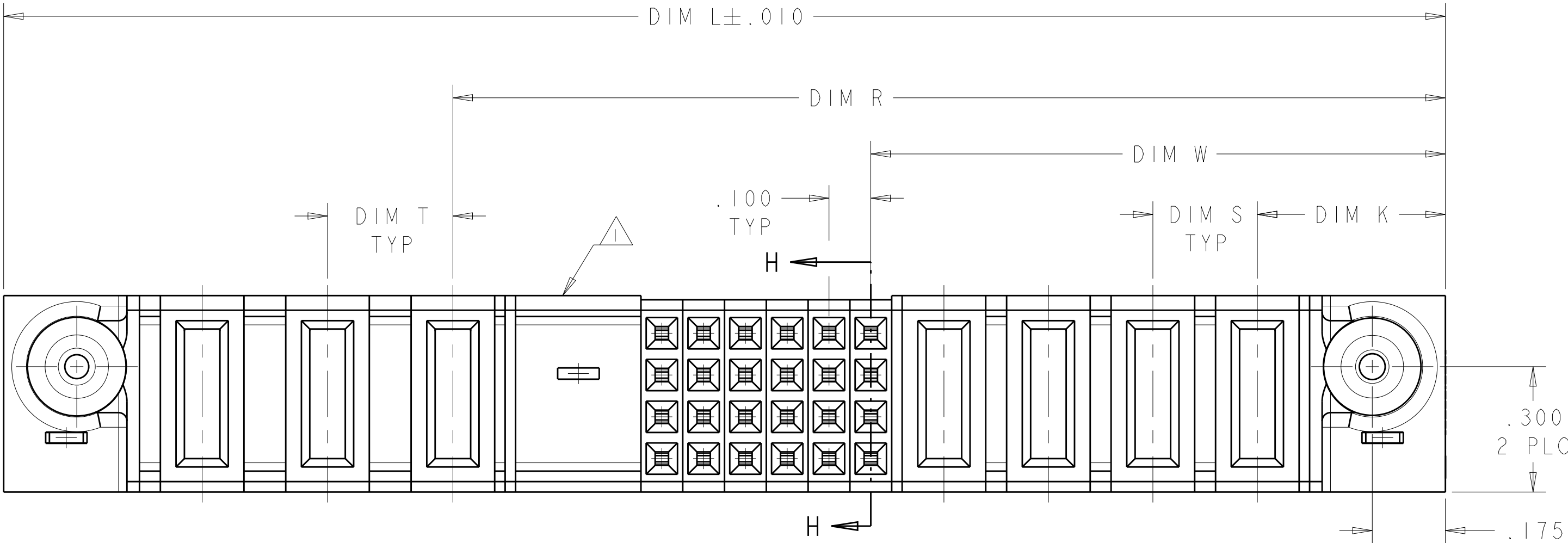
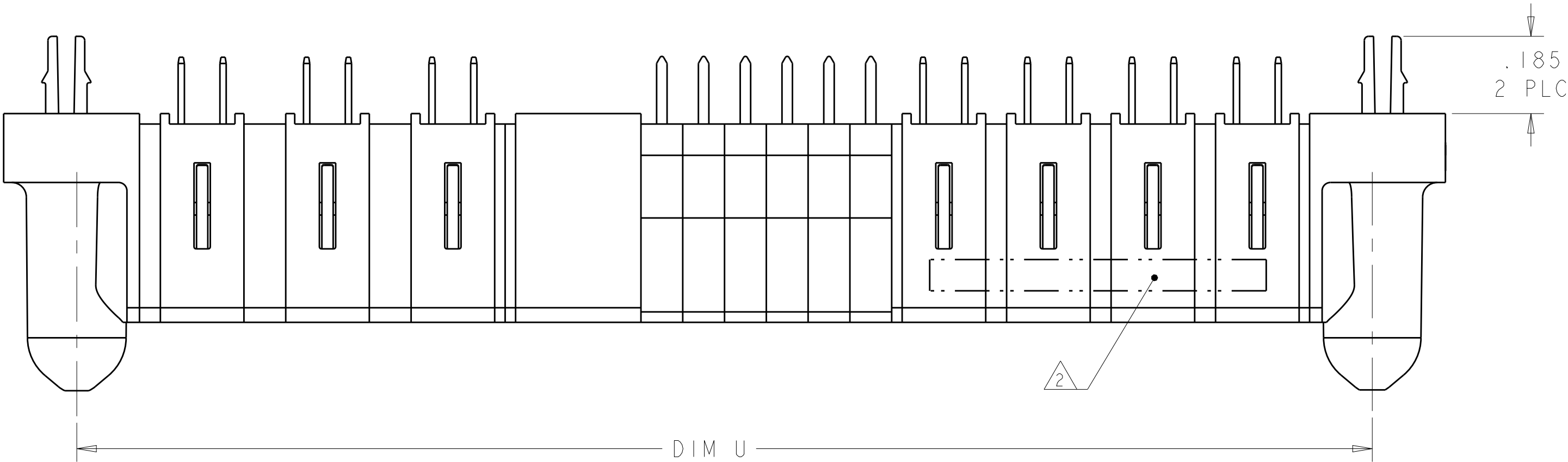
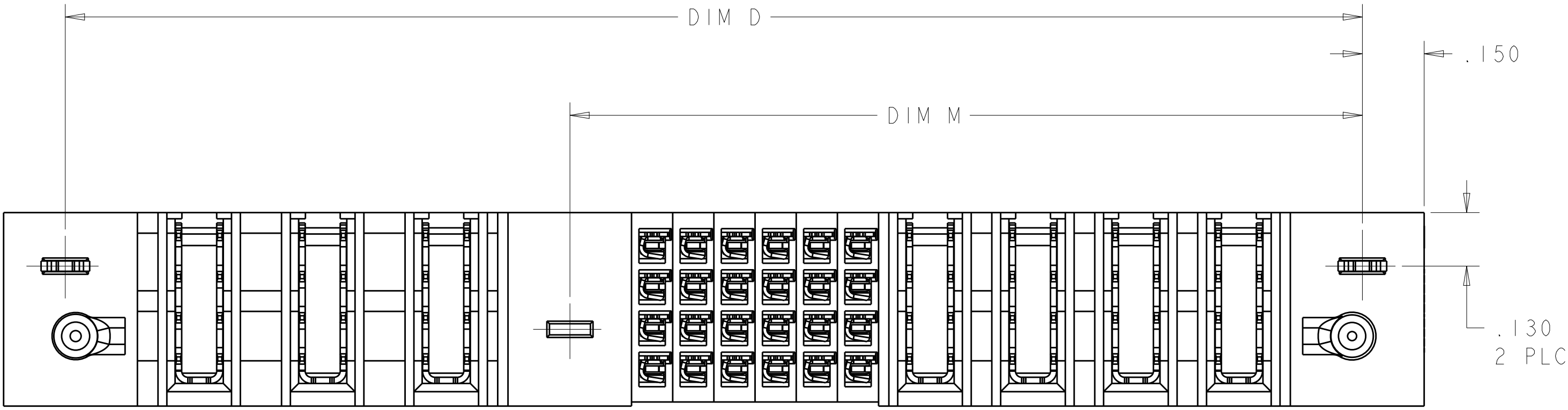
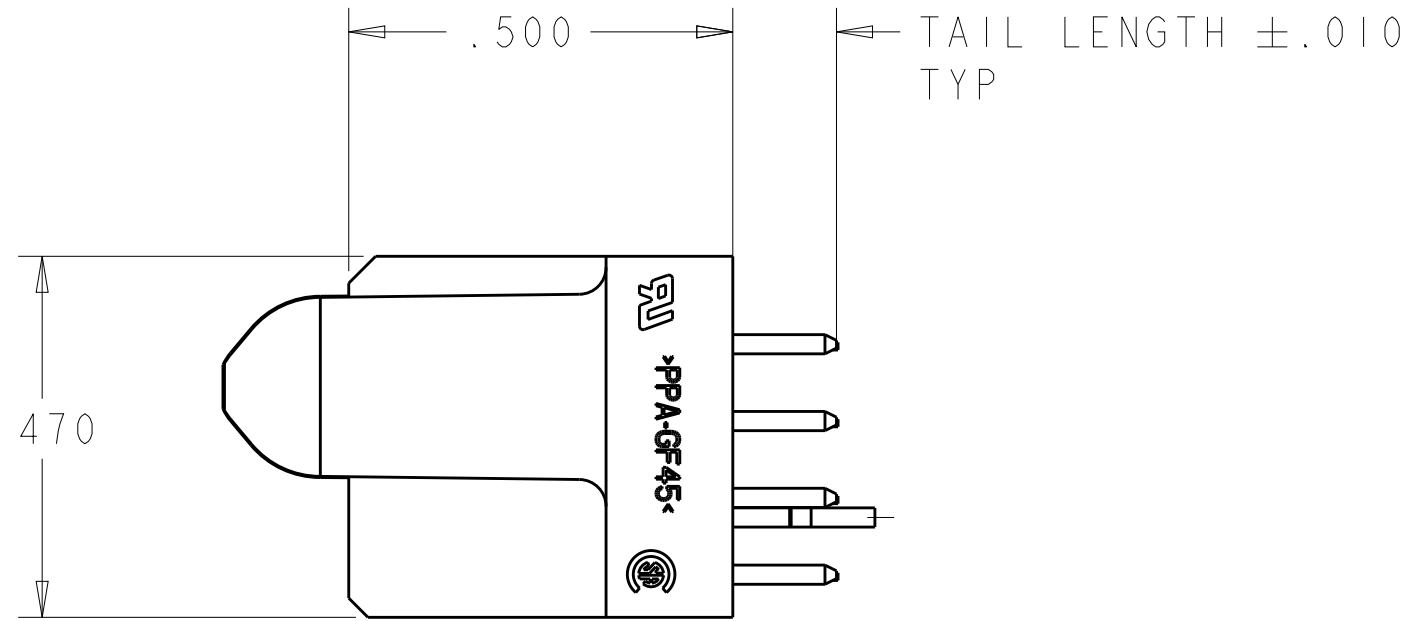
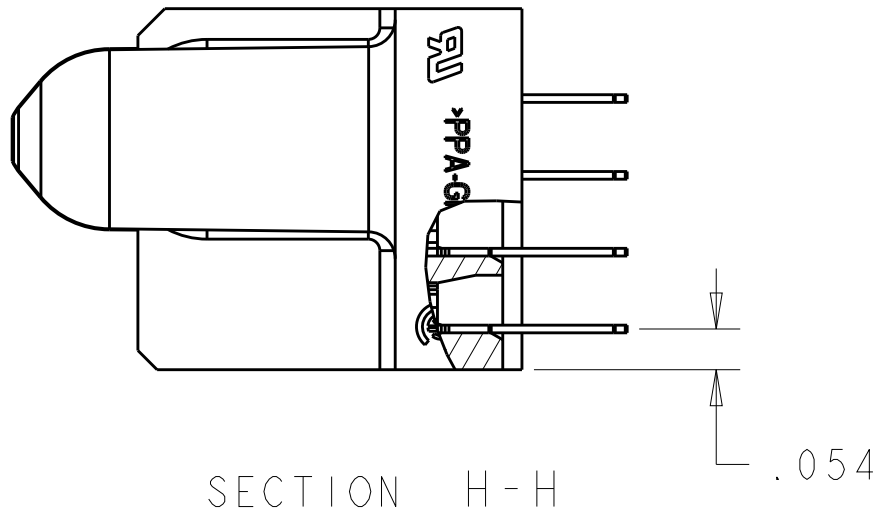


LOC	DIST	REVISIONS						
ES	00	P	LTR	DESCRIPTION	DATE	DWN	APVD	
			G2	ADDED THE DASH NO -27	11MAY2011	ML	SZ	
			G3	REV PER ECR-13-006828	25APR2013	CZ	SZ	
			G4	ADDED NEW DASH NUMBER 2-9	03JUN2013	CZ	SZ	



- △ 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.



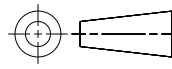
THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN R.GRZYBOWSKI CHK M.PERCHEKKE APVD M.PERCHEKKE	16FEB05 16FEB05 -	TE Connectivity	
DIMENSIONS: INCHES		TOLERANCES UNLESS OTHERWISE SPECIFIED:			
		0 PLC ±.01	PRODUCT SPEC	NAME VERTICAL RECEPTACLE ASSEMBLY WITH GUIDES MULTI-BEAM XL	
		1 PLC ±.01	108-1973		
		2 PLC ±.005	APPLICATION SPEC	SIZE A1	
		3 PLC ±.0020	114-13038		
MATERIAL - △ 3		ANGLES FINISH - △ 4	WEIGHT -	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

108-1973
114-13038

108-1973
114-13038

NAME
SIZE
CAGE CODE
DRAWING NO
RESTRICTED TO

VERTICAL RECEPTACLE ASSEMBLY
WITH GUIDES
MULTI-BEAM XL
A100779C=6450150
1:1
2
12
G5

TE Connectivity

CUSTOMER DRAWING

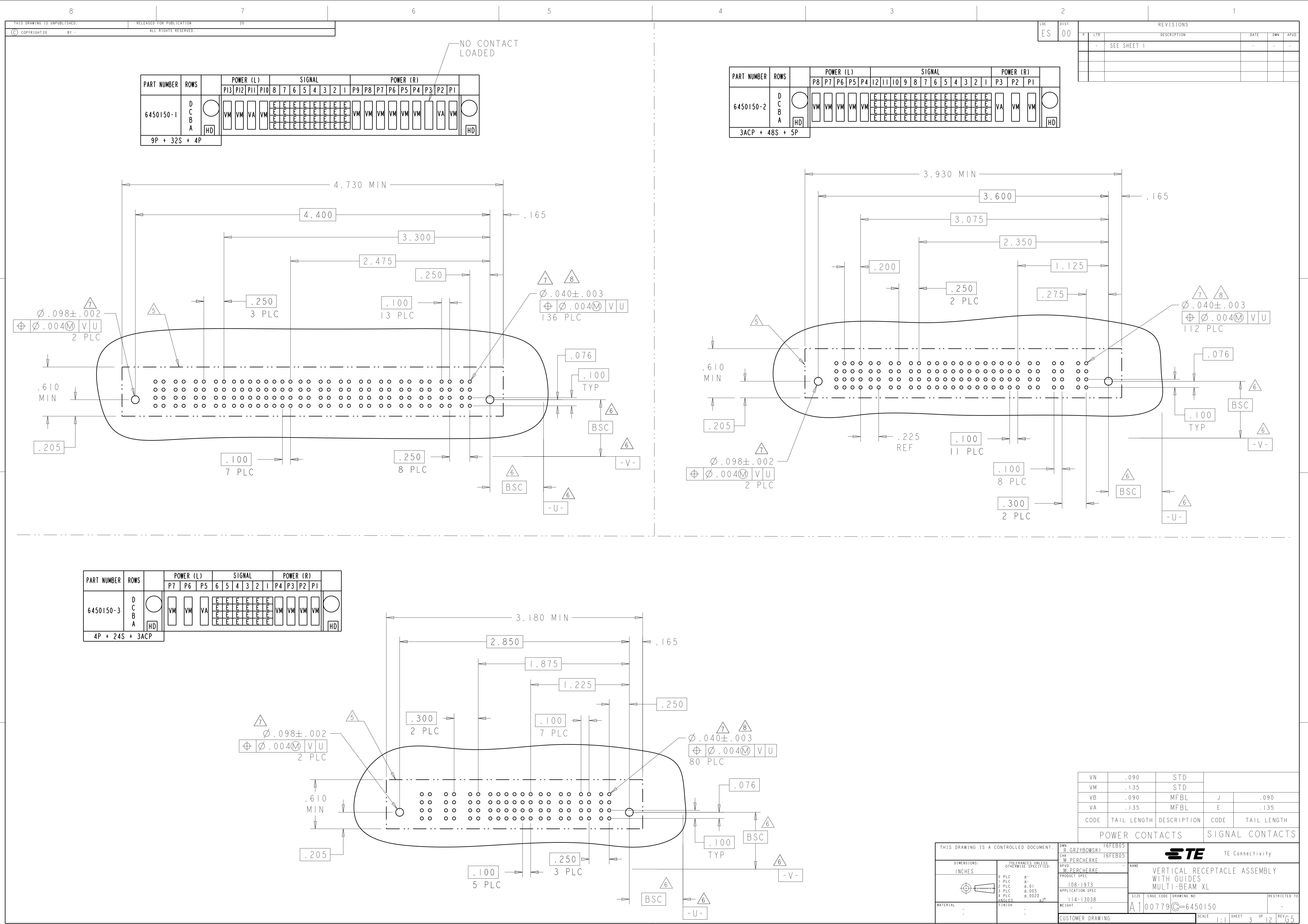
SCALE
1:1

SHEET
2

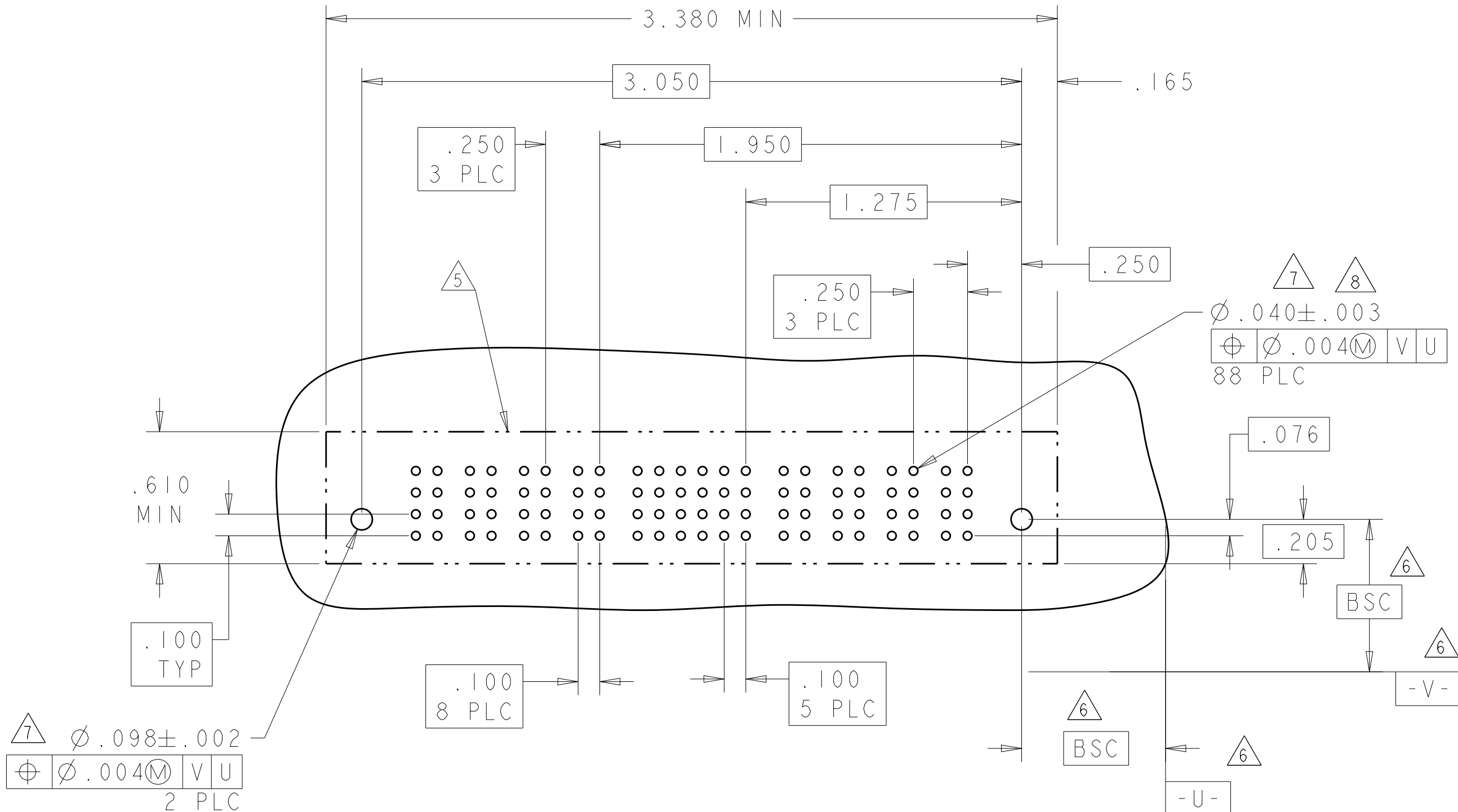
OF
12

REV
G5

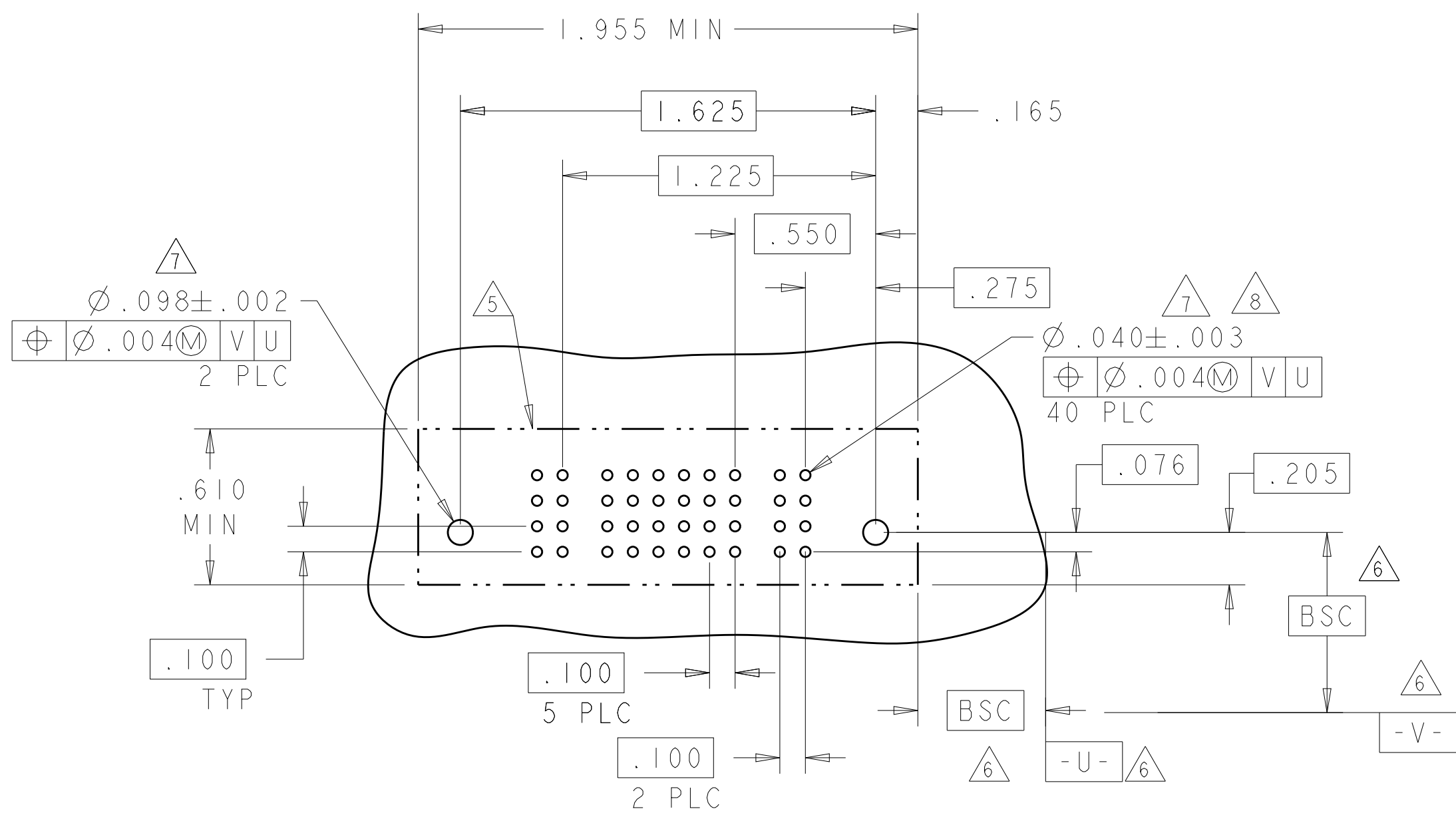
4805 (3/11)



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				
4P + 24S + 4P																			



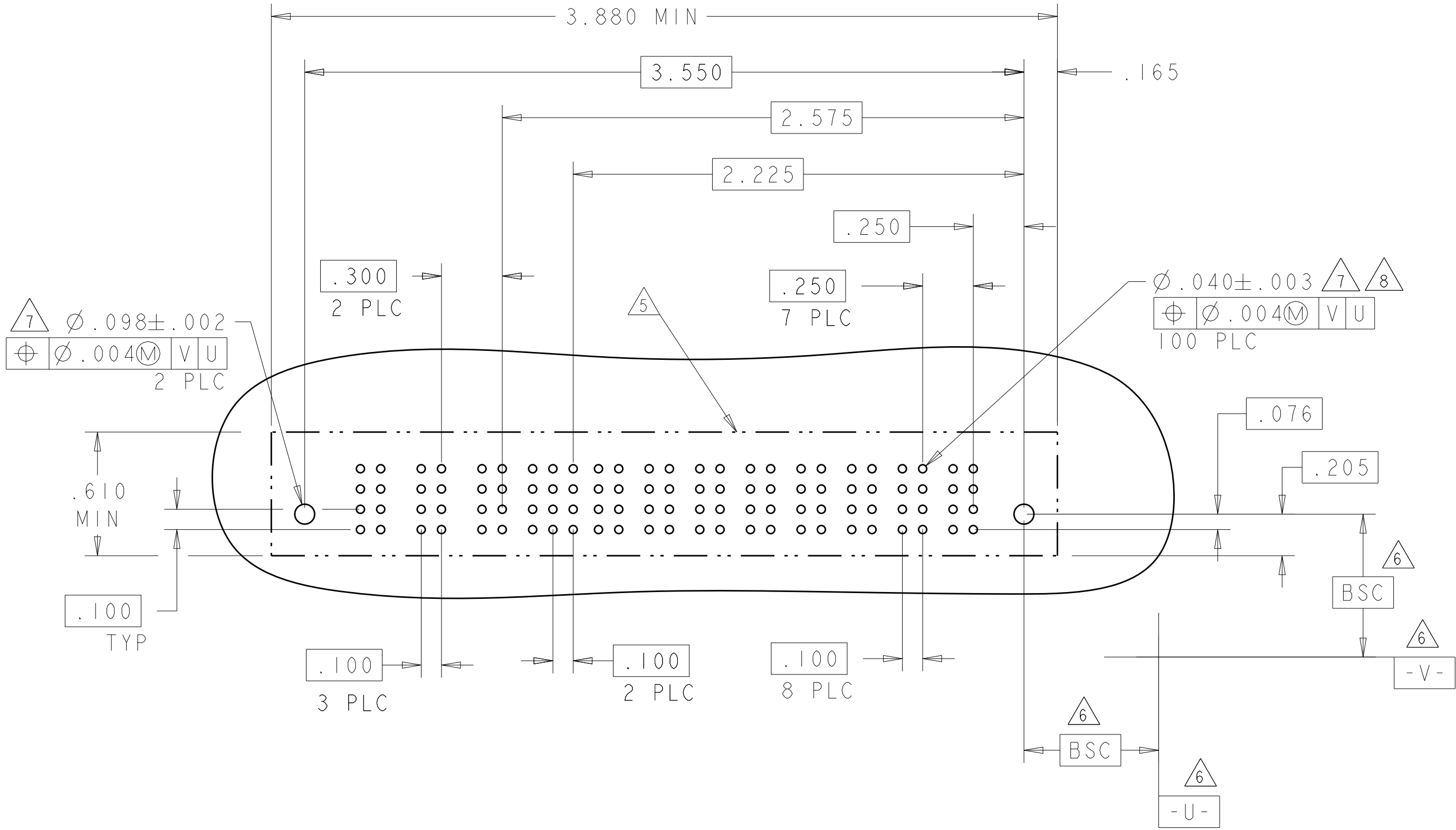
PART NUMBER	ROWS		POWER				SIGNAL				POWER			
			P2	6	5	4	3	2	1	P1				
6450150-8	D C B A			VM	E	E	E	E	E	E	E	VA		
				E	E	E	E	E	E	E	E			
				E	E	E	E	E	E	E	E			
IP + 24S + IP				HD	E	E	E	E	E	E	E	E		HD



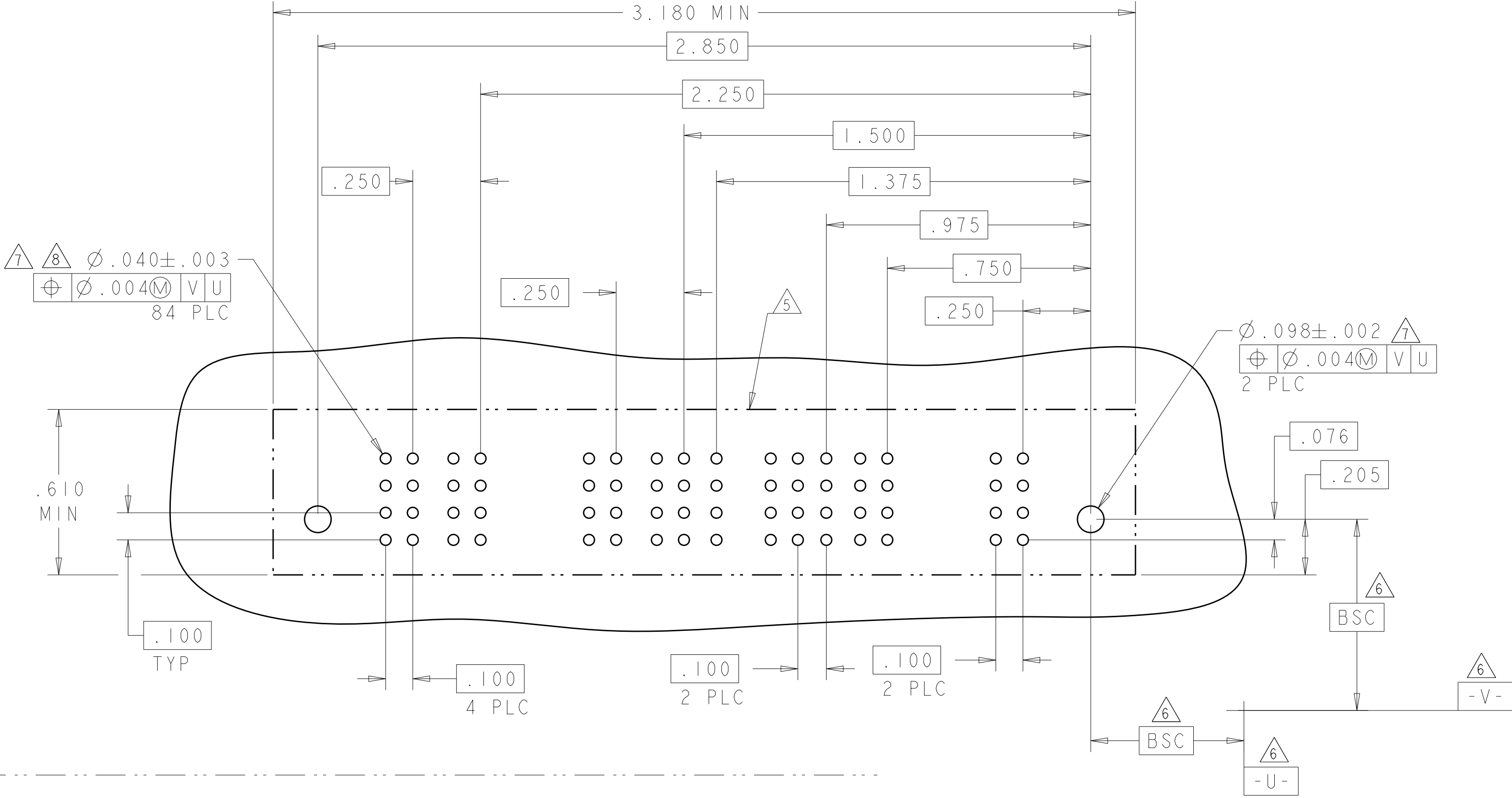
THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN. GRZYBOWSKI 16FEB05 CHK. M. PERCHERKE 16FEB05		 TE Connectivity	
DIMENSIONS: INCHES		TOLERANCES UNLESS OTHERWISE SPECIFIED: DECIMALS: ± FRACTIONS: ±0.01 ANGLES: ±0°		NAME VERTICAL RECEPTACLE ASSEMBLY WITH GUIDES MULTI-BEAM XL	
		PRODUCT SPEC 108-1973 APPLICATION SPEC 114-13038		SIZE CAGE CODE DRAWING NO A100779C6450150	
MATERIAL -		FINISH -		RESTRICTED TO -	
		CUSTOMER DRAWING		SCALE 1:1 SHEET 4 OF 12 REV G5	

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

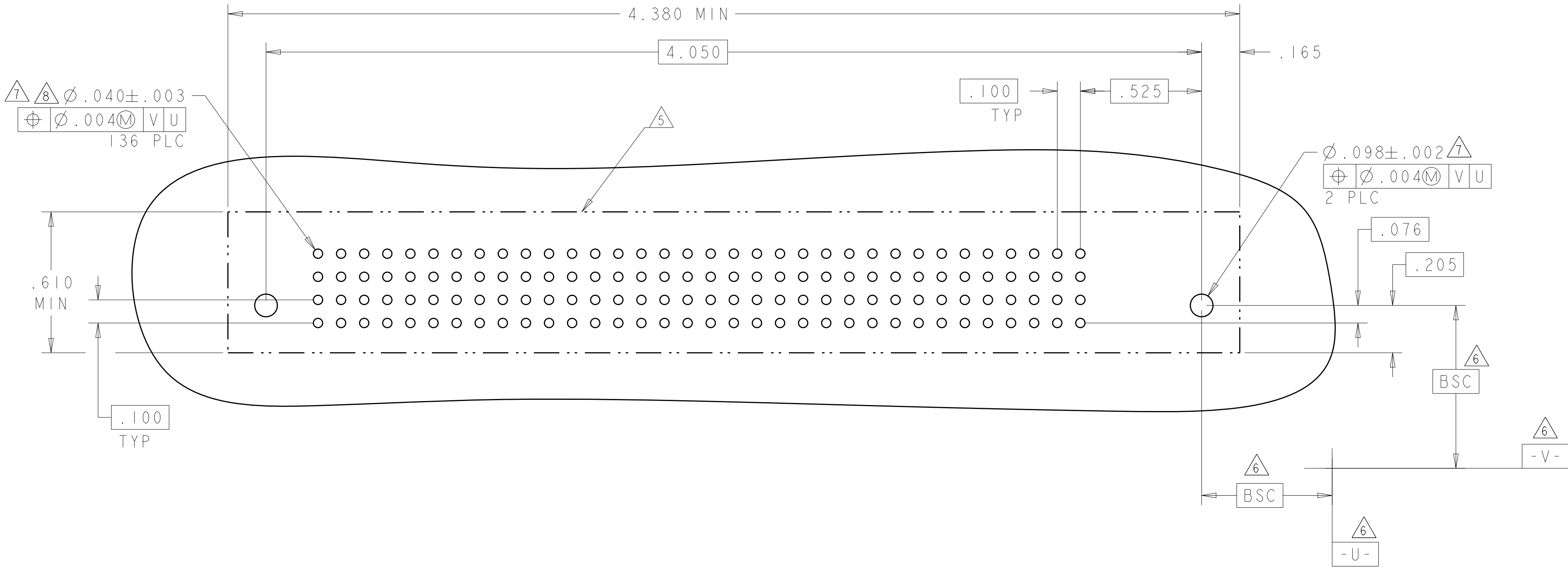
PART NUMBER	ROWS		POWER (L)			SIGNAL				POWER								
			P11	P10	P9	3	2	1	P8	P7	P6	P5	P4	P3		P2	P1	
1-6450150-3	D					E	E	E										
	E					E	E											
	E					E	E											
	E					E	E											
8P + 12S + 3ACP																		



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	○	VA	VA		VM	VA	E		E	E	E	VM		VM	○
	C							E		E	E	E				
	B							E		E	E	E				
	A	HD						E		E	E	E				HD
3P + 20S + 5P																



PART NUMBER	ROWS		SIGNAL																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
			37	36	35	34	33	32	31	30	29	28	27	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2		1																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
1-6450150-9	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	E	E	E	E	E	E	E	E	E



THIS DRAWING IS A CONTROLLED DOCUMENT.

OWN: R. GRZYBOWSKI 16FEB05
CHK: M. PERCHERKE 16FEB05
APVD: M. PERCHERKE

DIMENSIONS:
INCHES

TOLERANCES UNLESS OTHERWISE SPECIFIED:

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

MATERIAL

PRODUCT SPEC

108-1973

APPLICATION SPEC

114-13038

WEIGHT

CUSTOMER DRAWING

NAME

VERTICAL RECEPTACLE ASSEMBLY WITH GUIDES MULTI-BEAM XL

SIZE

A1

CAGE CODE

00779

DRAWING NO

C=6450150

RESTRICTED TO

SCALE

1:1

SHEET

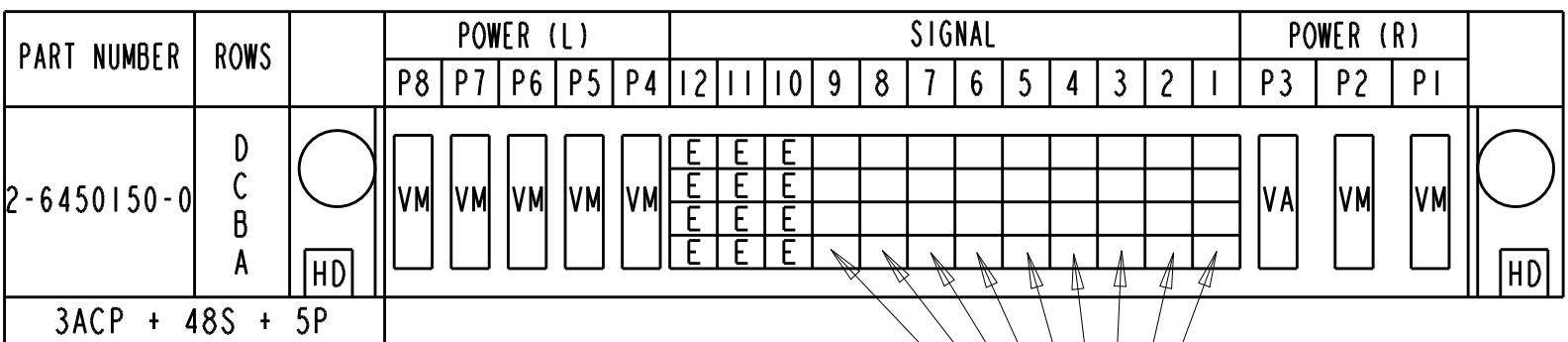
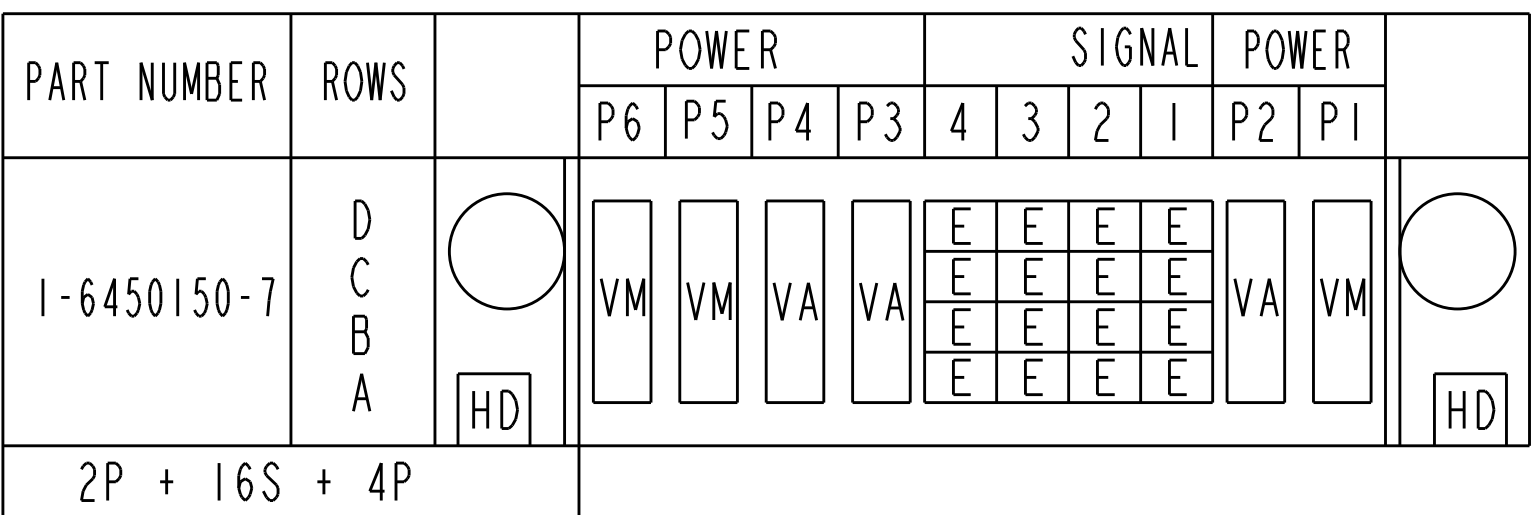
5

OF

12

REV

G5

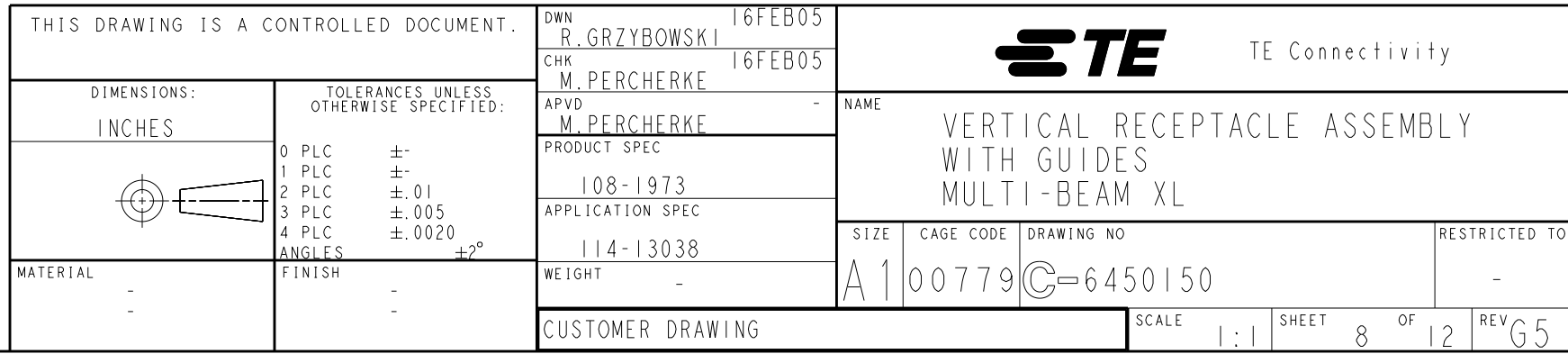


THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN. GRZYBOWSKI 16FEB05 CHK. M. PERCHERKE 16FEB05 APP. M. PERCHERKE		 TE Connectivity	
DIMENSIONS: INCHES		TOLERANCES UNLESS OTHERWISE SPECIFIED: DECIMALS: ± FRACTIONS: ±0.01 ANGLES: ±0°		NAME VERTICAL RECTEPCERLE ASSEMBLY WITH BEAMS MULTI-DEAM XL	
		PRODUCT SPEC 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	

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

G 3

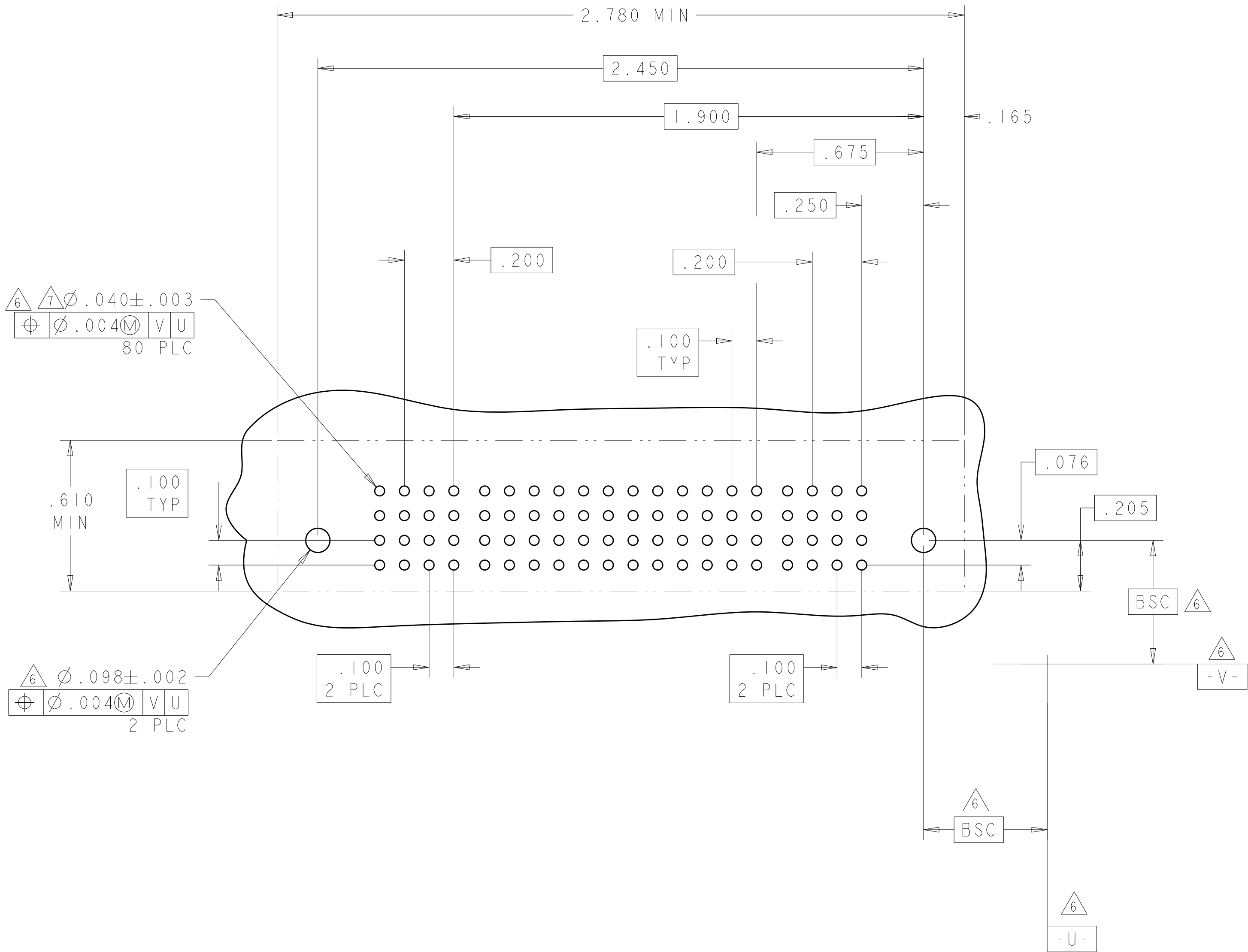
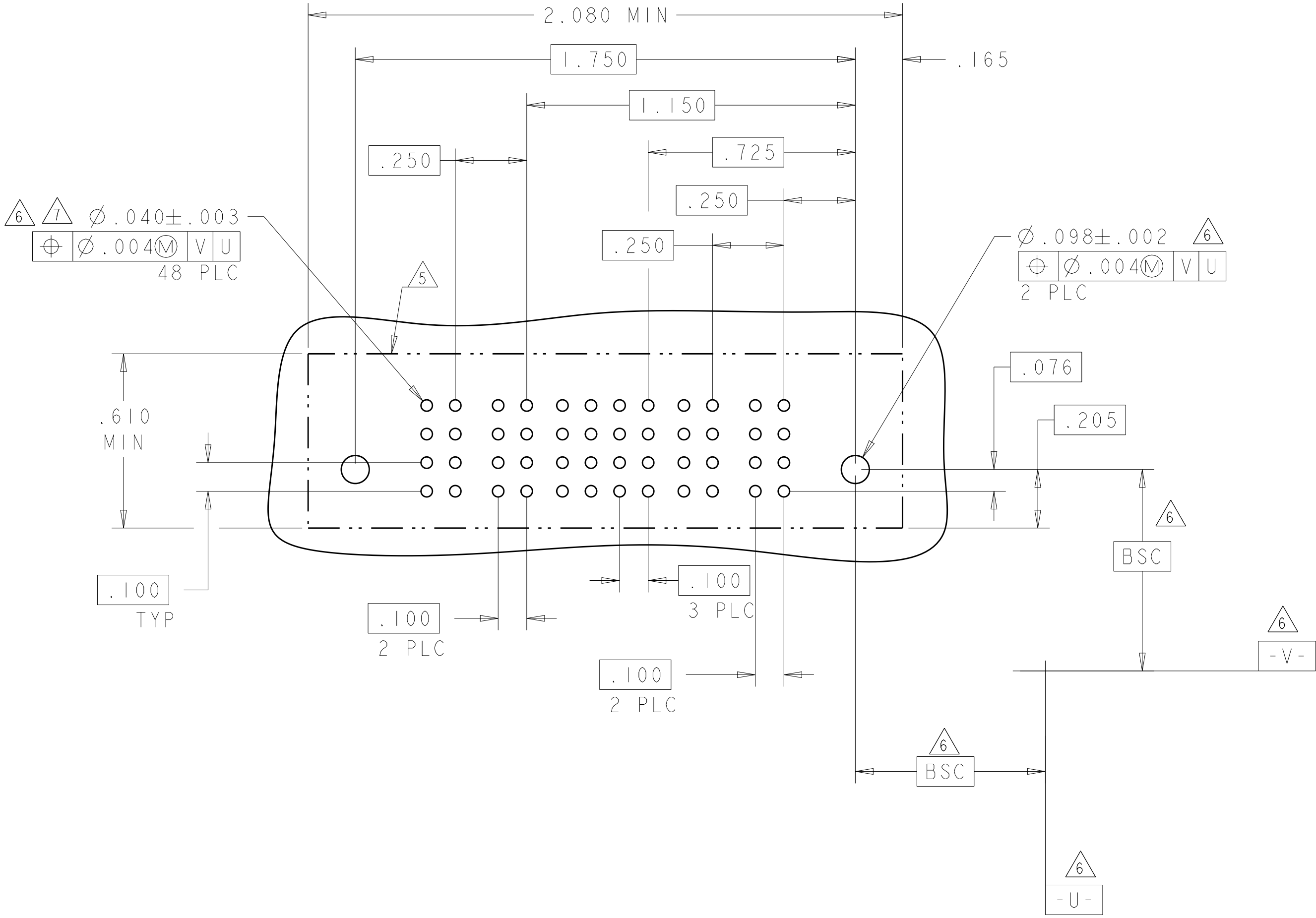
4805 (3/11)



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																			



THIS DRAWING IS A CONTROLLED DOCUMENT.

DWN
R. GRZYBOWSKI
CHK
M. PERCHERKE
APVD
M. PERCHERKE

16FEB05
16FEB05
-

DIMENSIONS:
INCHES

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

TOLERANCES UNLESS
OTHERWISE SPECIFIED:

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

NAME
VERTICAL RECEPTACLE ASSEMBLY
WITH GUIDES
MULTI-BEAM XL

SIZE
A1

CAGE CODE
00779

DRAWING NO
6450150

RESTRICTED TO
-

SCALE
1:1

SHEET
9

OF
12

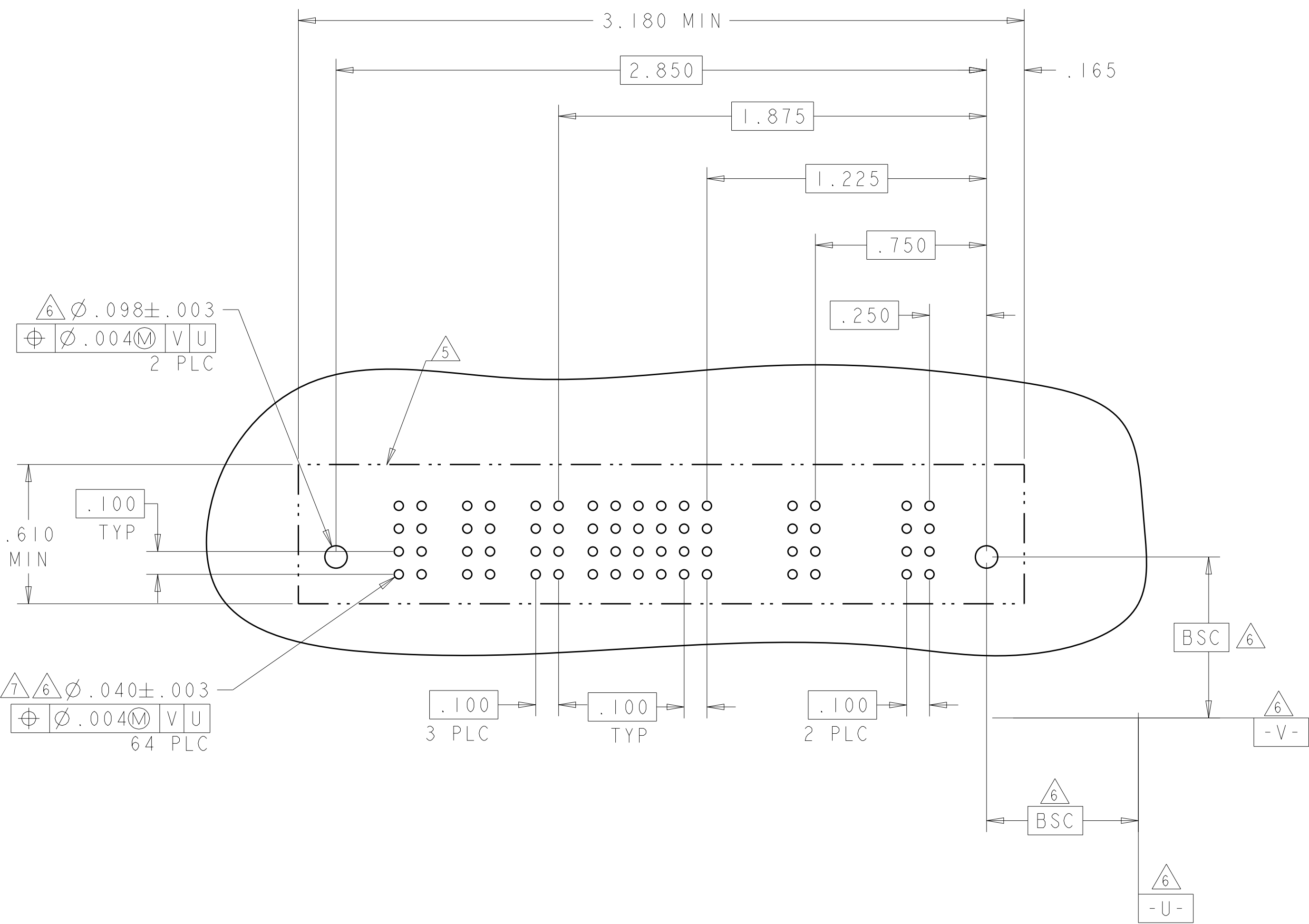
REV
G5

TE Connectivity

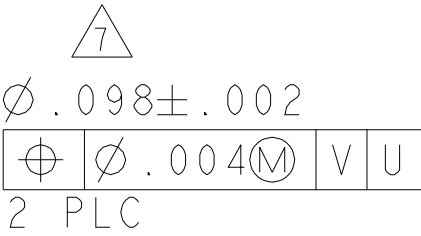
TE Connectivity

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						
	C					E	E	E	E	E							
	B					E	E	E	E	E							
	A					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
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 TYP

—PCB EDGE

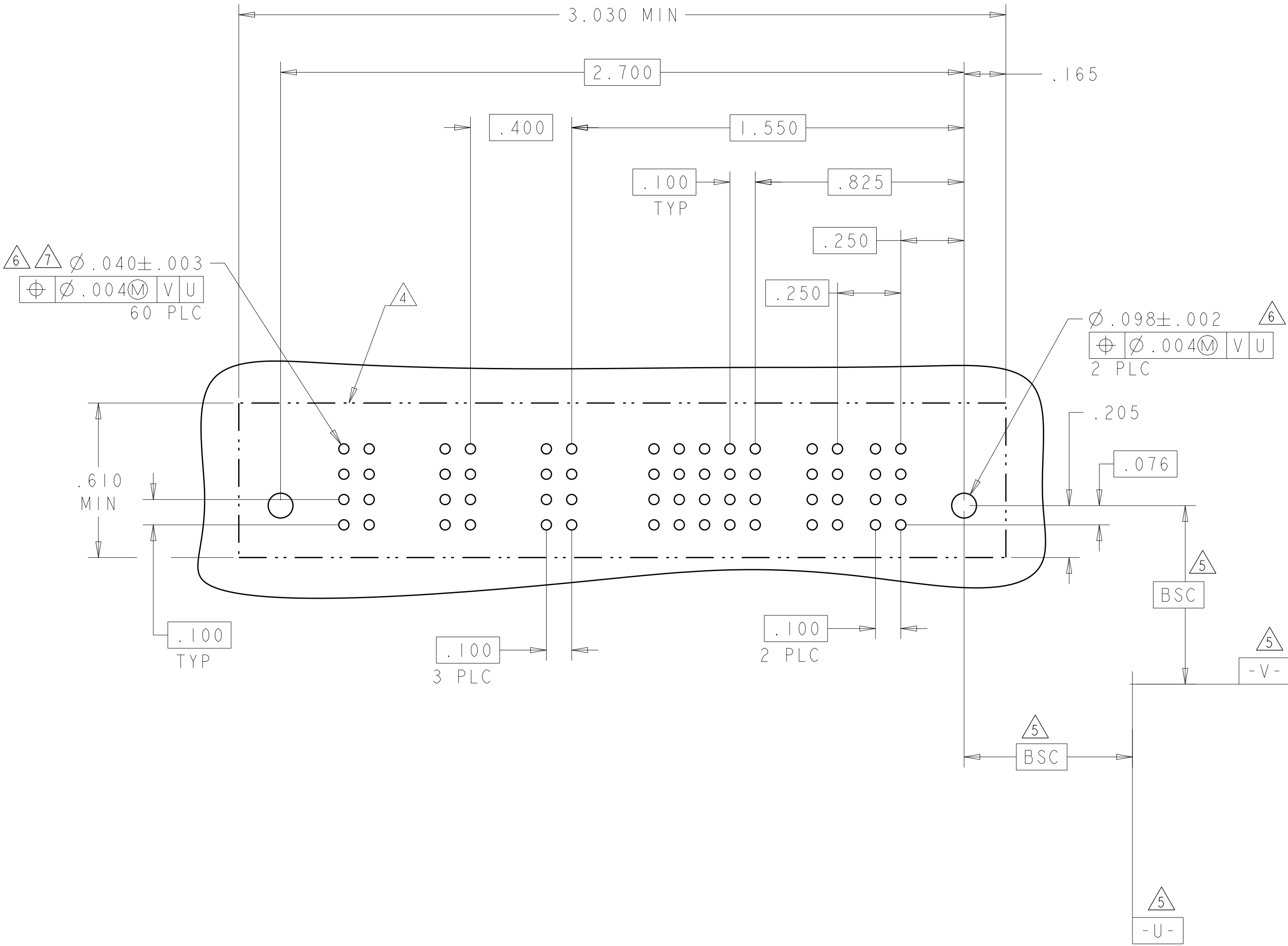
4805 (3/11)

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

PART NUMBER	ROWS		POWER						SIGNAL									
			P8	P7	P6	P5	P4	P3	4	3	2	3	2	1			P2	P1
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		HD																HD

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 VERTICAL RECEPTACLE ASSEMBLY WITH GUIDES MULTI-BEAM XL
	0 PLC ±.01		PRODUCT SPEC 108-1973	
	1 PLC ±.01		APPLICATION SPEC 114-13038	
	2 PLC ±.005		WEIGHT -	
	3 PLC ±.0020		CUSTOMER DRAWING	
4 PLC ±.0020				
ANGLES #2°		SCALE 1:1 SHEET 12 OF 12 REV G5		
FINISH -				
MATERIAL -			SIZE A1 CAGE CODE 6450150	RESTRICTED TO -

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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