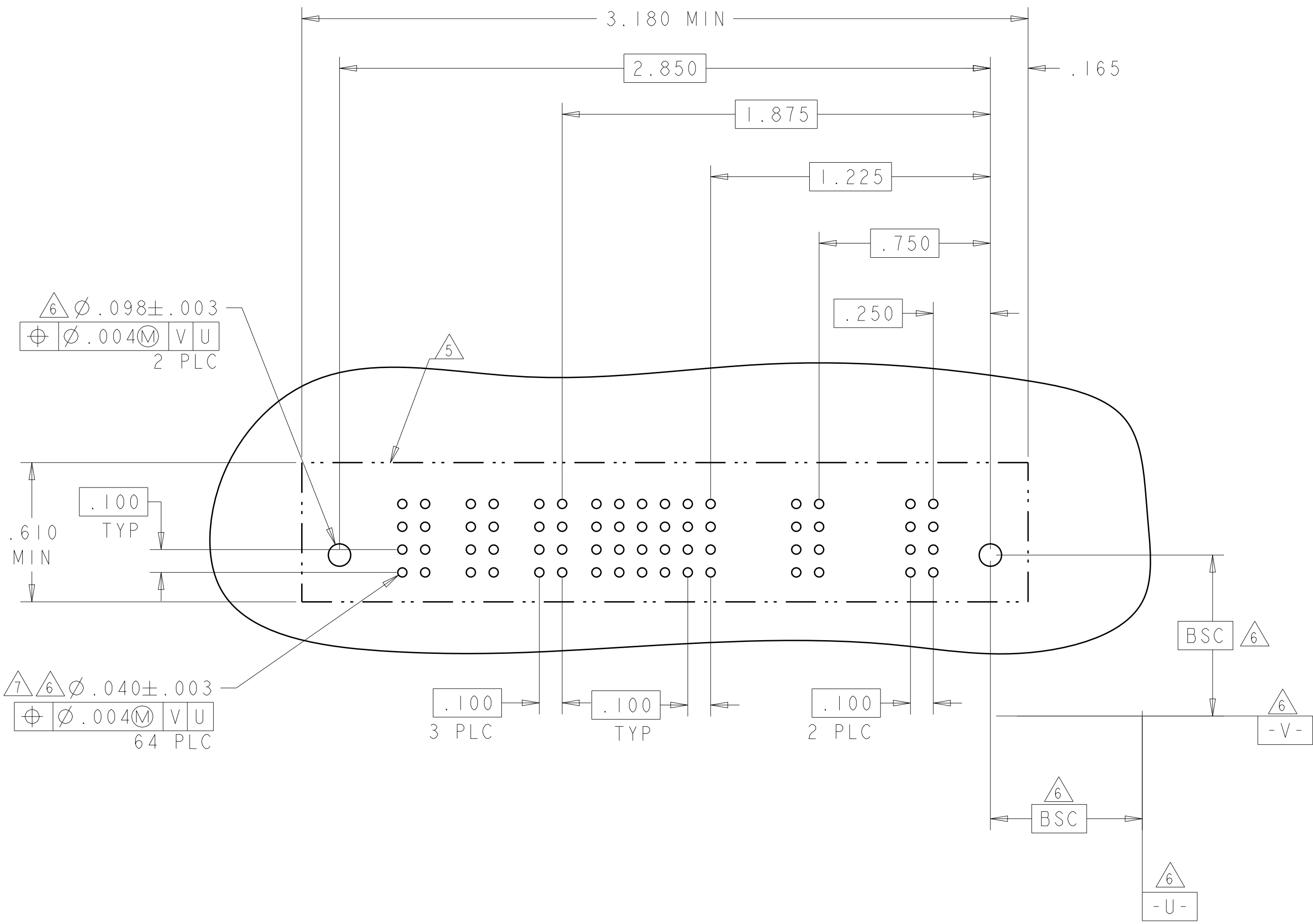


PART NUMBER	ROWS		POWER		SIGNAL													POWER		
			P4	P3	12	11	10	9	8	7	6	5	4	3	2	1	P2	P1		
2-6450150-4	D		VM	VA	E	E	E	E	E	E	E	E	E	E	E	E	E	VA	VM	
	C				E	E	E	E	E	E	E	E	E	E	E	E	E			
	A				E	E	E	E	E	E	E	E	E	E	E	E	E			
2P + 48S + 2P																				

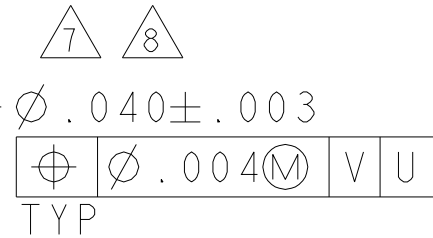
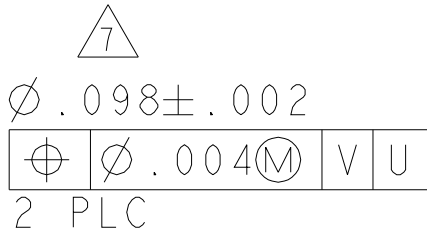
4805 (3/11)

PART NUMBER	ROWS		POWER (L)			SIGNAL						POWER (R)					
			P7	P6	P5	6	5	4	3	2	1	P4	P3	P2	P1		
2-6450150-6	D C B A	 	 VM	 VM	 VA	E	E	E	E	E	E		 VM		 VM		 
						E	E	E	E	E	E						
						E	E	E	E	E	E						
						E	E	E	E	E	E						
						E	E	E	E	E	E						
4P + 24S + 3ACP																	

FI

4805 (3/11)

GI



PCB EDGE

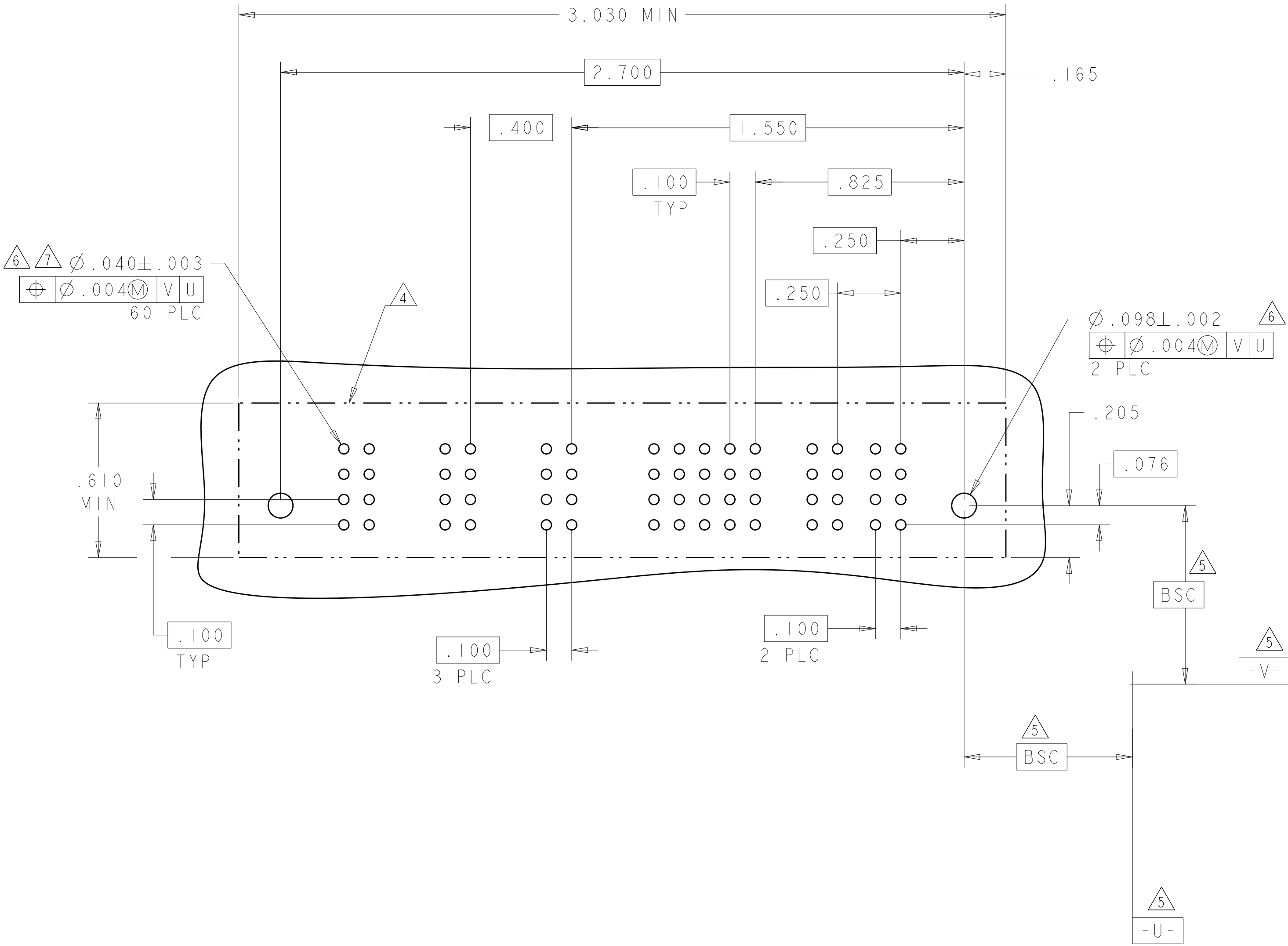
4805 (3/11)

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

PART NUMBER	ROWS		POWER						SIGNAL								
			P8	P7	P6	P5	P4	P3	4	3	2	3	2	1			P2
2-6450150-9	D		VM		VM		VA		E	E	E	E	E		VM	VM	
	E								E	E	E	E					
	E								E	E	E	E					
	E								E	E	E	E					
2P + 24S + 6P																	

NO CONTACTS LOADED

NO CONTACTS LOADED



THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN R. GRZYBOWSKI 16FEB05	 TE Connectivity		
DIMENSIONS: INCHES		CHK M. PERCHERKE 16FEB05			
	TOLERANCES UNLESS OTHERWISE SPECIFIED:	APVD M. PERCHERKE -	NAME		
		PRODUCT SPEC	VERTICAL RECEPTACLE ASSEMBLY WITH GUIDES		
		108-1973	MULTI-BEAM XL		
		APPLICATION SPEC	SIZE		
		114-13038	CASE CODE		
MATERIAL	FINISH	WEIGHT	DRAWING NO		RESTRICTED TO
-	-	-	A100779C=6450150		-
CUSTOMER DRAWING			SCALE		REV
			1:1		G5
			SHEET 12 OF 12		

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[TE Connectivity:](#)

[1-6450150-4](#)