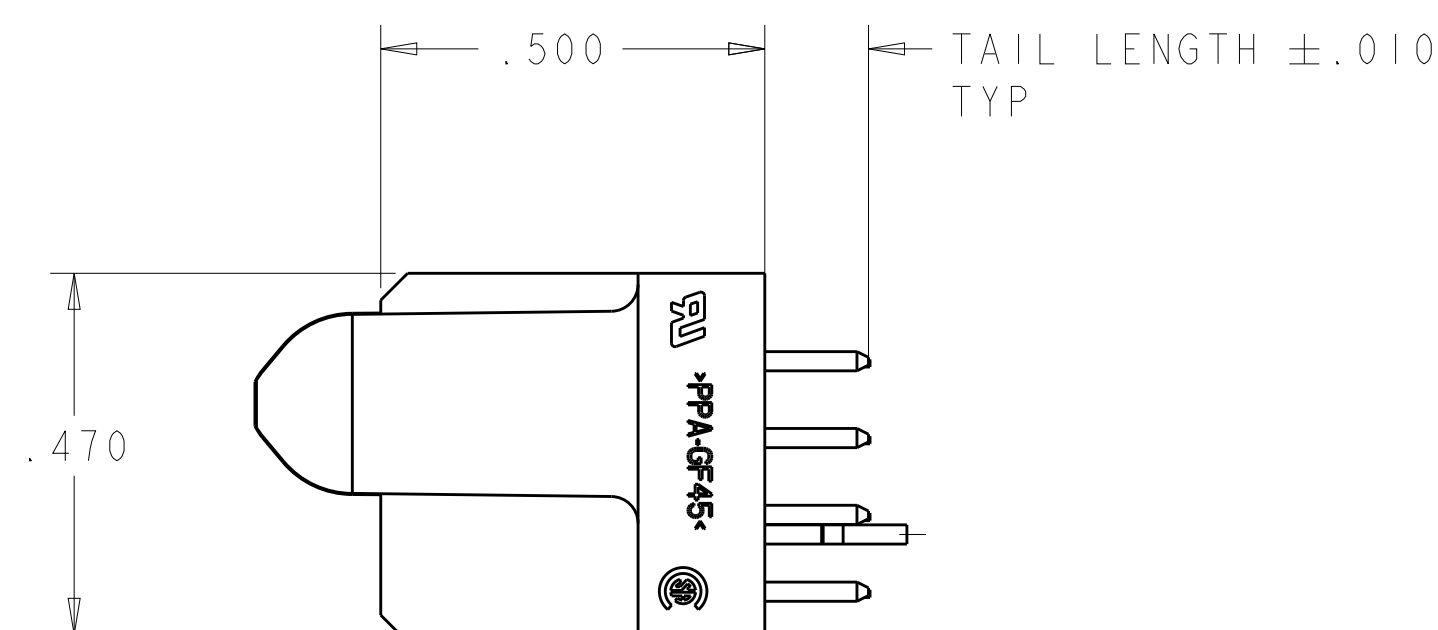
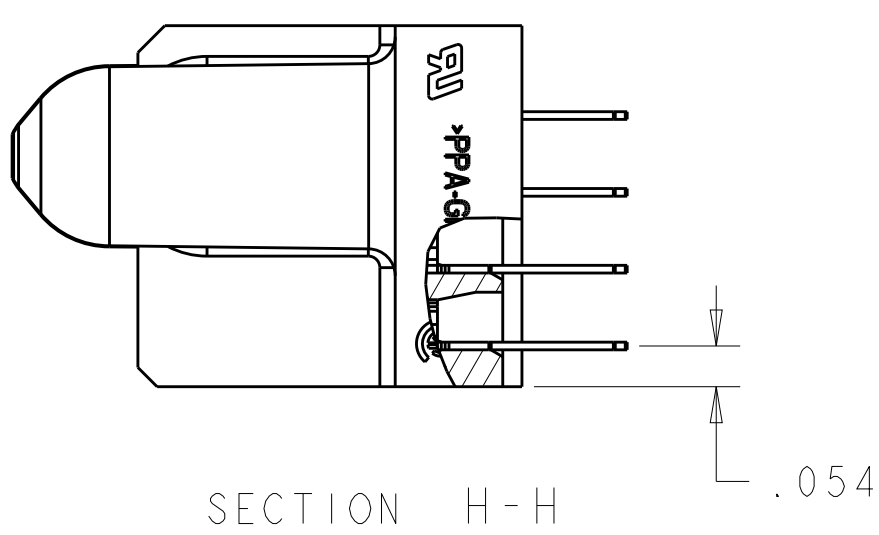
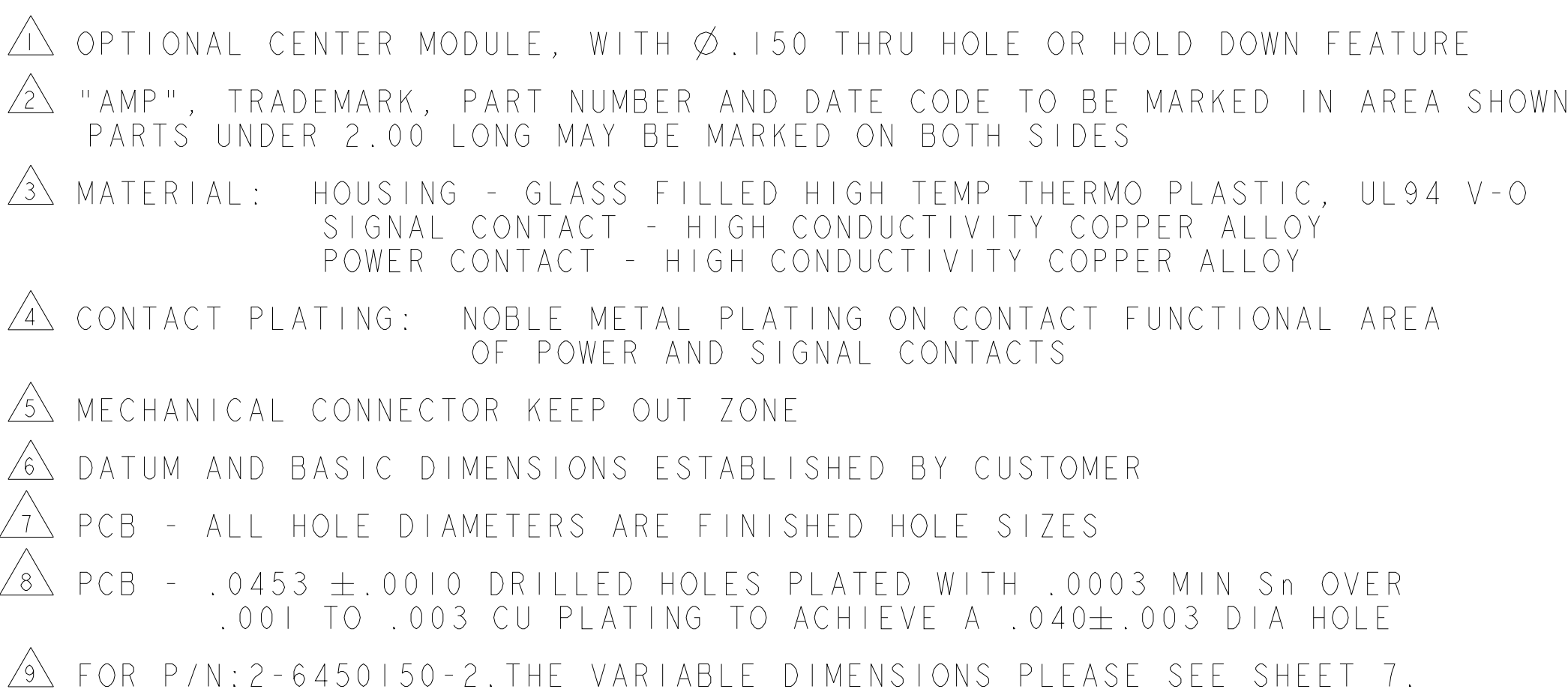


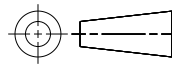
4805 (3/11)

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 ±.01

2 PLC ±.01

3 PLC ±.005

4 PLC ±.0020

ANGLES ±2°

FINISH

-

DWN R.GRZYBOWSKI 16FEB05

CHK M.PERCHEKKE 16FEB05

APVD M.PERCHEKKE -

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 -

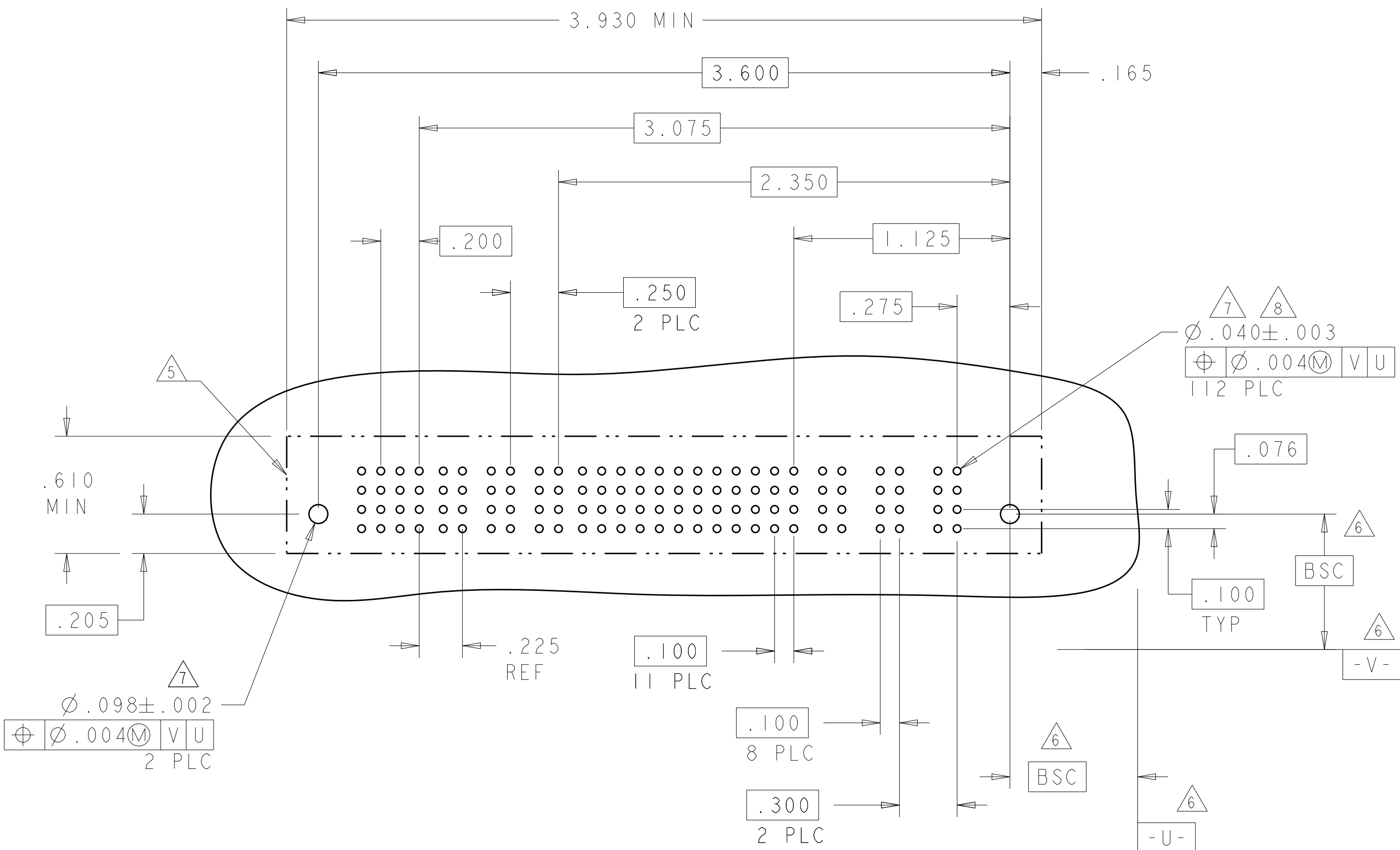
SCALE 1:1

SHEET 2 OF 12

REV G5

TE Connectivity

PART NUMBER	ROWS		POWER (L)					SIGNAL											POWER (R)			
			P8	P7	P6	P5	P4	12	11	10	9	8	7	6	5	4	3	2	1	P3	P2	
6450150-2	D C B A	 	 	 	 	 	 	 	 	 	 	 	 	 	 	 	 	 	 	 	 	
3ACP + 48S + 5P																						

[illegible]

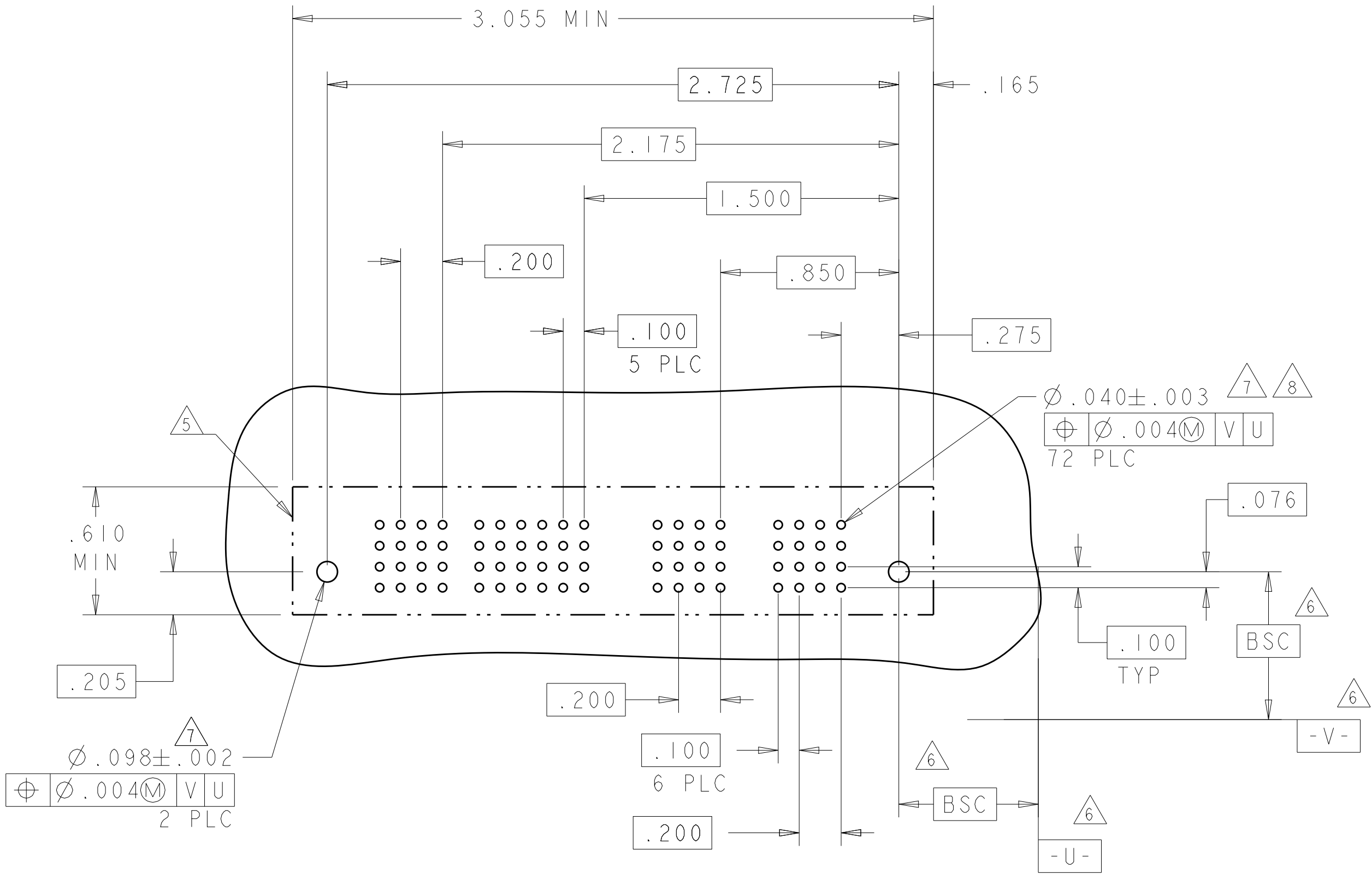
VN	.090	STD		
VM	.135	STD		
VB	.090	MFB	J	.090
VA	.135	MFB	E	.135
CODE	TAIL LENGTH	DESCRIPTION	CODE	TAIL LENGTH
POWER CONTACTS			SIGNAL CONTACTS	

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN R. GRZYBOWSKI 16FE005		 TE Connectivity	
		CWP M. PERCHERKE 16FE005			
DIMENSIONS: INCHES		TOLERANCES, UNLESS OTHERWISE SPECIFIED:		NAME VERTICAL RECEPTACLE ASSEMBLY WITH GUIDES MULTI-BEAM XL	
		FINISH 0 P.LC ±.01 1 P.LC ±.01 2 P.LC ±.005 3 P.LC ±.0020 4 P.LC ±.0020 ANGLES ±.02			
		PRODUCT SPEC 108-1973			
		APPLICATION SPEC 114-13038			
		WEIGHT -			
MATERIAL -		FINISH -		SIZE CASE CODE, DRAWING NO A1 00779 C-6450150	
		CUSTOMER DRAWING		SCALE 1:1 SHEET 3 OF 12 REV G5	

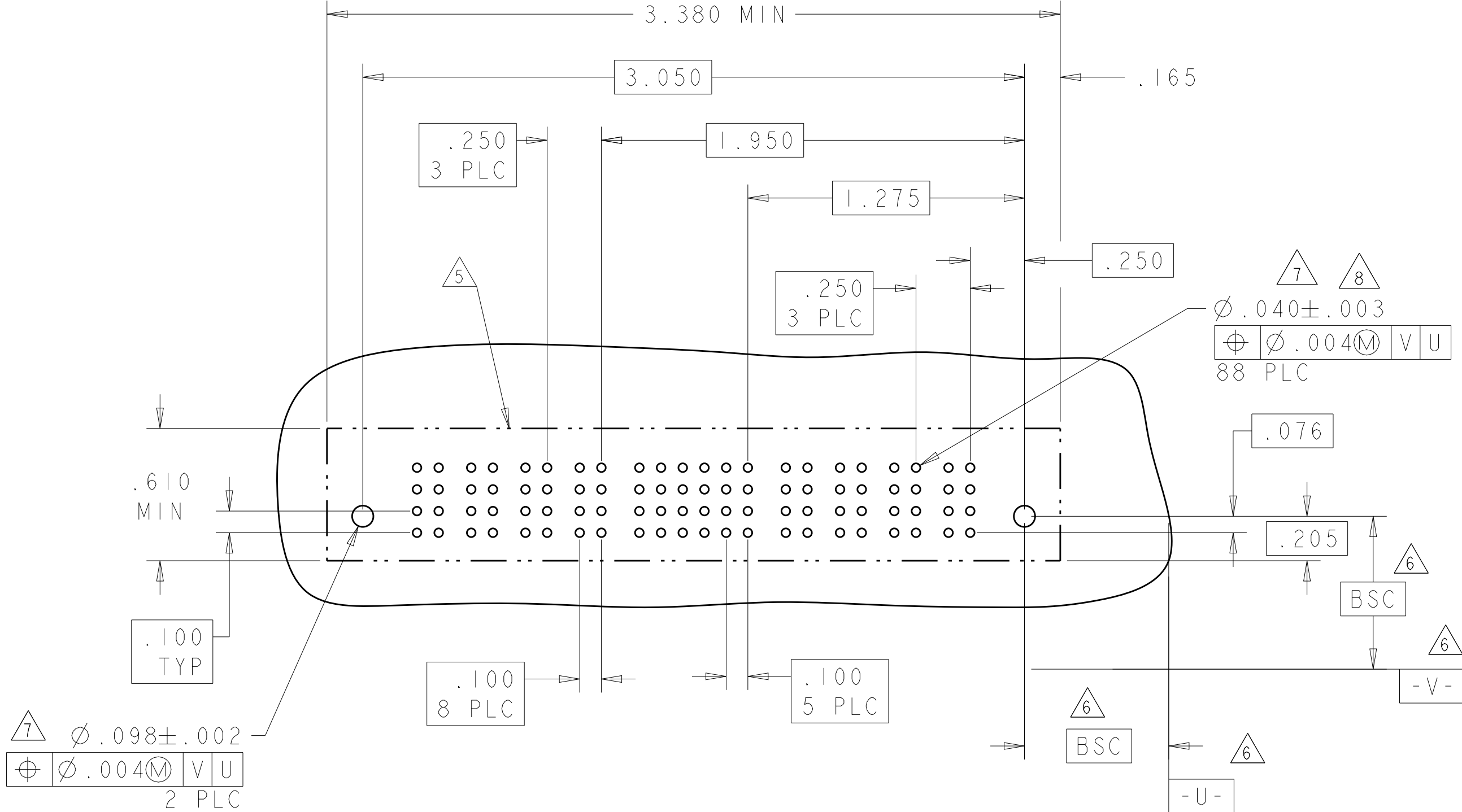
LOC		DIST		REVISIONS			
P	LYR	DESCRIPTION		DATE	DWN	APVD	
-	-	SEE SHEET 1		-	-	-	

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

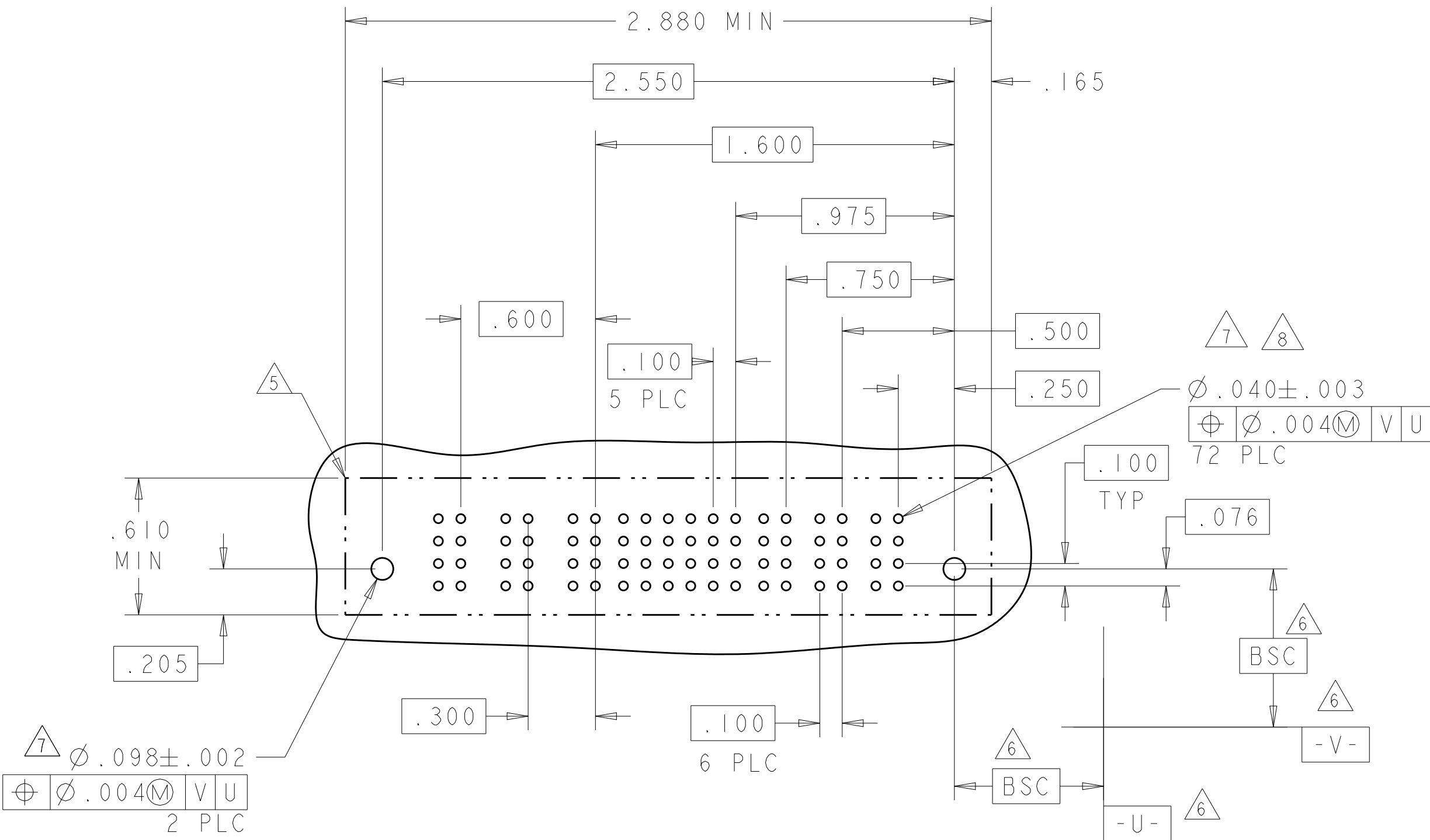
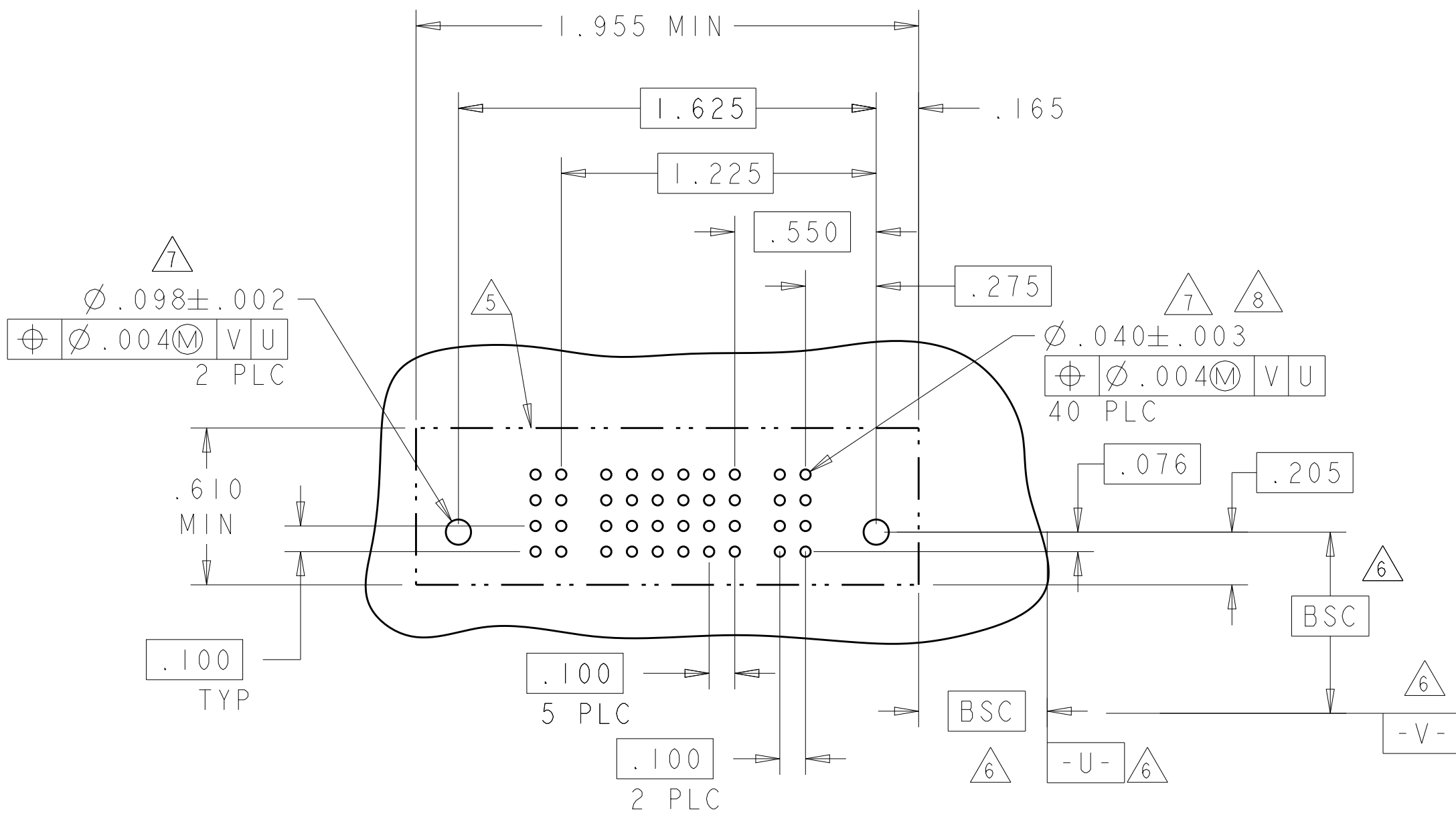
PART NUMBER	ROWS	POWER (L)					SIGNAL					POWER (R)					
		P8	P7	P6	P5	6	5	4	3	2	1	P4	P3	P2	P1		
6450150-6	D																
	C																
	B																
	A																
4P + 24S + 4P																	



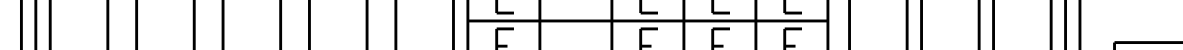
PART NUMBER	ROWS		POWER (L)					SIGNAL					POWER (R)					
			P6	P5	P4	6	5	4	3	2	1	P3	P2	P1				
6450150-5	D	C B A	VM	VM	VM	E	E	E	E	E	E	VM	VM	VA	HD			
	C																	
	B																	
	A																	
3P + 24S + 3ACP																		



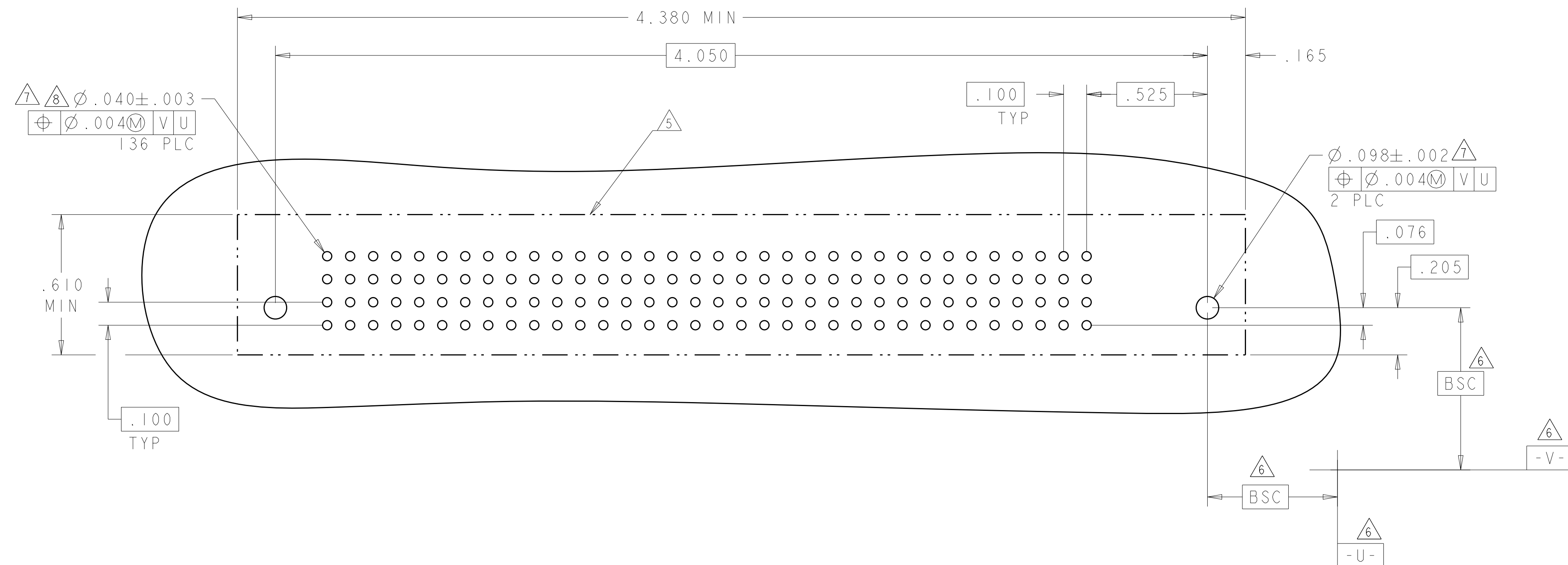
PART NUMBER	ROWS		POWER				SIGNAL				POWER		
			P2	6	5	4	3	2	1	P1			
6450150-8	D		VM	E	E	E	E	E	E	E	VA		
	C			E	E	E	E	E	E				
	B			E	E	E	E	E	E				
	A			E	E	E	E	E	E				
IP + 24S + IP													

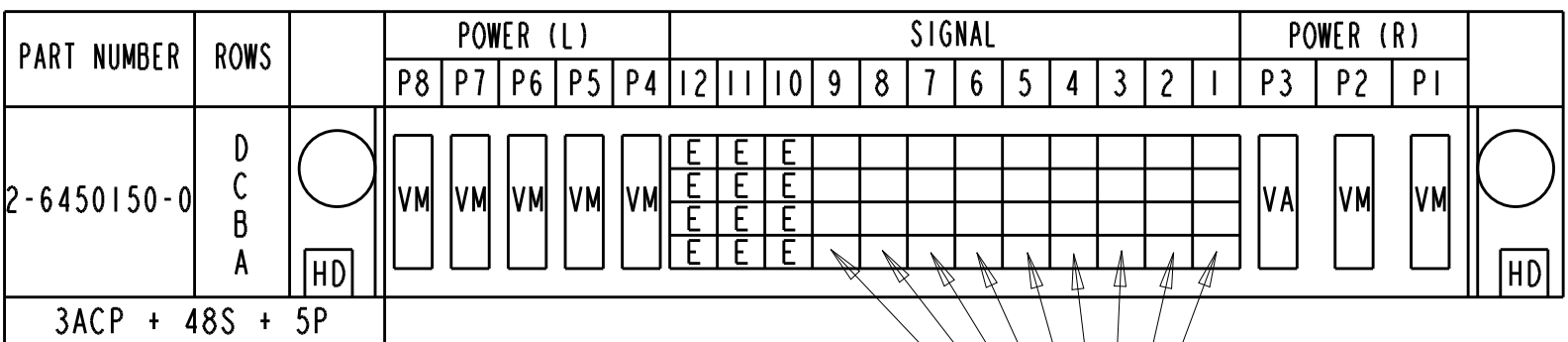
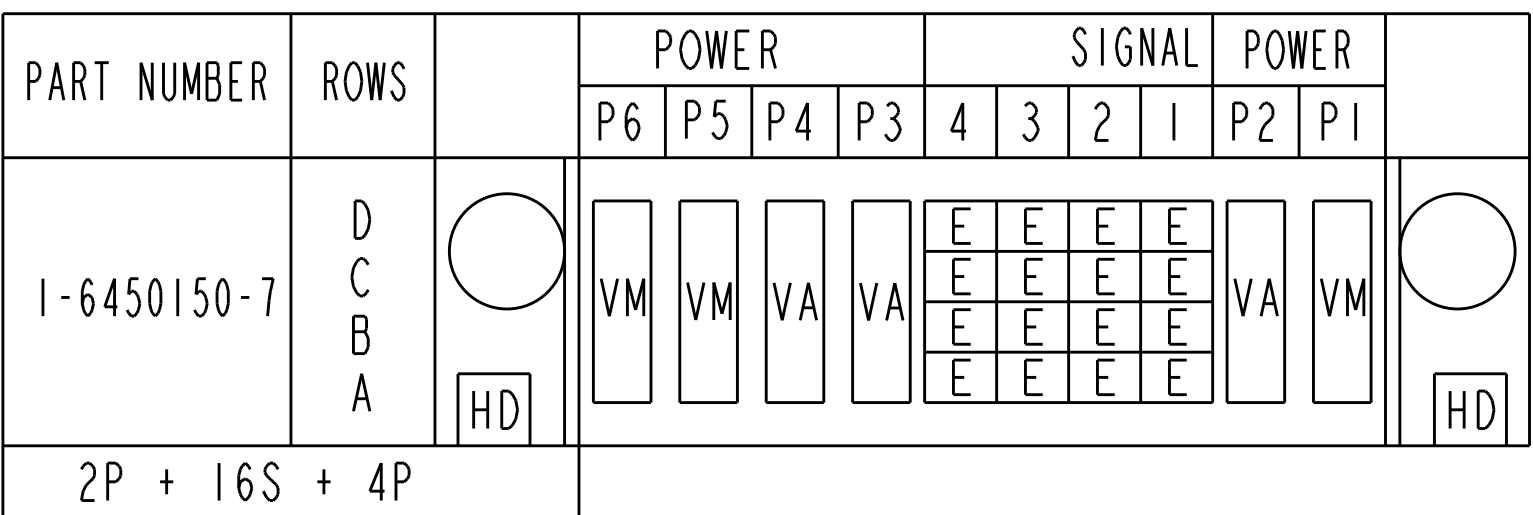


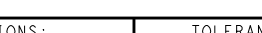
THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN R. GRZYBOWSKI 16FEB05	 TE Connectivity			
		CHK M. PERCHERKE 16FEB05				
DIMENSIONS: INCHES		APVD W. PERCHERKE	NAME	VERTICAL RECEPTACLE ASSEMBLY WITH GUIDES MULTI-BEAM XL		
		PRODUCT SPEC				
		108-1973				
		APPLICATION SPEC				
		114-13038				
MATERIAL		WEIGHT	SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
-		-	A1	100779	6450150	-
		CUSTOMER DRAWING	SCALE		1:1	SHEET 4 OF 12
						REV G5

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															
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
I-6450150-9	D C B A																																			
		HD																																	HD	
I48S																																				

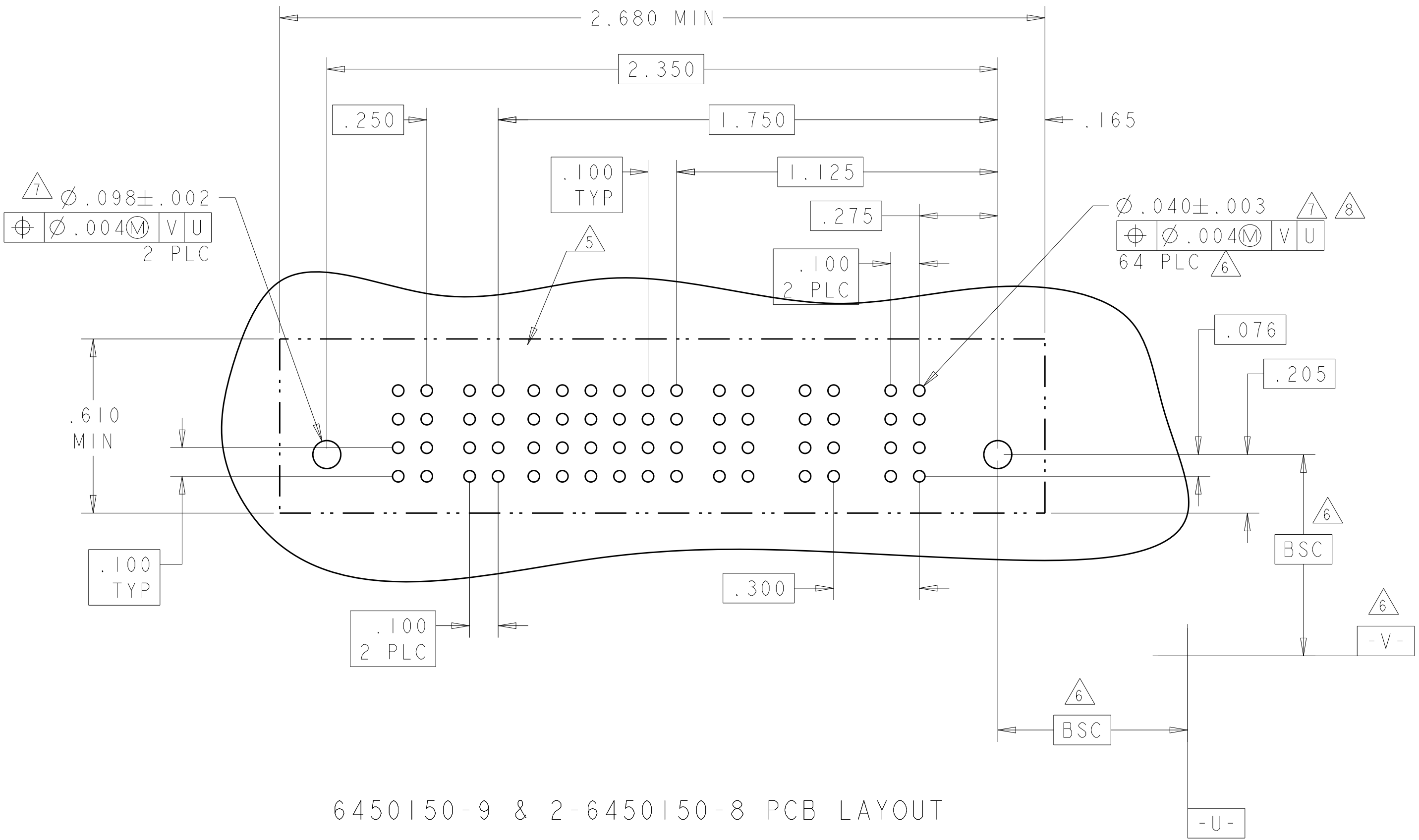
4805 (3/11)



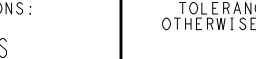
THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN. GRZYBOWSKI 16FEB05 CHK. M. PERCHERKE 16FEB05 APP. M. PERCHERKE		 TE Connectivity	
DIMENSIONS: INCHES		TOLERANCES UNLESS OTHERWISE SPECIFIED: DECIMALS: ± FRACTIONS: ±0.01 ANGLES: ±0°		NAME VERTICAL RECTEPCLE ASSEMBLY WITH GUARDS MULTI-BEAM XL	
		PRODUCT SPEC 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	 HD												 HD
														
														
														
														
3ACP+24S+2P														

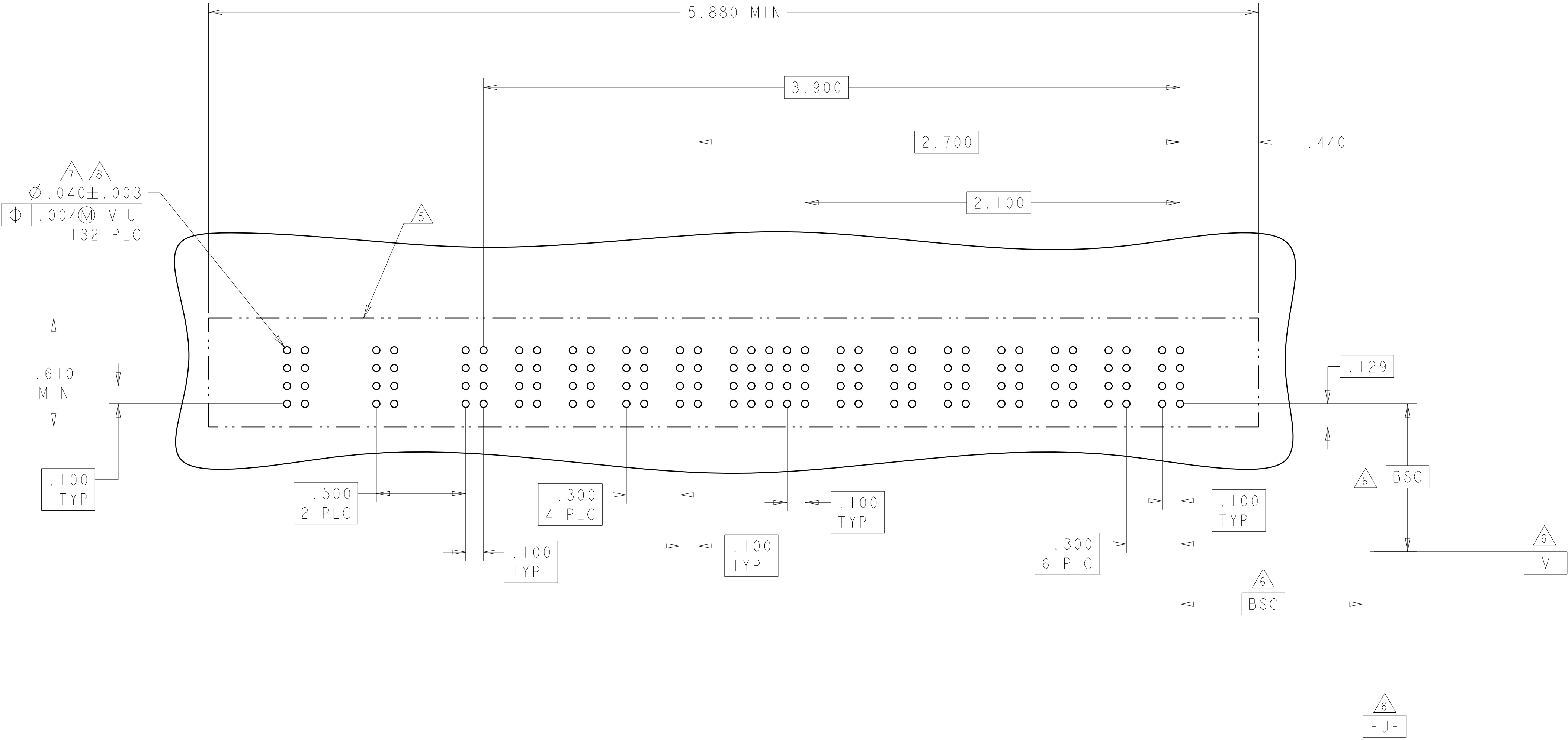
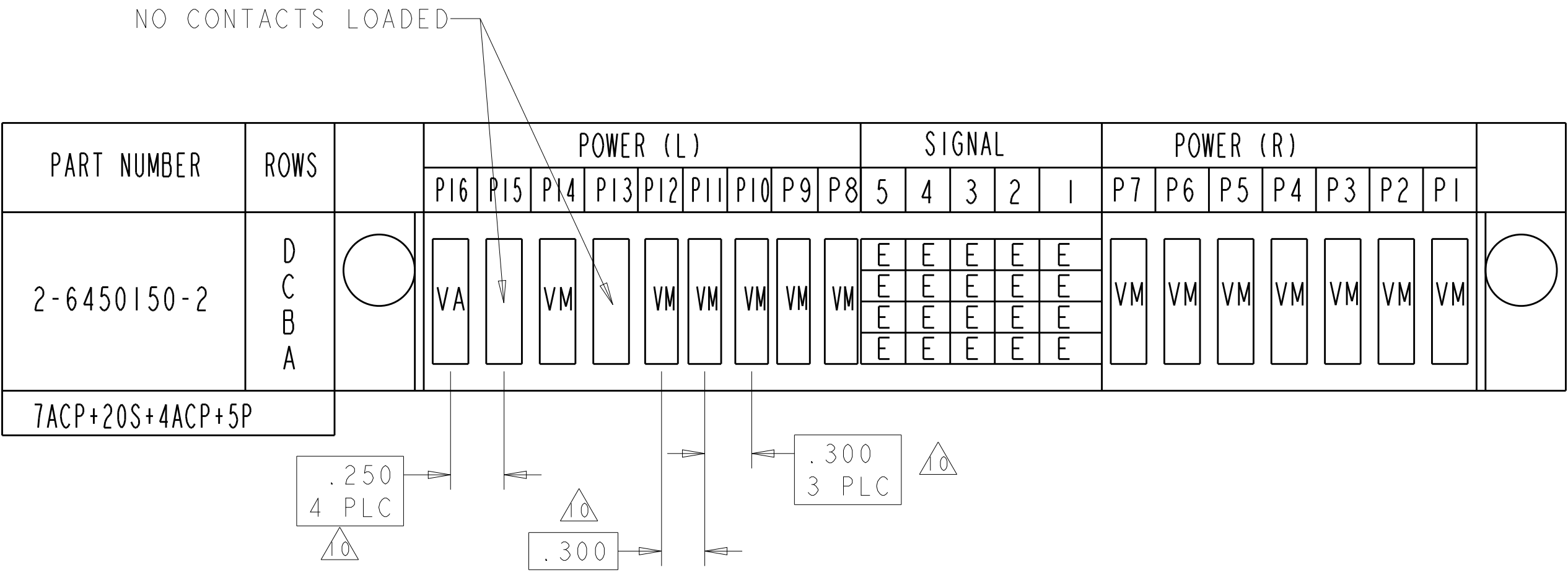
PART NUMBER	ROWS		POWER		SIGNAL							POWER				
			P5	P4	6	5	4	3	2	1	P3	P2	P1			
2-6450150-8	D C B A	 	 	 	E	E	E	E	E				V	A	  	 
3ACP+24S+2P																



6450150-9 & 2-6450150-8 PCB LAYOUT

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN - R. GRZYBOWSKI 16FEB05		 TE Connectivity	
		CHW - M. PERCHERKE 16FEB05			
DIMENSIONS: INCHES		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME	
		1 PLC ±		M. PERCHERKE	
		1 PLC ±		APVD -	
		2 PLC ±.01		PRODUCT SPEC	
		3 PLC ±.005		108-1973	
4 PLC ±.0020		APPLICATION SPEC		VERTICAL RECEPTACLE ASSEMBLY WITH GUIDES MULTI-BEAM XL	
ANGLES ±°		114-13038		SIZE CASE CODE DRAWING NO	
FINISH		WEIGHT -		A 100779 ©=6450150	
MATERIAL				RESTRICTED TO	
				-	
				SCALE 1:1 SHEET 7 OF 12 REV G5	
		CUSTOMER DRAWING			

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



THIS DRAWING IS A CONTROLLED DOCUMENT.

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

16FEB05
16FEB05
-

DIMENSIONS:
INCHES

MATERIAL
-

TOLERANCES UNLESS
OTHERWISE SPECIFIED:

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

WEIGHT
-

CUSTOMER DRAWING

PRODUCT SPEC
108-1973
APPLICATION SPEC
114-13038

SIZE
A1

CAGE CODE
00779

DRAWING NO
C=6450150

SCALE
1:1

SHEET
8

OF
12

REV
G5

TE Connectivity

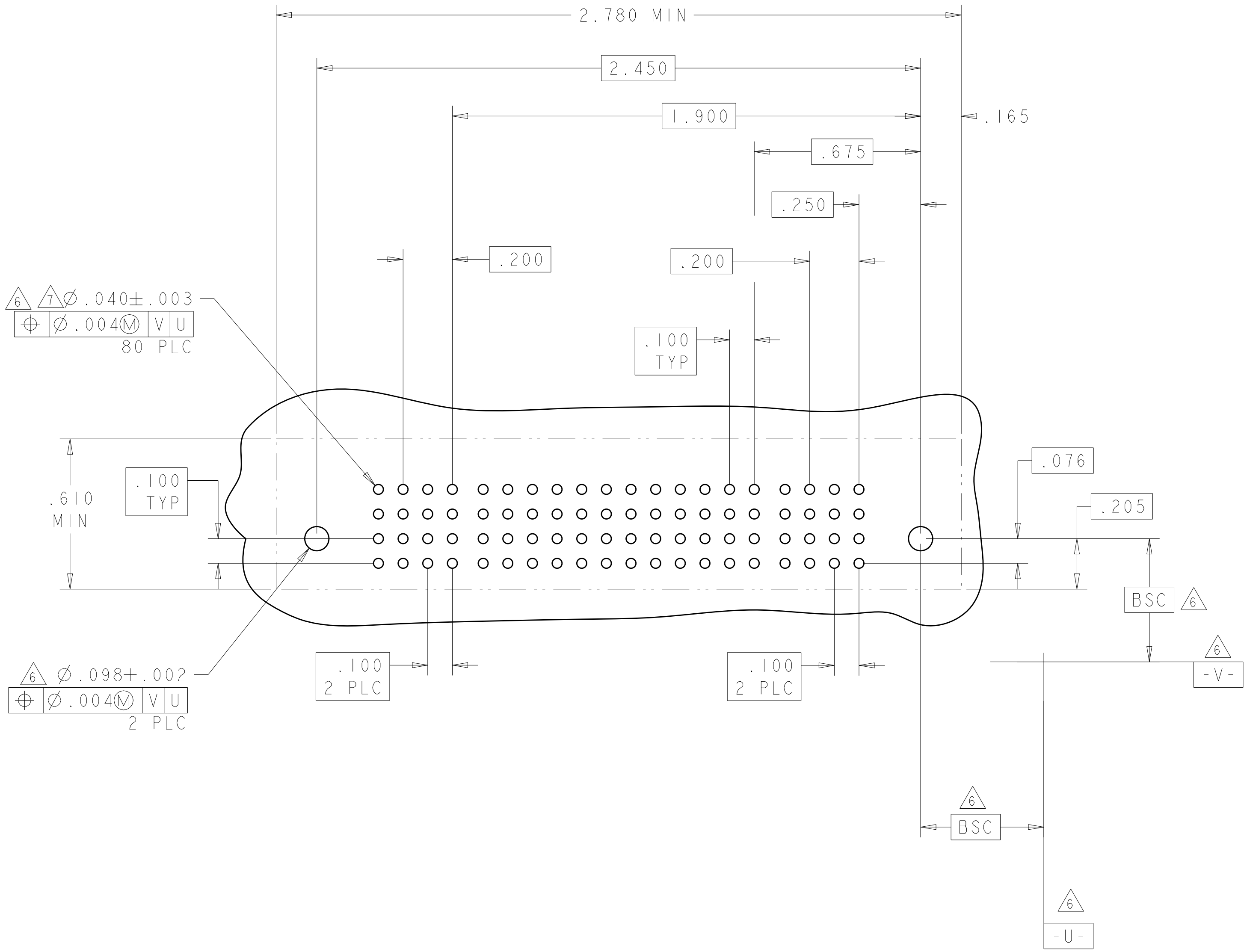
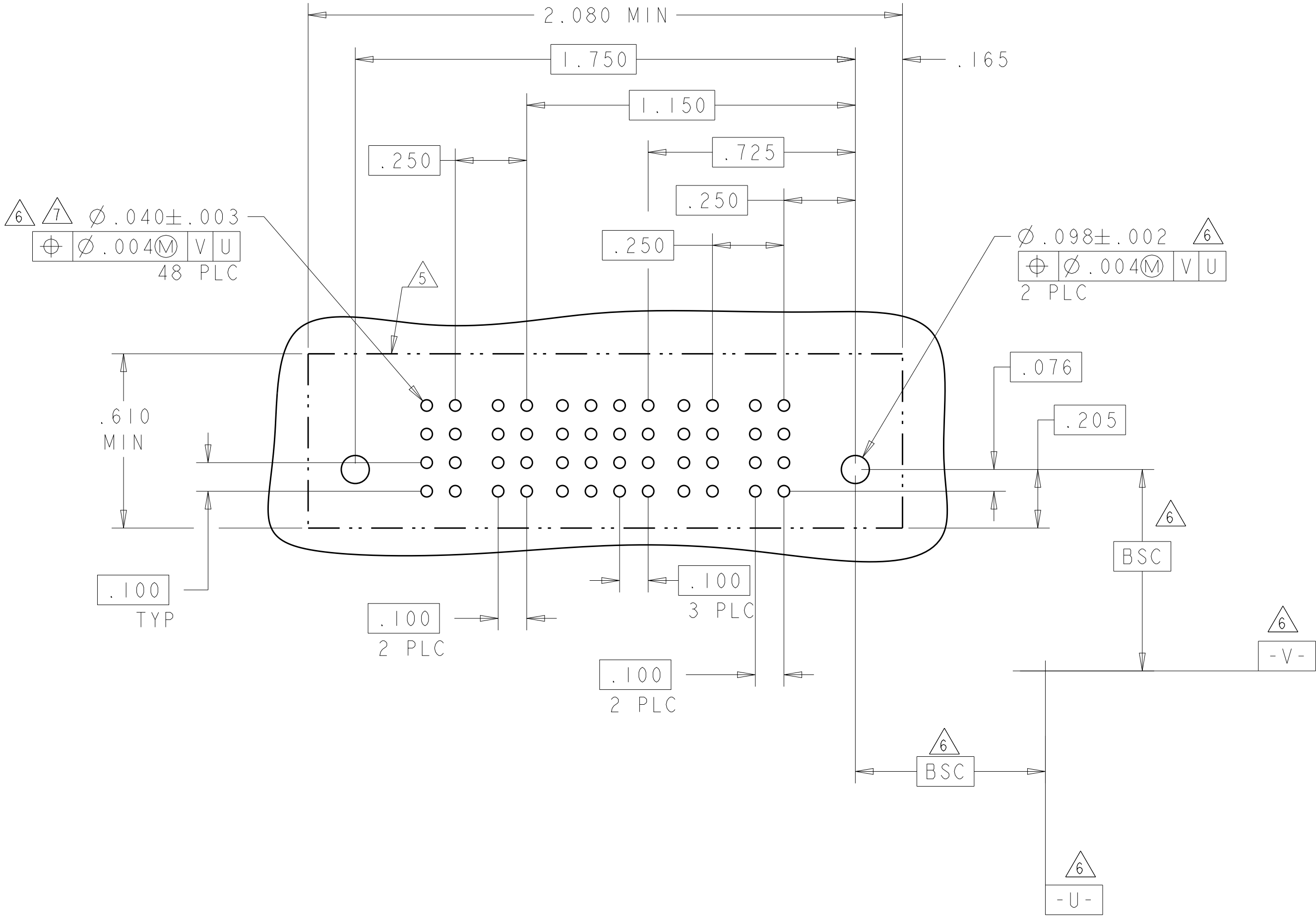
VERTICAL RECEPTACLE ASSEMBLY
WITH GUIDES
MULTI-BEAM XL

RESTRICTED TO
-

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				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
-

TE Connectivity

SCALE
1:1

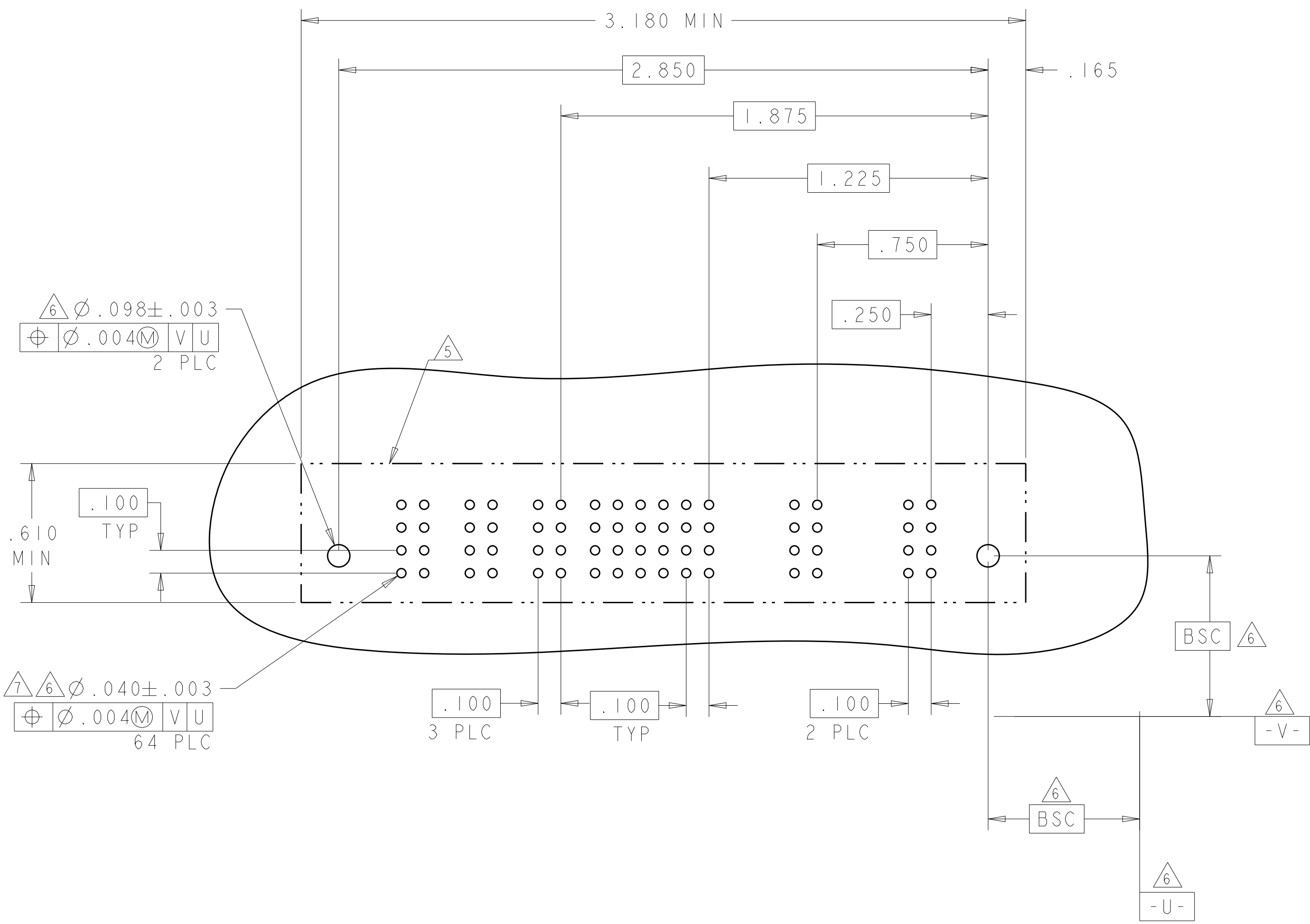
SHEET
9

OF
12

REV
G5

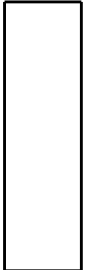
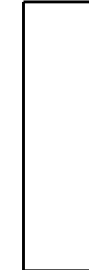
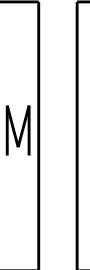
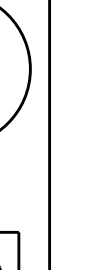
PART NUMBER	ROWS		POWER (L)			SIGNAL							POWER (R)				
			P7	P6	P5	6	5	4	3	2	1	P4	P3	P2	P1		
2-6450150-6	D																
																	
																	
																	
4P + 24S + 3ACP																	

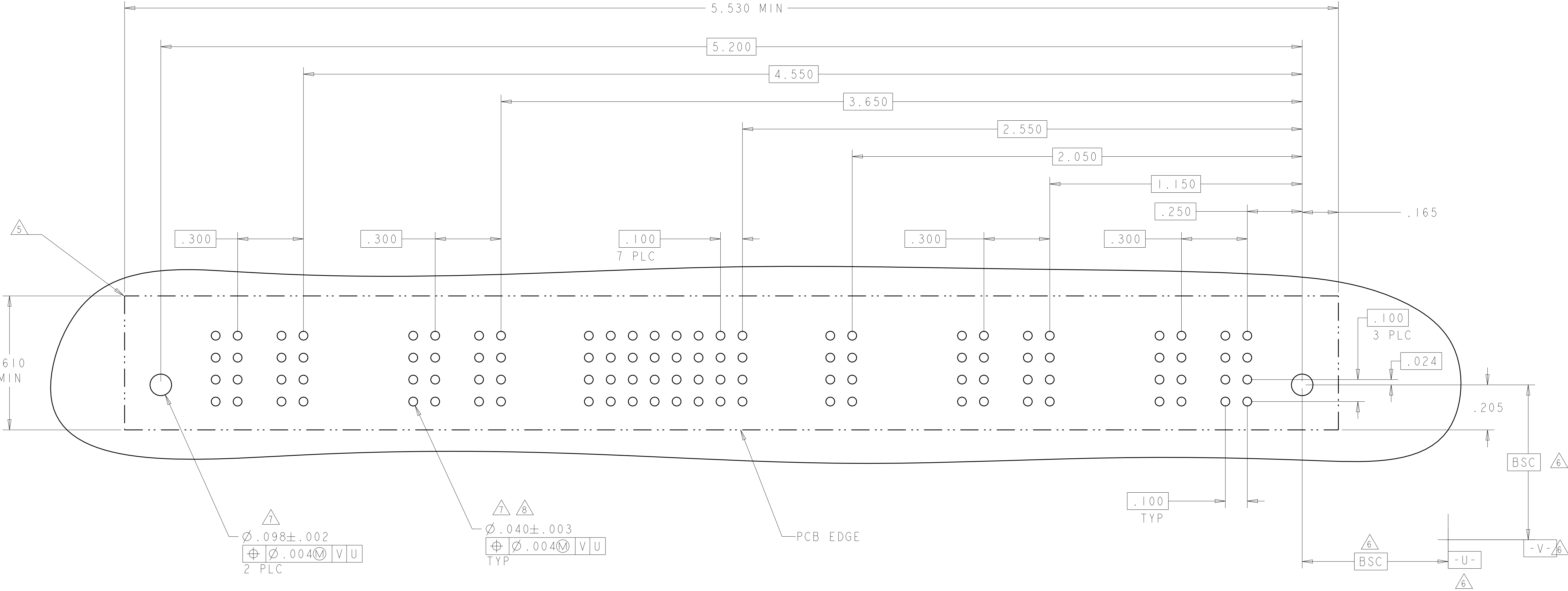
FI

4805 (3/11)

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

G1

PART NUMBER	ROWS		POWER (L)						SIGNAL								POWER (R)									
			PI 4	PI 3	PI 2	PI 1	PI 0	P 9	8	7	6	5	4	3	2	1	P 8	P 7	P 6	P 5	P 4	P 3	P 2	P 1		
2-6450150-7	D C B A	 HD	 VM	 VM		 VM	 VM		 E	 E	 E	 E	 E	 E	 E	 E		 VA		 VM	 VM		 VM	 VM	 HD	
									 E	 E	 E	 E	 E	 E	 E	 E										
									 E	 E	 E	 E	 E	 E	 E	 E										
									 E	 E	 E	 E	 E	 E	 E	 E										
8ACP + 32S + 6ACP																										



THIS DRAWING IS A CONTROLLED DOCUMENT.

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

16FEB05
16FEB05

DIMENSIONS:
INCHES

TOLERANCES UNLESS
OTHERWISE SPECIFIED:

0 PLC ±.01
1 PLC ±.01
2 PLC ±.01
3 PLC ±.005
4 PLC ±.002
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

6450150

RESTRICTED TO

-

SCALE

1:1

SHEET

11

OF

12

REV

G5

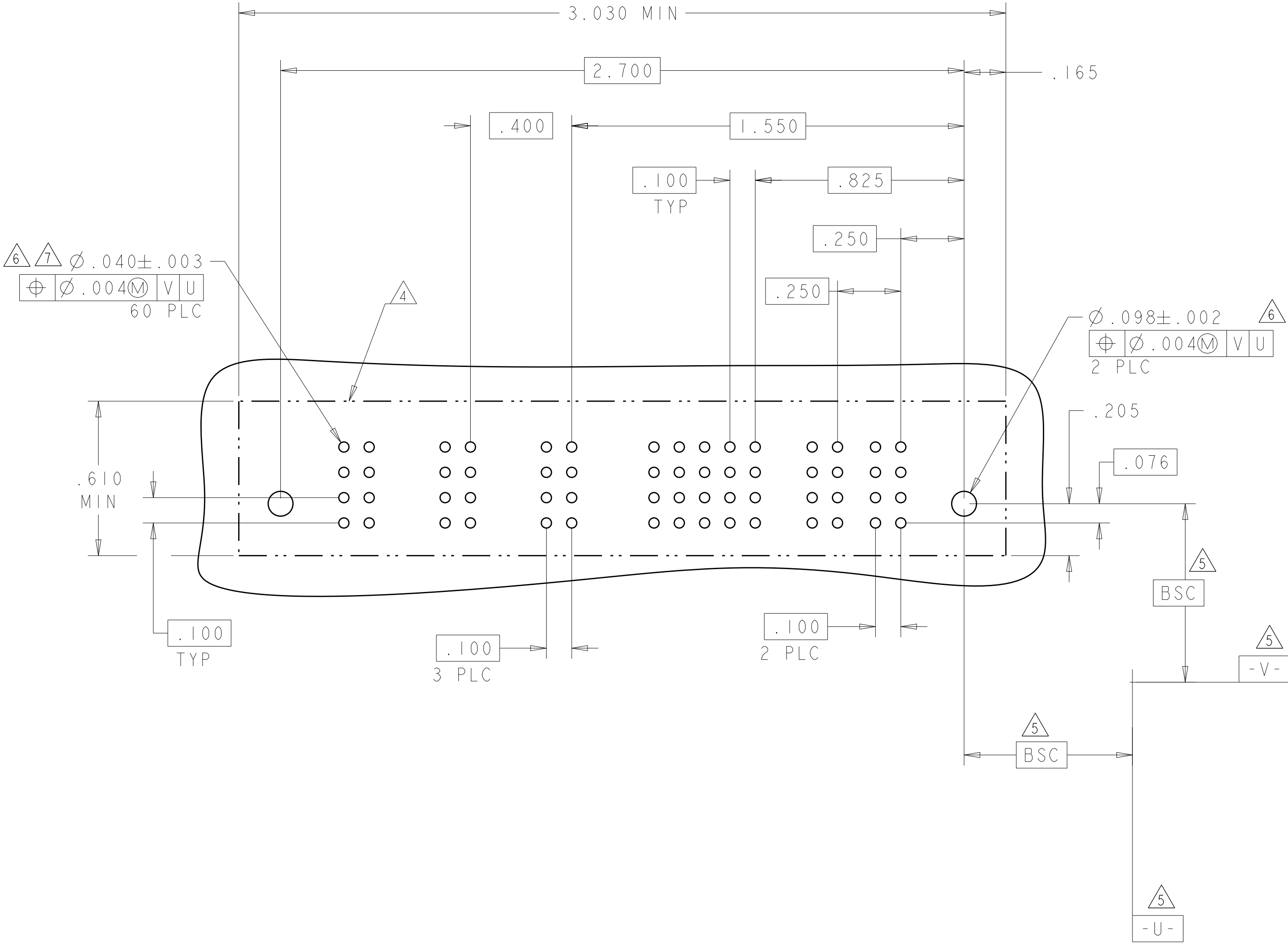
TE Connectivity

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
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	
		CHK M.PERCHEKKE 16FEB05		
DIMENSIONS:		APVD M.PERCHEKKE -	NAME	
INCHES		PRODUCT SPEC		
		108-1973	APPLICATION SPEC	
		114-13038		
MATERIAL		WEIGHT	SIZE	
			CAGE CODE	
			DRAWING NO	
			RESTRICTED TO	
			A100779C=6450150	
			CUSTOMER DRAWING	
			SCALE 1:1	
			SHEET 12 OF 12	
			REV G5	