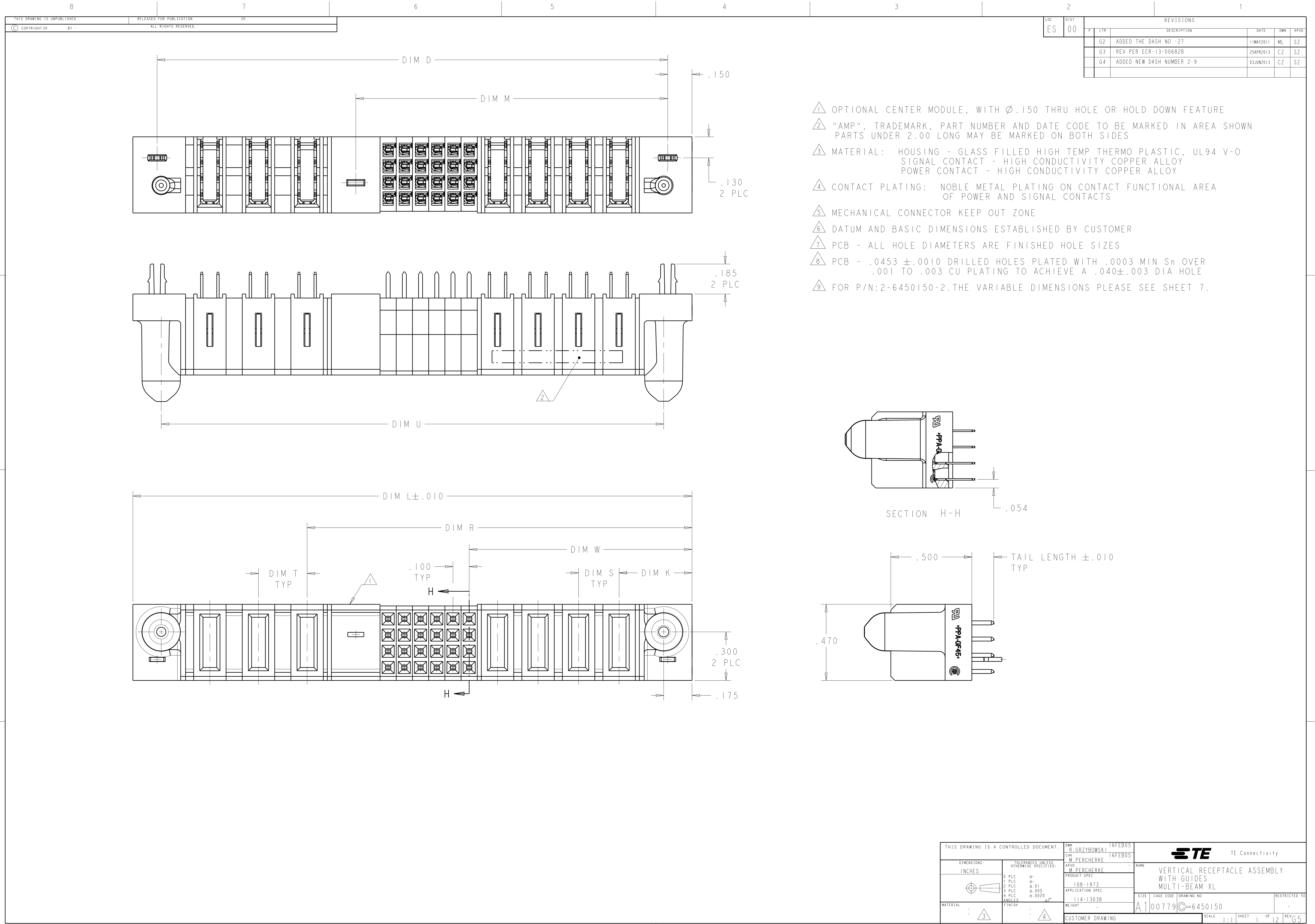
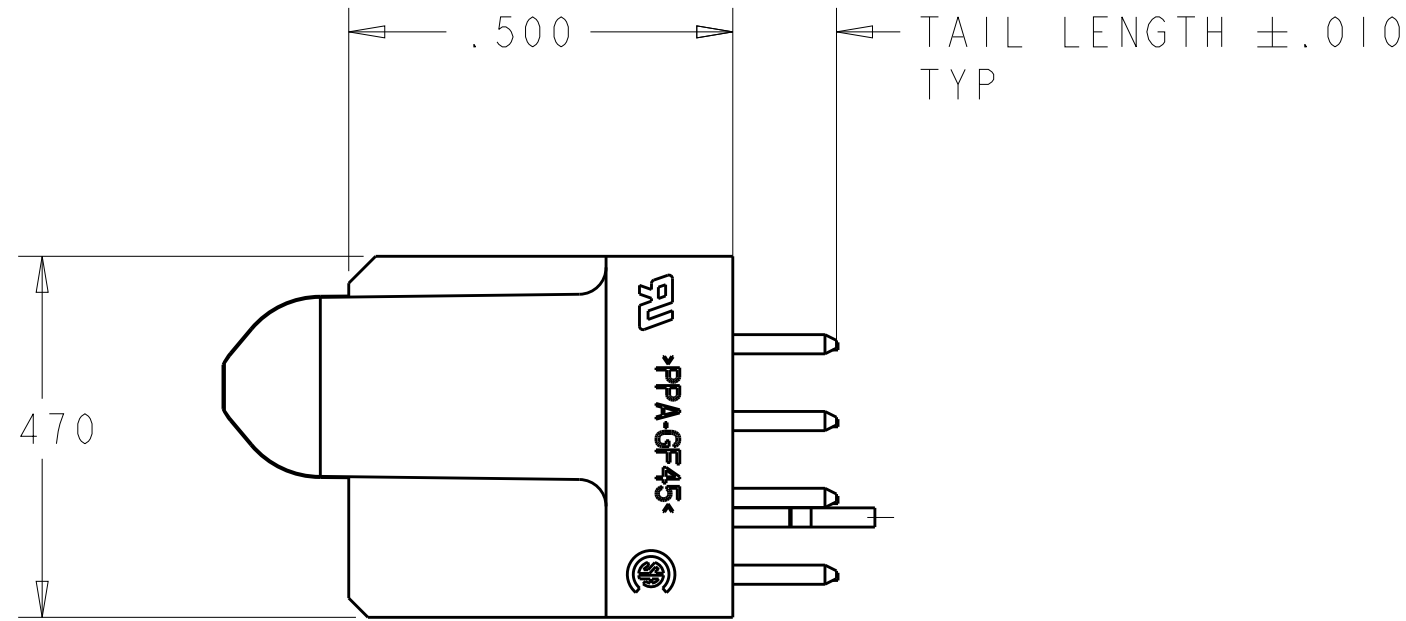
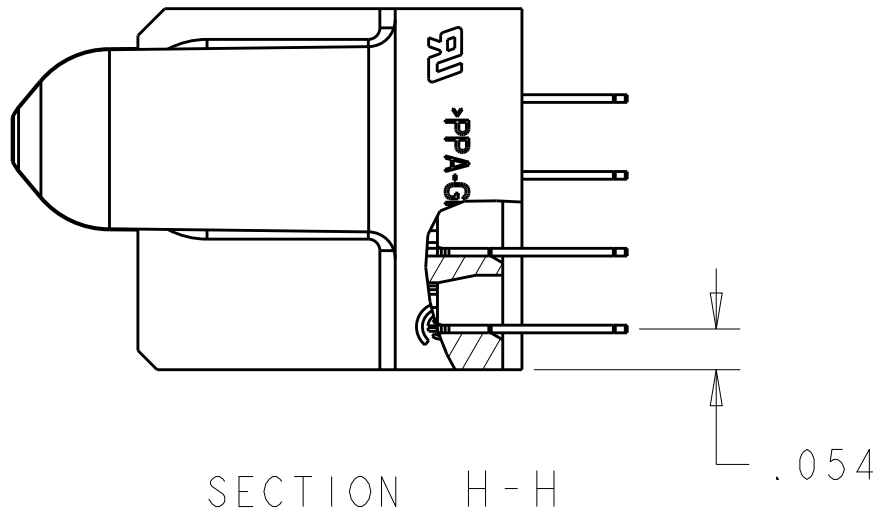




- 1 OPTIONAL CENTER MODULE, WITH Ø.150 THRU HOLE OR HOLD DOWN FEATURE
- 2 "AMP", TRADEMARK, PART NUMBER AND DATE CODE TO BE MARKED IN AREA SHOWN PARTS UNDER 2.00 LONG MAY BE MARKED ON BOTH SIDES
- 3 MATERIAL: HOUSING - GLASS FILLED HIGH TEMP THERMO PLASTIC, UL94 V-0
SIGNAL CONTACT - HIGH CONDUCTIVITY 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.



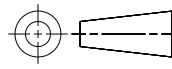
THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN R.GRZYBOWSKI 16FEB05		
		CHK M.PERCHERKE 16FEB05		
DIMENSIONS:		APVD M.PERCHERKE	NAME	
INCHES		PRODUCT SPEC		
	0 PLC	±"	APPLICATION SPEC	
	1 PLC	±.01		
	2 PLC	±.01		
	3 PLC	±.005		
	4 PLC	±.0020	SIZE	
	ANGLES	±.0020		
MATERIAL		FINISH	CAGE CODE DRAWING NO	
			RESTRICTED TO	
			SCALE	
			SHEET	
			OF	
			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
R.GRZYBOWSKI
CHK
M.PERCHEKKE
APVD
M.PERCHEKKE

16FEB05
16FEB05

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

CUSTOMER DRAWING

TE Connectivity

NAME
VERTICAL RECEPTACLE ASSEMBLY WITH GUIDES MULTI-BEAM XL

SIZE
A1

CAGE CODE
00779

DRAWING NO
6450150

RESTRICTED TO
-

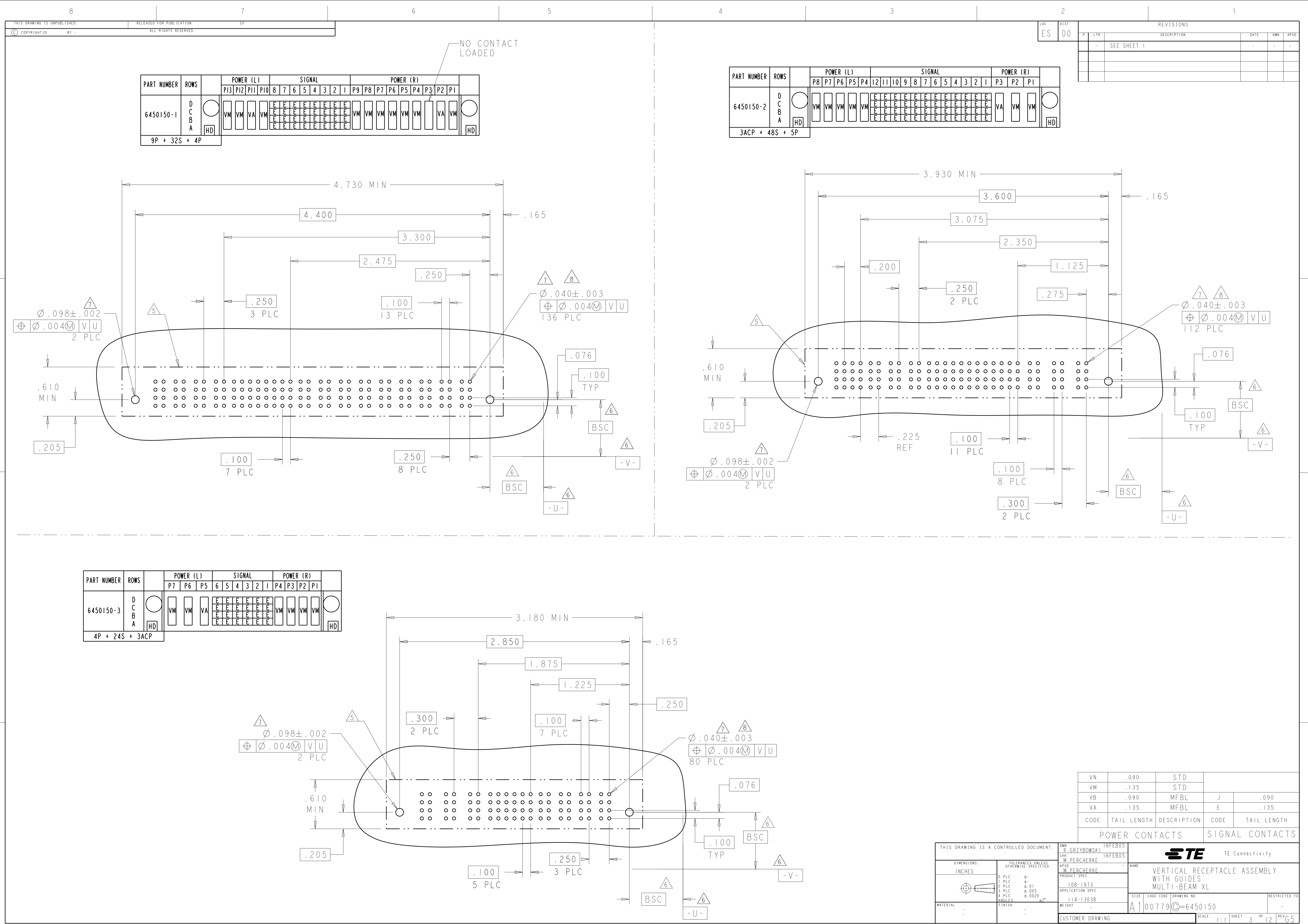
SCALE
1:1

SHEET
2

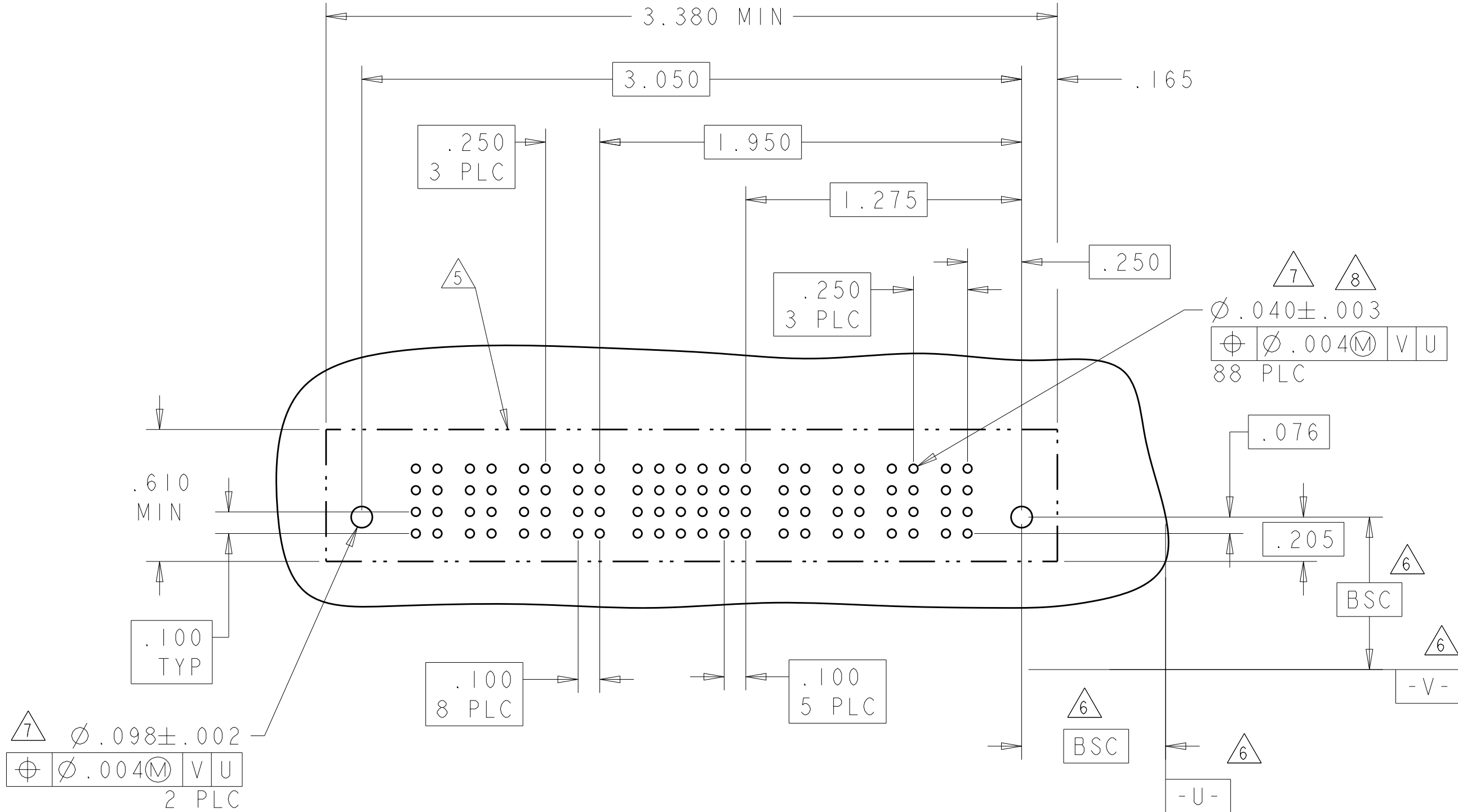
OF
12

REV
G5

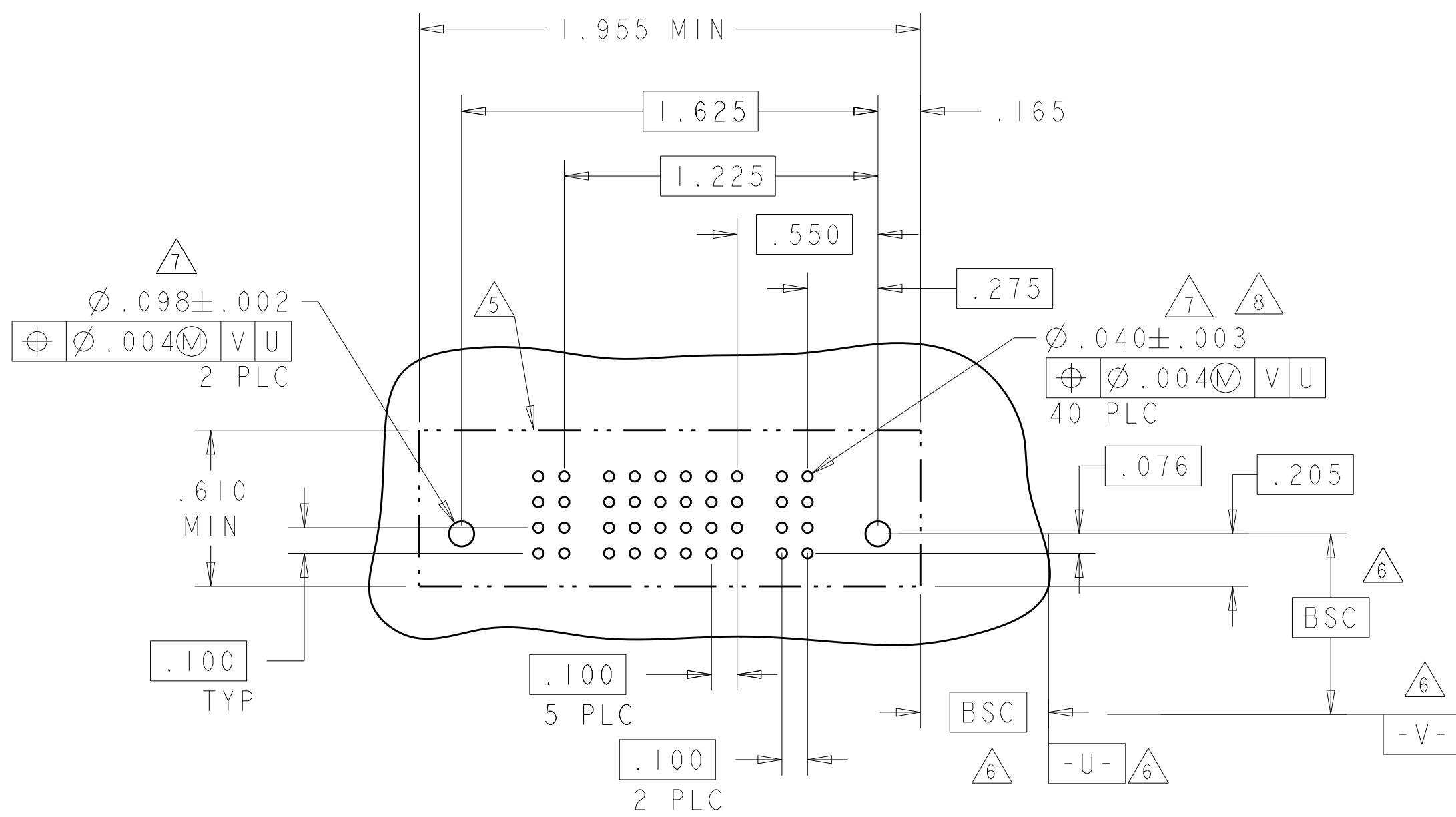
4805 (3/11)



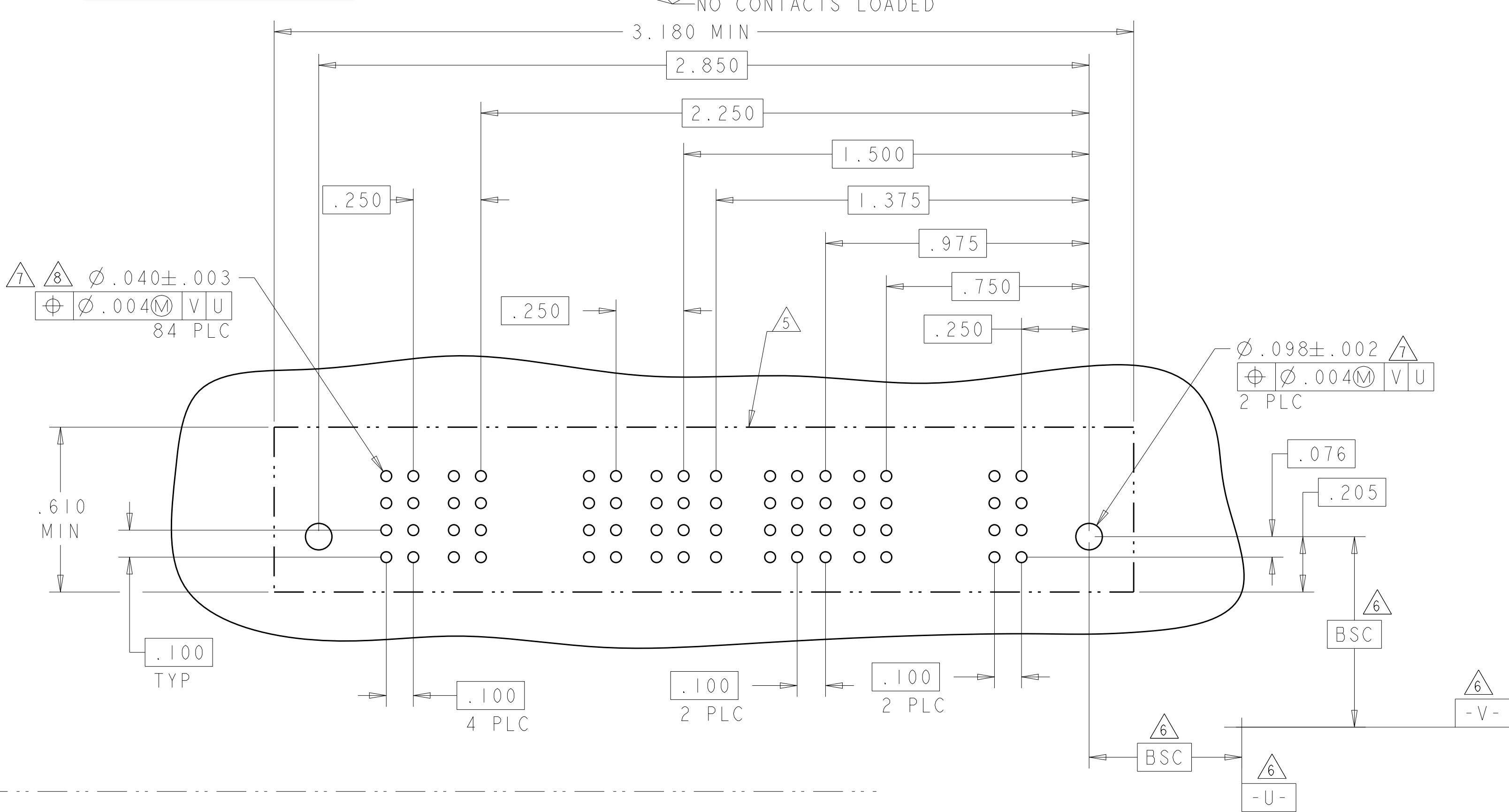
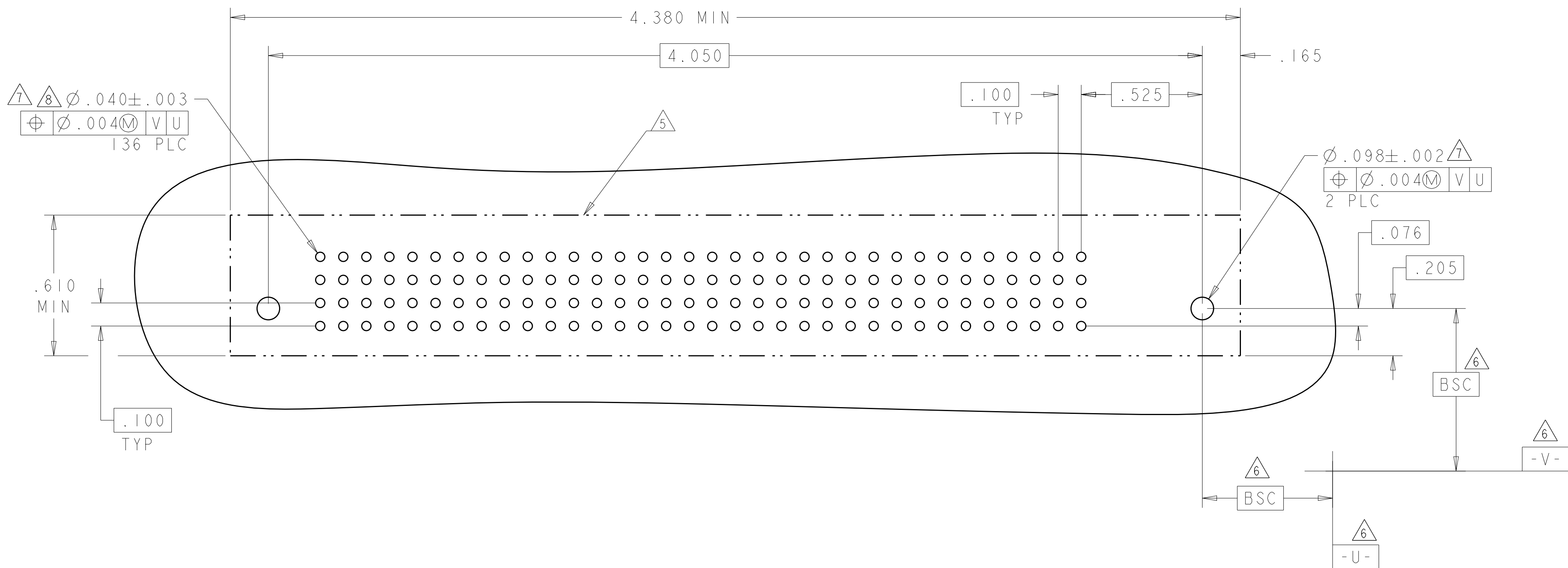
PART NUMBER	ROWS	POWER (L)				SIGNAL								POWER (R)				
		P8	P7	P6	P5	6	5	4	3	2	1	P4	P3	P2	P1			
6450150-6	D		VN	VN	VN	VN	J	J	J	J	J	J	VN	VB	VN	VB		
	C						J	J	J	J	J							
	B						J	J	J	J	J							
	A						J	J	J	J	J							
4P + 24S + 4P																		
		HD															HD	



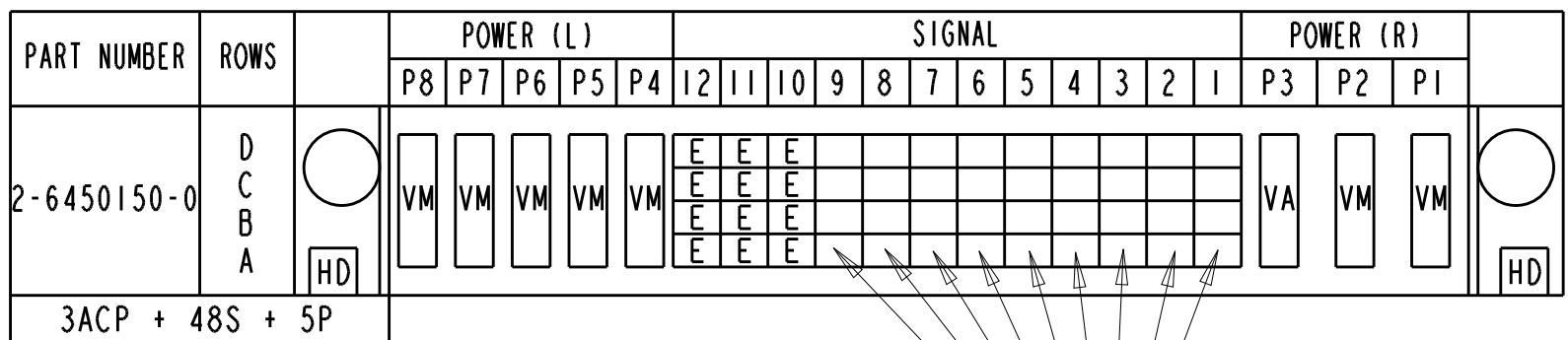
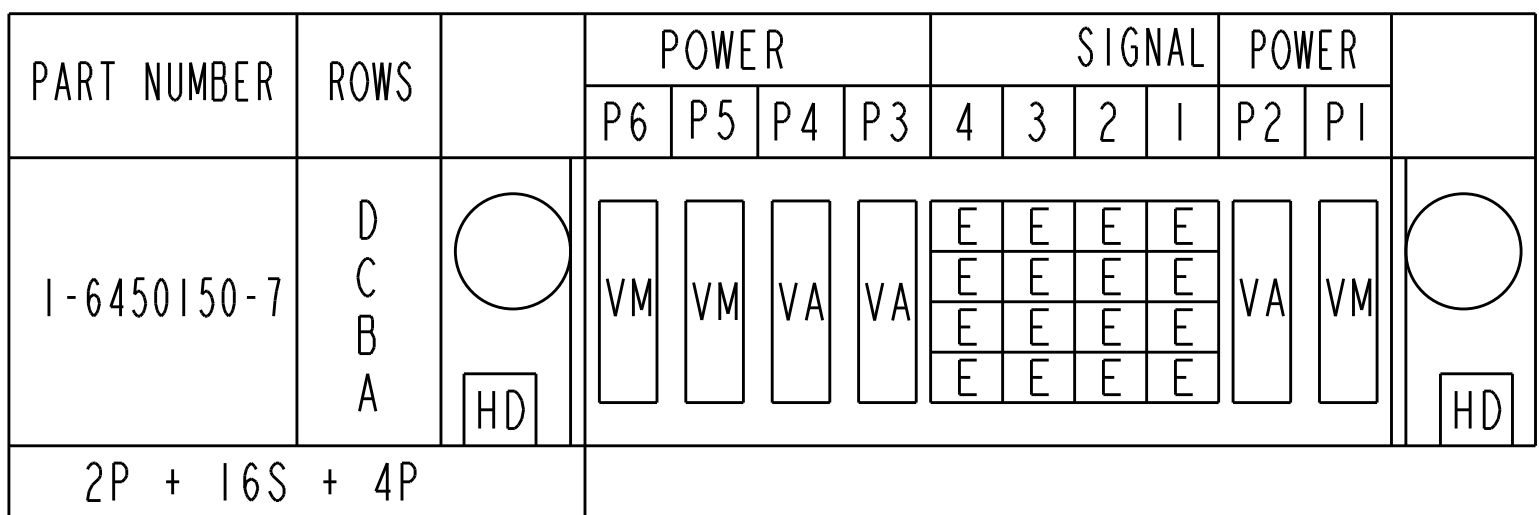
PART NUMBER	ROWS		POWER			SIGNAL				POWER		
			P2	6	5	4	3	2	1	P1		
6450150-8	D C B A		 VM	E	E	E	E	E	E	E	 VA	
				E	E	E	E	E	E			
				E	E	E	E	E	E			
				E	E	E	E	E	E			
IP + 24S + IP												

4805 (3/11)

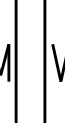
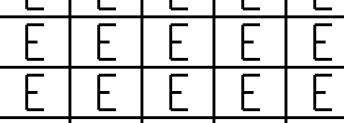
PART NUMBER	ROWS		POWER (L)					SIGNAL					POWER (R)			
			P8	P7	P6	P5	P4	5	4	3	2	1	P3	P2	P1	
1-6450150-8	D C B A	 	VA	VA	VM	VA	E		E	E	E	VM	VM	VM	 	
							E		E	E	E					
							E		E	E	E					
							E		E	E	E					
3P + 20S + 5P		 NO CONTACTS LOADING														

-NO CONTACTS LOADED

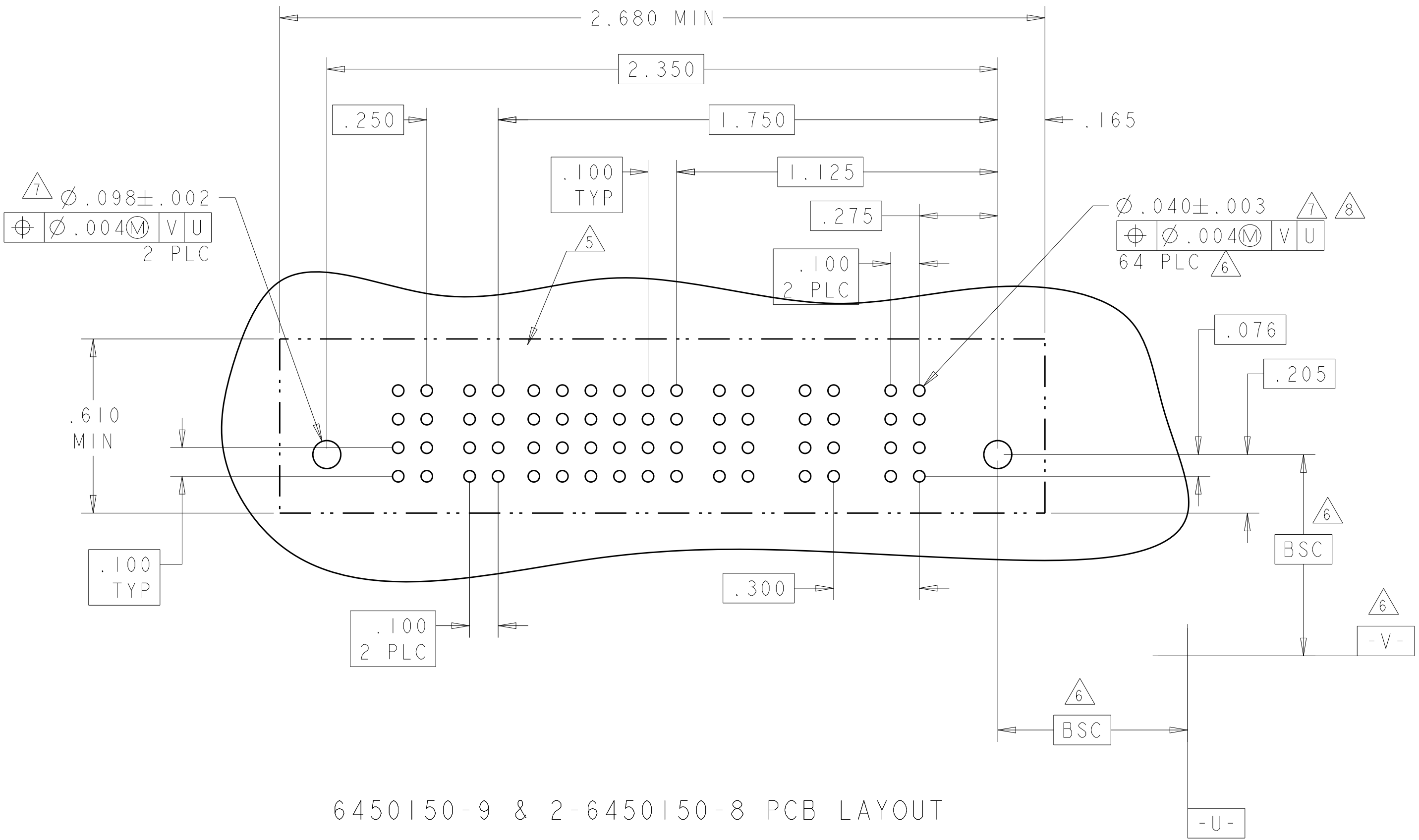
THIS DRAWING IS A CONTROLLED DOCUMENT.		OWN CHS FWD		GRZYBOWSKI M. PERCHERKE M. PERCHERKE		16FEB05 16FEB05		 TE Connectivity			
DIMENSIONS: INCHES		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME		VERTICAL RECEPTACLE ASSEMBLY WITH GUARDS MULTI-BEAM XL					
		PRODUCT SPEC 108-1973		APPLICATION SPEC 114-13038							
MATERIAL -		FINISH -		WEIGHT -							
		CUSTOMER DRAWING		SIZE		CAGE CODE		DRAWING NO		RESTRICTED TO	
				A1		100779		C6450150		-	
				SCALE		1:1		SHEET		5 OF 12	
										REV G5	



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 RECTEPCERLE ASSEMBLY WITH GUARDS MULTI-BEAM 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	

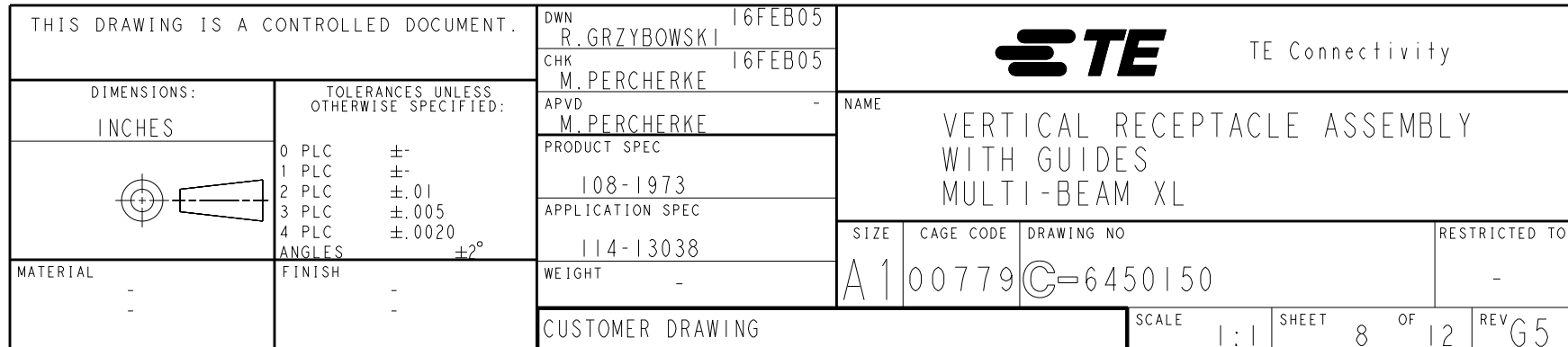
PART NUMBER	ROWS		POWER		SIGNAL						POWER			
			P5	P4	6	5	4	3	2	1	P3	P2	P1	
6450150-9	D C B A	 							 					
3ACP+24S+2P														

G 3

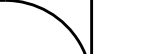


6450150-9 & 2-6450150-8 PCB LAYOUT

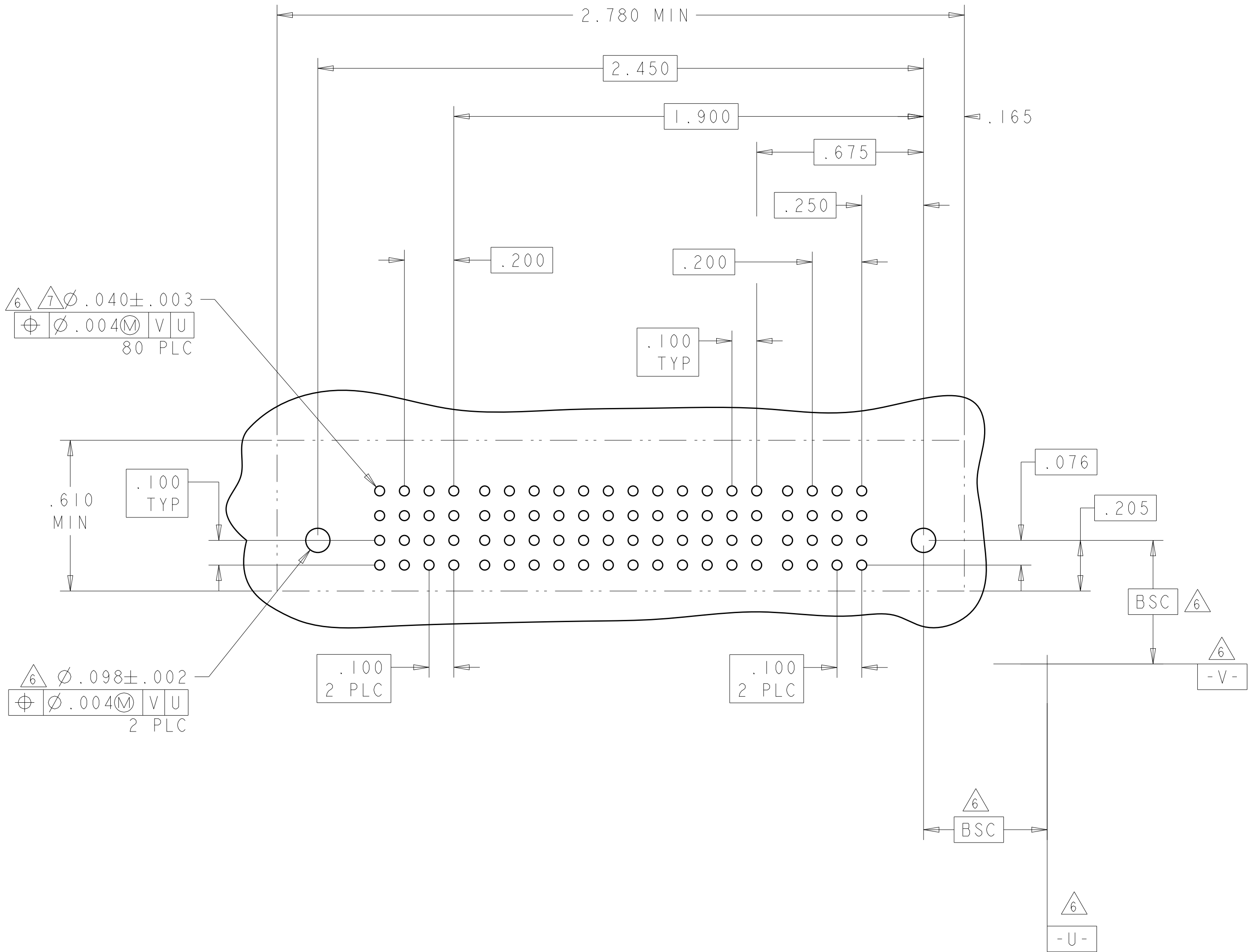
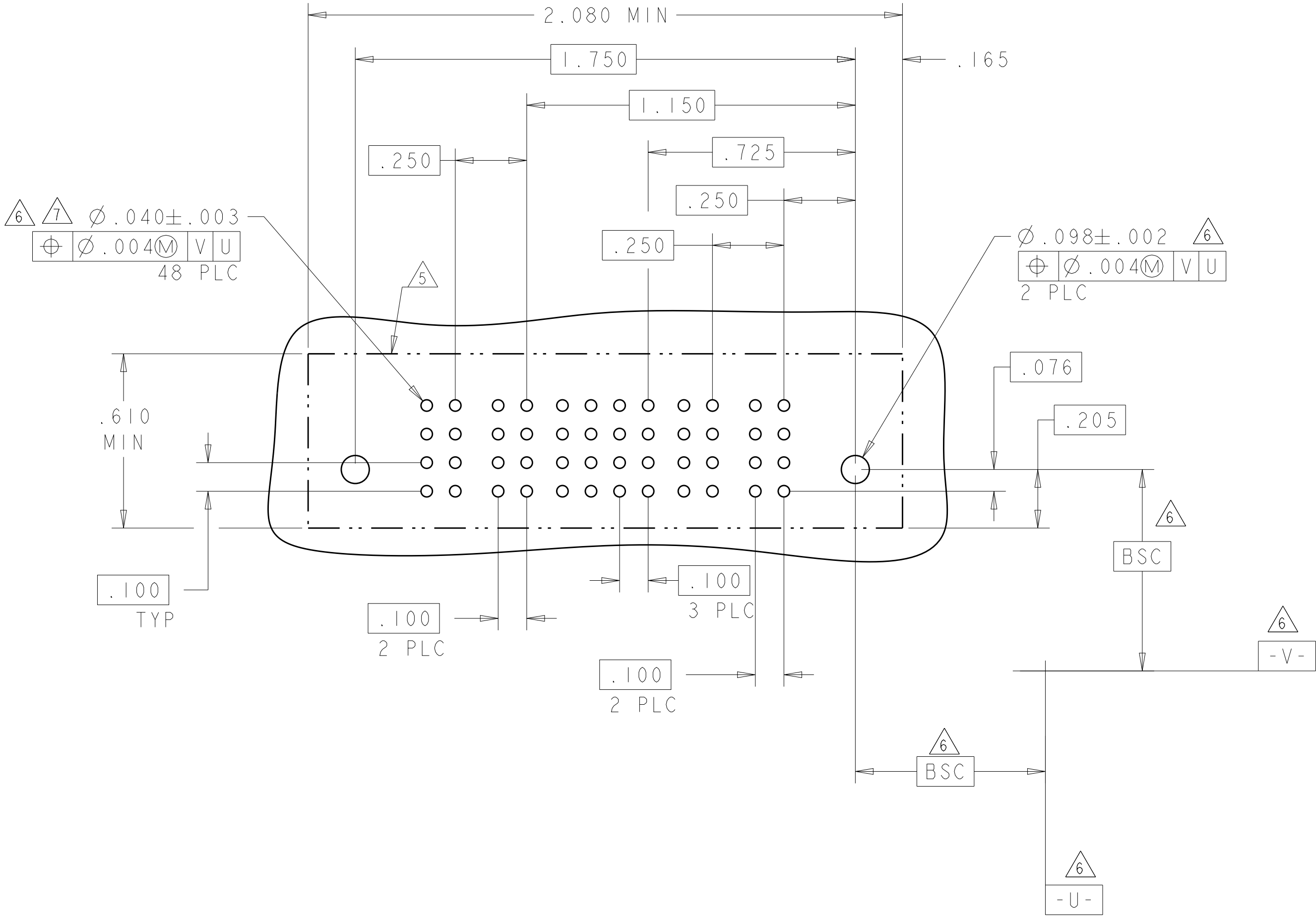
4805 (3/11)



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

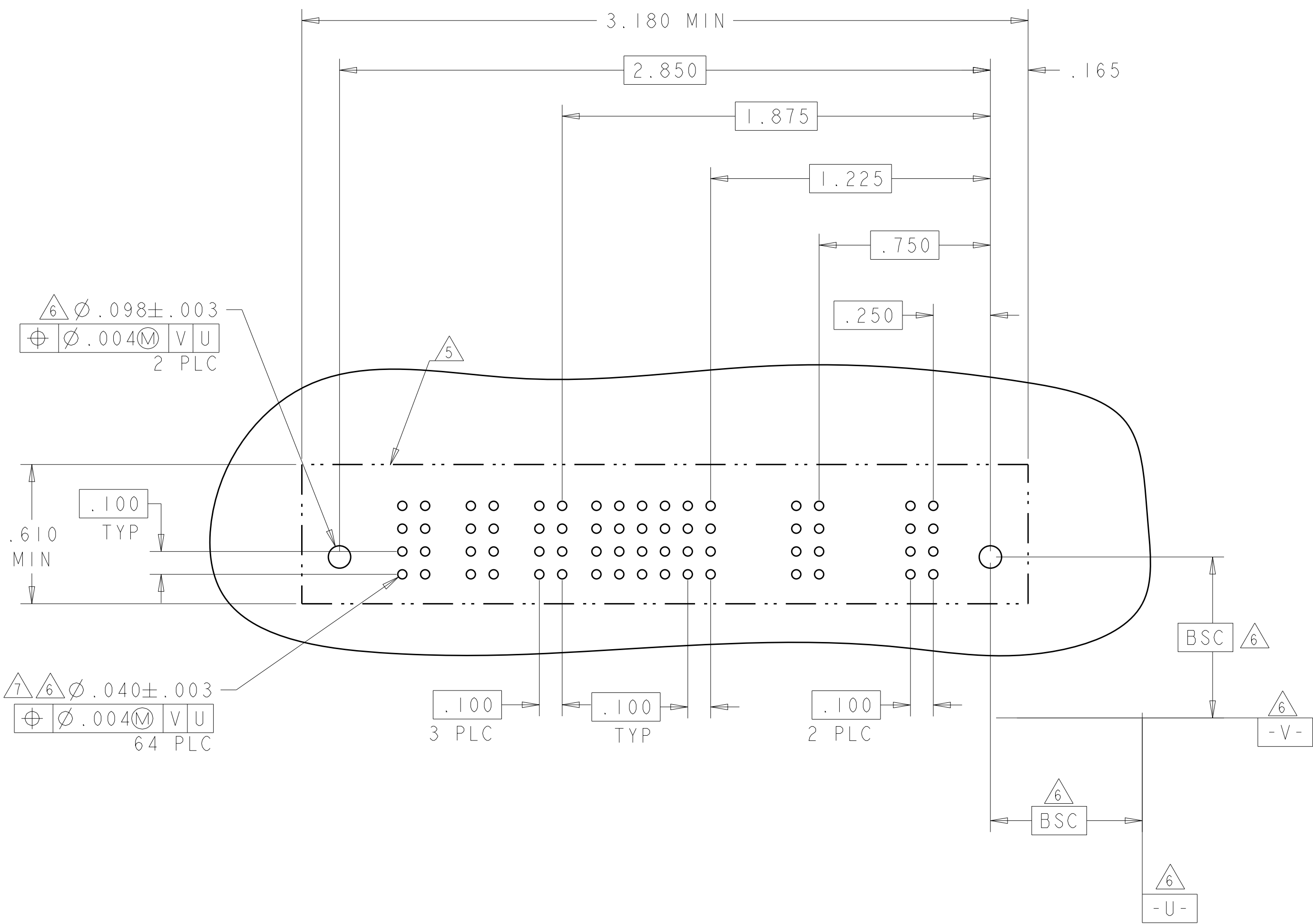
PART NUMBER	ROWS		POWER		SIGNAL					POWER		
			P4	P3	4	3	2	1	P2	P1		
2-6450150-3	D C B A				E	E	E	E	E			
					E	E	E	E	E			
					E	E	E	E	E			
					E	E	E	E	E			
2P + 16S + 2P												

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	VA	VM		
	C				E	E	E	E	E	E	E	E	E	E	E	E				
	B				E	E	E	E	E	E	E	E	E	E	E	E				
	A	HD			E	E	E	E	E	E	E	E	E	E	E	E			HD	
2P + 48S + 2P																				

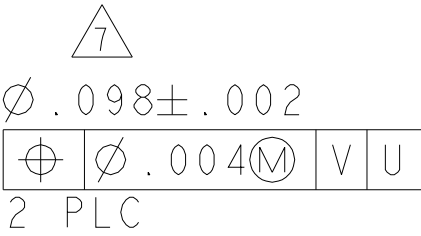


PART NUMBER	ROWS		POWER (L)			SIGNAL							POWER (R)				
			P7	P6	P5	6	5	4	3	2	1	P4	P3	P2	P1		
2-6450150-6	D					E	E	E	E	E	E						
	E					E	E	E	E	E							
	E					E	E	E	E	E							
	E					E	E	E	E	E							
	E					E	E	E	E	E							
																	
4P + 24S + 3ACP																	

FI

4805 (3/11)

GI





 $\varnothing .040 \pm .003$

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

 TYP

—PCB EDGE

4805 (3/11)

-NO CONTACTS LOADED

Mouser Electronics

Authorized Distributor

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

[TE Connectivity:](#)

[1-6450150-7](#)