

LOC	DIST	REVISIONS					
		P	LTR	DESCRIPTION	DATE	DWN	APVD
GP	00		E8	RELEASE 2-3	10AUG2014	CZ	SZ
			E9	ADD NEW DASH NUMBER 3-0	19AUG2014	CZ	SZ

1 "AMP" TRADEMARK, PART NUMBER, AND DATE CODE TO BE MARKED IN AREA SHOWN

2 MATERIAL:
HOUSING - GLASS FILLED HIGH TEMP THERMO PLASTIC, 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.

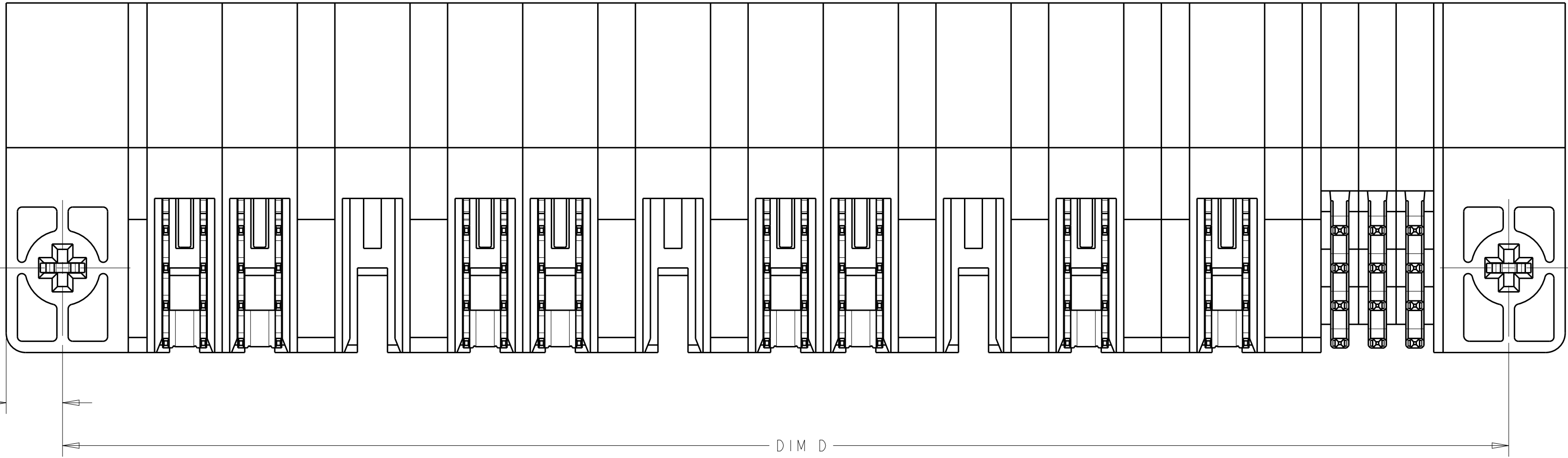
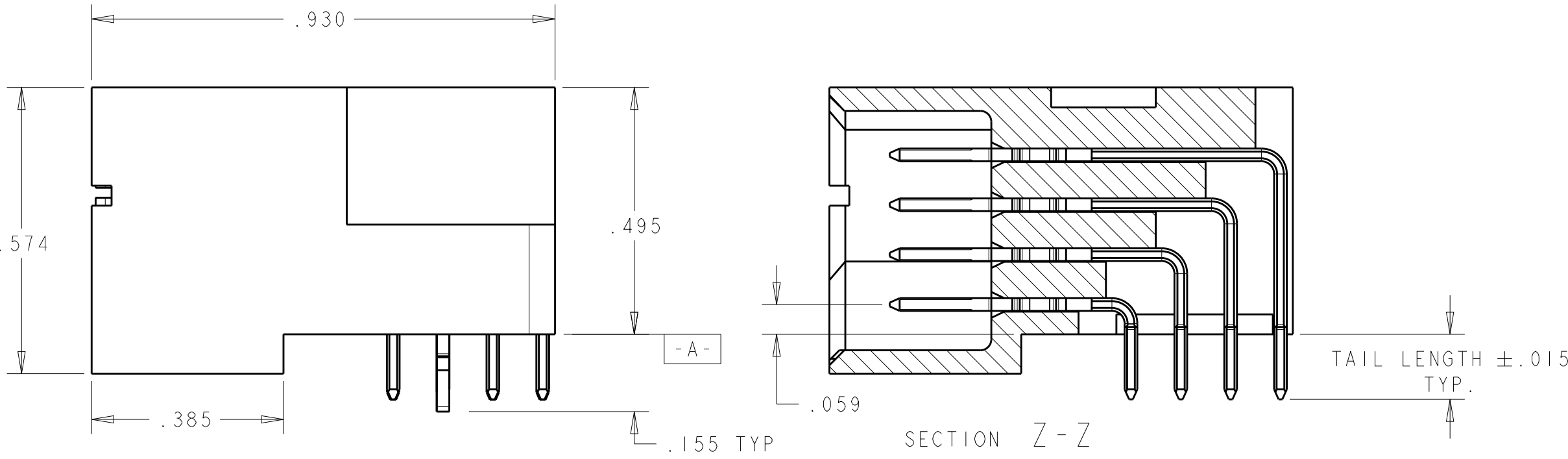
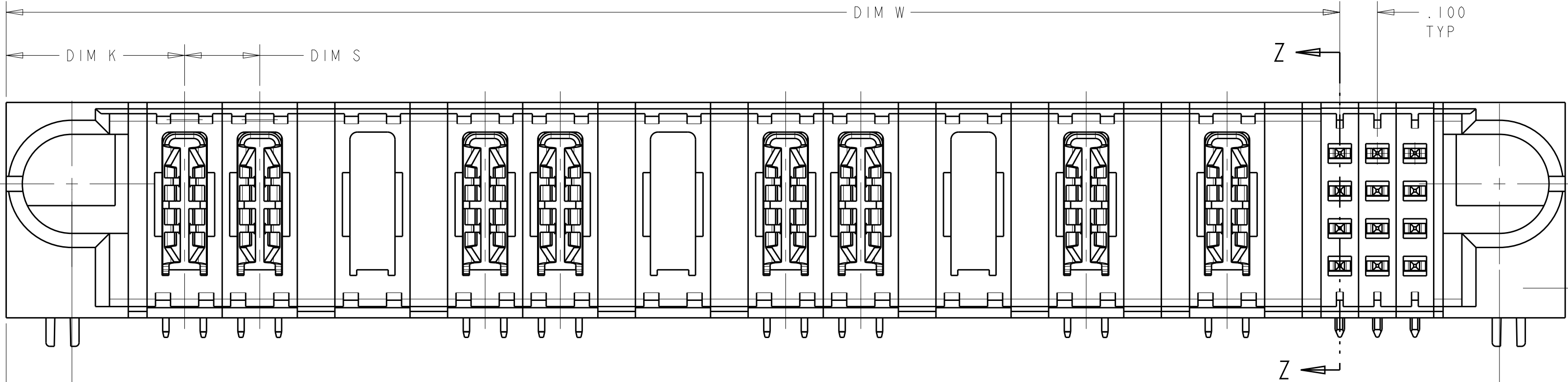
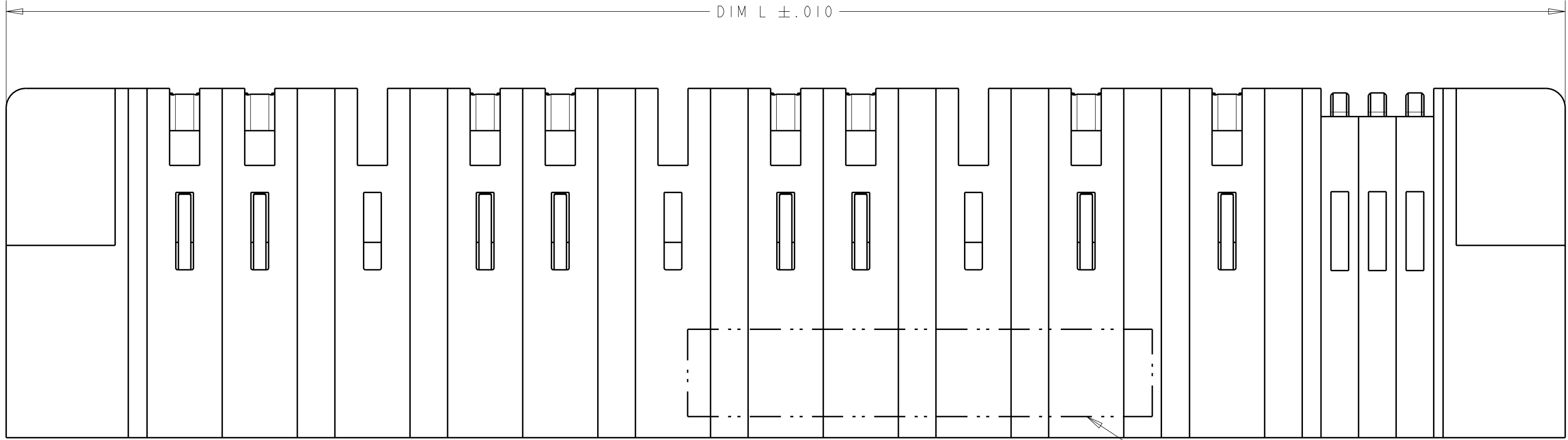
5 DATUM AND BASIC DIMENSIONS ESTABLISHED BY CUSTOMER.

6 PCB - ALL HOLES DIAMETERS ARE FINISHED HOLE SIZES.

7 PCB - .0453±.0010 DRILLED HOLES PLATED WITH .0003 MIN. Sn OVER .001 TO .003 CU PLATING TO ACHIEVE A .040±.003 DIA HOLE.

8 NOT RELEASED FOR PRODUCTION

9 VARIABLE DIMENSIONS SHOWN ON VIEW (SHEET 2)



THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN R.GRZYBOWSKI CHK M.PERCHERKE APVD M.PERCHERKE	02FEB05 02FEB05	TE Connectivity	
DIMENSIONS: INCHES	TOLERANCES UNLESS OTHERWISE SPECIFIED:	PRODUCT SPEC	NAME	RIGHT ANGLE HEADER ASSY W/GUIDES MULTI-BEAM XL	
	0 PLC ±" 1 PLC ±.01 2 PLC ±.01 3 PLC ±.005 4 PLC ±.0020 ANGLES #2 FINISH #3	108-1973 APPLICATION SPEC	SIZE	CAGE CODE	DRAWING NO
MATERIAL		114-13038	A100779	6450122	RESTRICTED TO
		WEIGHT			
		CUSTOMER DRAWING			
		SCALE	4:1	SHEET	1 OF 10
		REV	E9		

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

E9	1.700	.250	1.375	1.750	.450	2.050	4P + 16S	3-6450122-0
	2.400	.250	1.875	2.450	.450	2.750	6P + 24S	2-6450122-9
	1.300	.250	1.175	1.350	.450	1.650	3P + 8S	2-6450122-8
	2.050	.250	1.925	2.100	.450	2.400	6P + 8S	2-6450122-7
8	4.425	.200	2.200	4.475	.450	4.775	9P + 92S	2-6450122-6
	2.900	.250	2.375	2.950	.450	3.250	8P + 24S	2-6450122-5
	2.700	.250	.875	2.750	.450	3.050	2P + 76S	2-6450122-4
	2.300	.250	1.875	2.350	.450	2.650	6P + 20S	2-6450122-3
8	3.200	.250	2.875	3.250	.450	3.550	10P + 16S	2-6450122-2
	1.650	.200	1.225	1.700	.450	2.000	4P + 20S	2-6450122-1
	2.950	.200	2.425	3.000	.450	3.300	10P + 24S	2-6450122-0
	1.800	.250	1.375	1.850	.450	2.150	4P + 20S	1-6450122-9
8	2.250	.250	1.975	2.300	.475	2.600	6P + 12S	1-6450122-7
	1.000	.250	.875	1.050	.450	1.350	2P + 8S	1-6450122-6
	1.850	.300	1.325	1.900	.475	2.200	3ACP + 24S	1-6450122-2
	5.900	.250	5.375	5.950	.450	6.250	20P + 24S	1-6450122-1
8	1.400	.250	.875	1.450	.450	1.750	2P + 24S	1-6450122-0
	3.050	.250	2.125	3.100	.450	3.400	7P + 40S	6450122-8
	4.425	.250	3.875	4.475	.450	4.775	14P + 24S	6450122-6
	3.800	9 -	3.550	3.850	.475	4.150	11P + 12S	6450122-3
9	4.600	.250	3.875	4.650	.450	4.950	14P + 32S	6450122-2
	3.800	9 -	3.550	3.850	.475	4.150	11P + 12S	6450122-1
	DIM U	DIM S	DIM W	DIM D	DIM K	DIM L	DESCRIPTION	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:

INCHES

MATERIAL

-

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC ±"

1 PLC ±.01

2 PLC ±.005

3 PLC ±.0020

4 PLC ±.0020

ANGLES #2

FINISH -

WEIGHT

-

DWN R.GRZYBOWSKI 02FEB05

CHK M.PERCHERKE 02FEB05

APVD M.PERCHERKE -

PRODUCT SPEC 108-1973

APPLICATION SPEC 114-13038

CUSTOMER DRAWING

NAME

TE Connectivity

RIGHT ANGLE HEADER ASSY W/GUIDES MULTI-BEAM XL

SIZE A100779

CAGE CODE 6450122

DRAWING NO

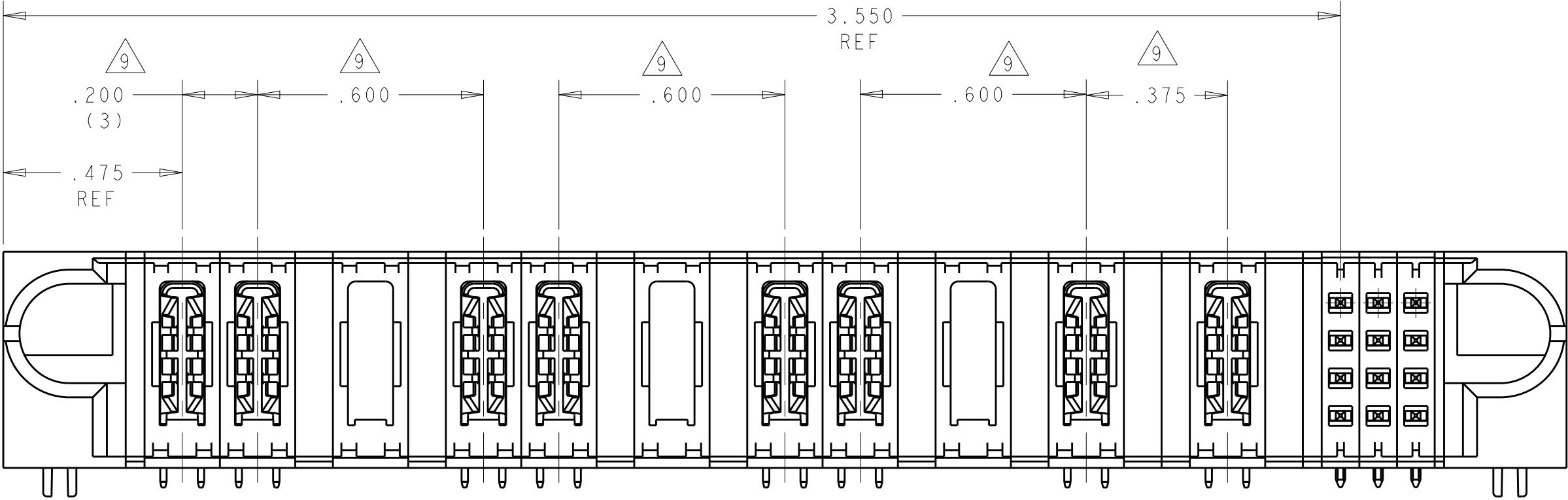
RESTRICTED TO -

SCALE 4:1

SHEET 2 OF 10

REV E9

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



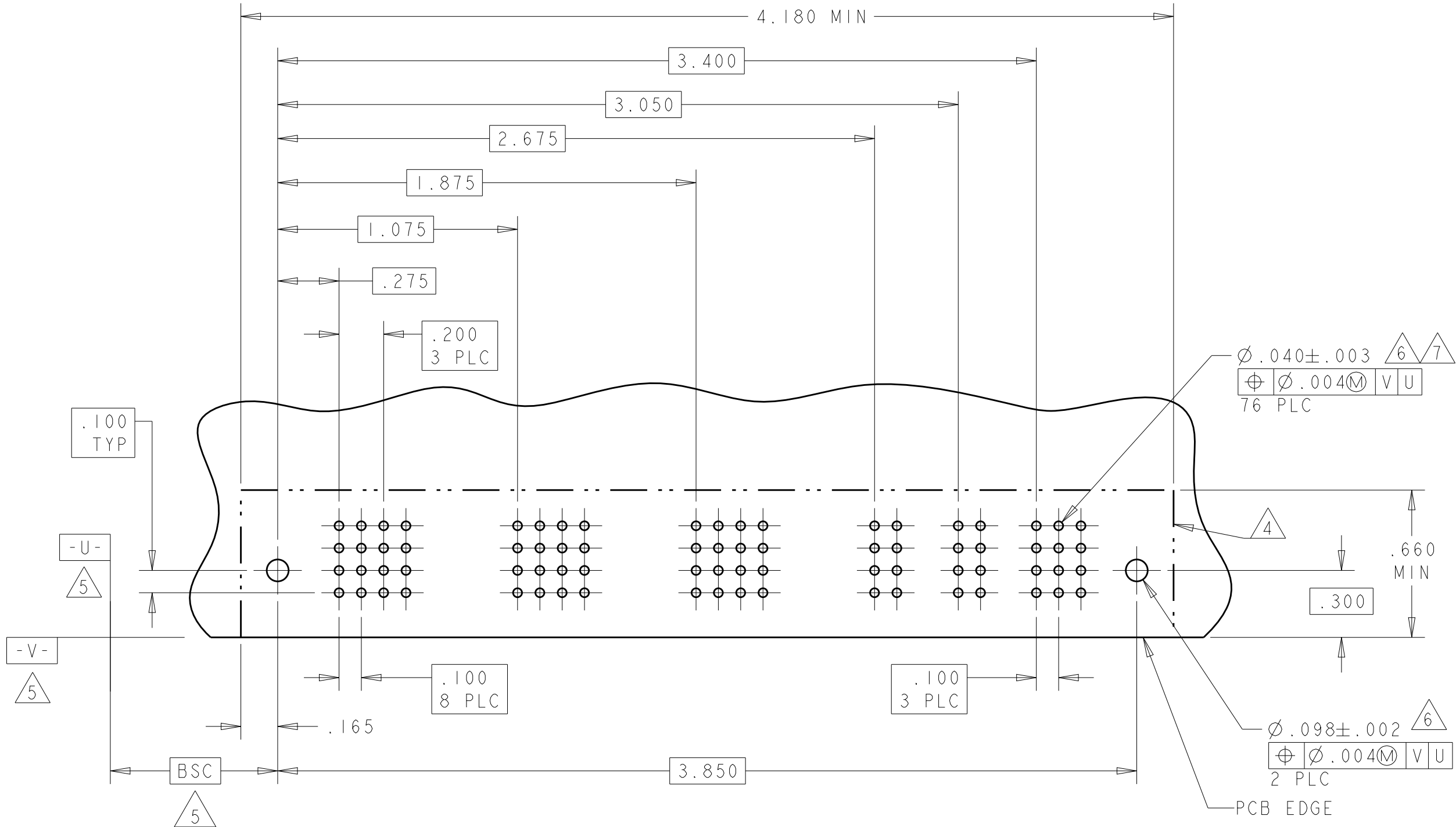
SCALE 3:1

PART NUMBER	ROWS		POWER											SIGNAL			
			P1	P2	P3	P4	P5	P6	P7	P8	P9	P10	P11	I	2	3	
6450122-1	D C B A		PM	PM		PM	PM		PM	PM		PM	PM	J	J	J	
														K	K	K	
														N	N	N	
														S	S	S	
11P + 12S																	

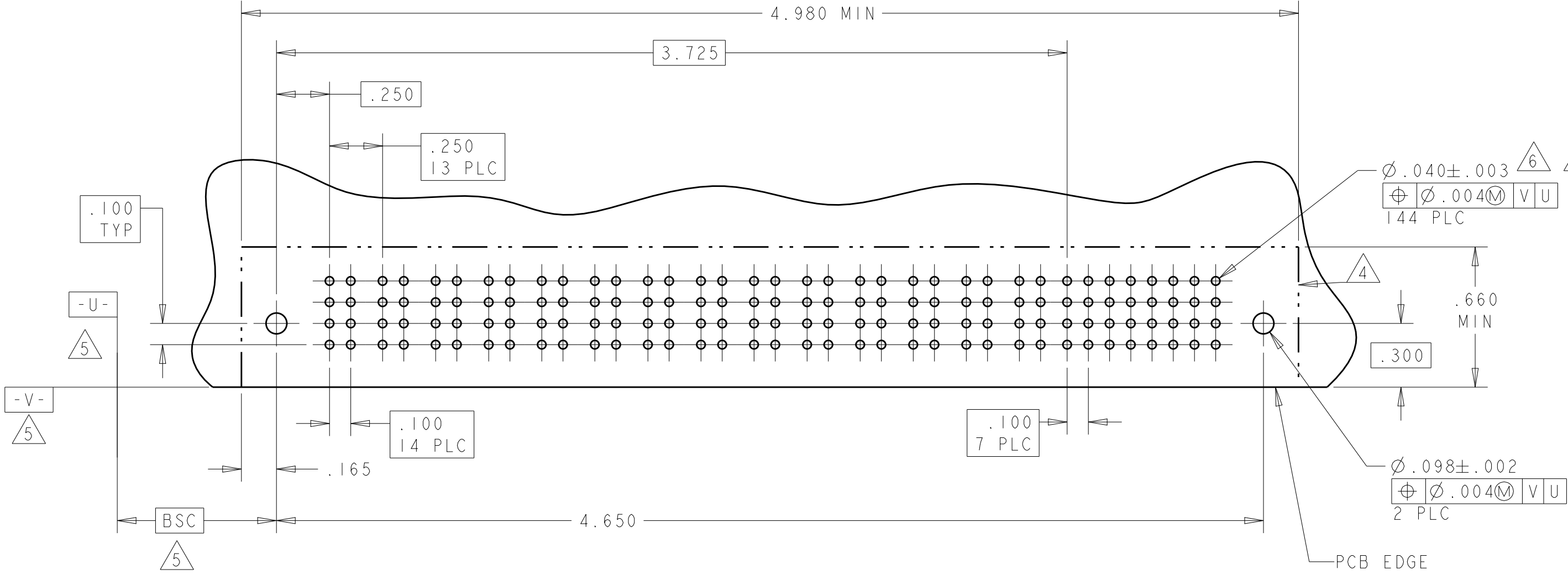
NO CONTACT LOADED

PART NUMBER	ROWS		POWER											SIGNAL			
			P1	P2	P3	P4	P5	P6	P7	P8	P9	P10	P11	I	2	3	
6450122-3	D C B A		PM		PM		PM		PM		PM	PM	J	J	J		
													K	K	K		
													N	N	N		
													S	S	S		
11P + 12S																	

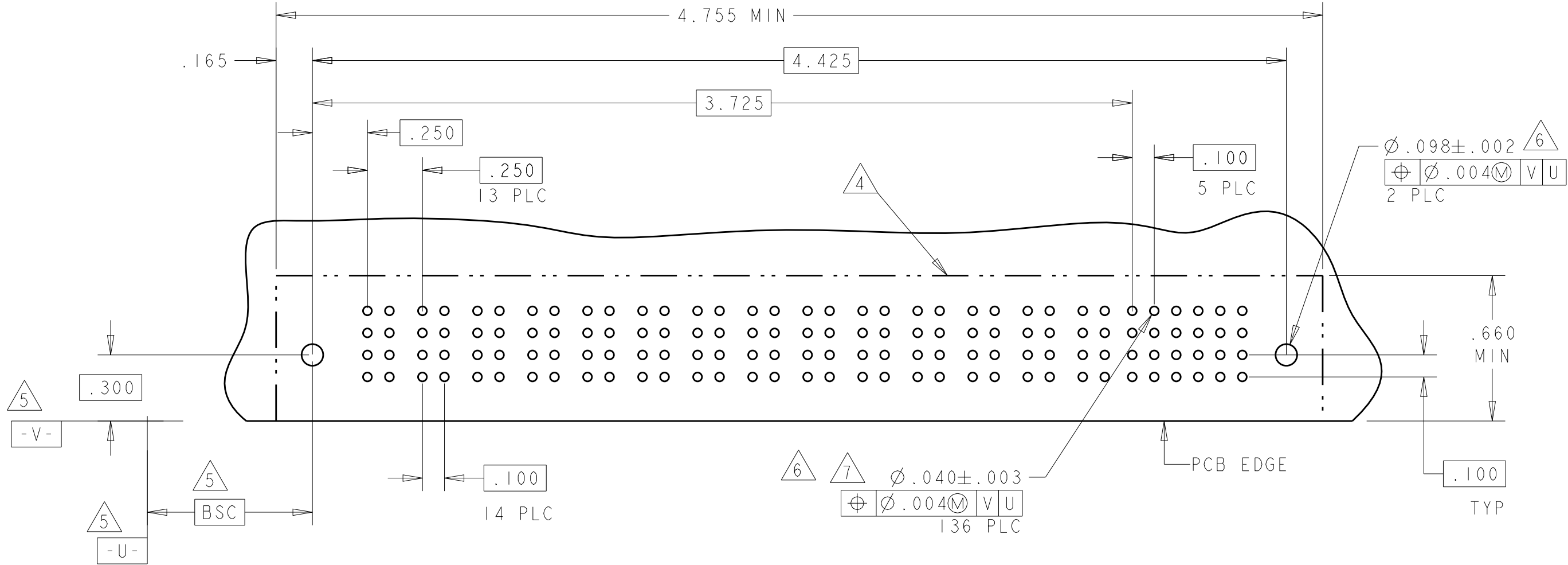
NO CONTACT LOADED



PART NUMBER	ROWS		POWER														SIGNAL																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
			P1	P2	P3	P4	P5	P6	P7	P8	P9	P10	P11	P12	P13	P14	1	2	3	4	5	6	7	8																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
6450122-2	D C B A			PM		PM		PM		PM		PM		PM		PM		PM		PM		PM		PM		PM		PM		PM		PM		PM		PM		PM		PM		PM		PM		PM		PM		PM		PM		PM		PM		PM		PM		PM		PM		PM		PM		PM		PM		PM		PM		PM		PM		PM		PM		PM		PM		PM		PM		PM		PM		PM		PM		PM		PM		PM		PM		PM		PM		PM		PM		PM		PM		PM		PM		PM		PM		PM		PM		PM		PM		PM		PM		PM		PM		PM		PM		PM		PM		PM		PM		PM		PM		PM		PM		PM		PM		PM		PM		PM		PM		PM		PM		PM		PM		PM		PM		PM		PM		PM		PM		PM		PM		PM		PM		PM		PM		PM		PM		PM		PM		PM		PM		PM		PM		PM		PM		PM		PM		PM		PM		PM		PM		PM		PM		PM		PM		PM		PM		PM		PM		PM		PM		PM		PM		PM		PM		PM		PM		PM		PM		PM		PM		PM		PM		PM		PM		PM		PM		PM		PM		PM		PM		PM		PM		PM		PM		PM		PM		PM		PM		PM		PM		PM		PM		PM		PM		PM		PM		PM		PM		PM		PM		PM		PM		PM		PM		PM		PM		PM		PM		PM		PM		PM		PM		PM		PM		PM		PM		PM		PM		PM		PM		PM		PM		PM		PM		PM		PM		PM		PM		PM		PM		PM		PM		PM		PM		PM		PM		PM		PM		PM		PM		PM		PM		PM		PM		PM		PM		PM		PM		PM		PM		PM		PM		PM		PM		PM		PM		PM		PM		PM		PM		PM		PM		PM		PM		PM		PM		PM		PM		PM		PM		PM		PM		PM		PM		PM		PM		PM		PM		PM		PM		PM		PM		PM		PM		PM		PM		PM		PM		PM		PM		PM		PM		PM		PM		PM		PM		PM		PM		PM		PM		PM		PM		PM		PM		PM	



PART NUMBER	ROWS		POWER														SIGNAL						
			P1	P2	P3	P4	P5	P6	P7	P8	P9	P10	P11	P12	P13	P14	1	2	3	4	5	6	
6450122-6	D C B A															J	J	J	J	J	J		
																K	K	K	K	K	K		
																N	N	N	N	N	N		
																S	S	S	S	S	S		
14P + 24S																							



Z	STD	.090	D
Y	STD	.090	C
R	STD	.090	B
O	STD	.090	A
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.

OWN: R. GRZYBOWSKI 02FEB05
CHK: M. PERCHERKE 02FEB05
APVD: M. PERCHERKE

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

TE Connectivity

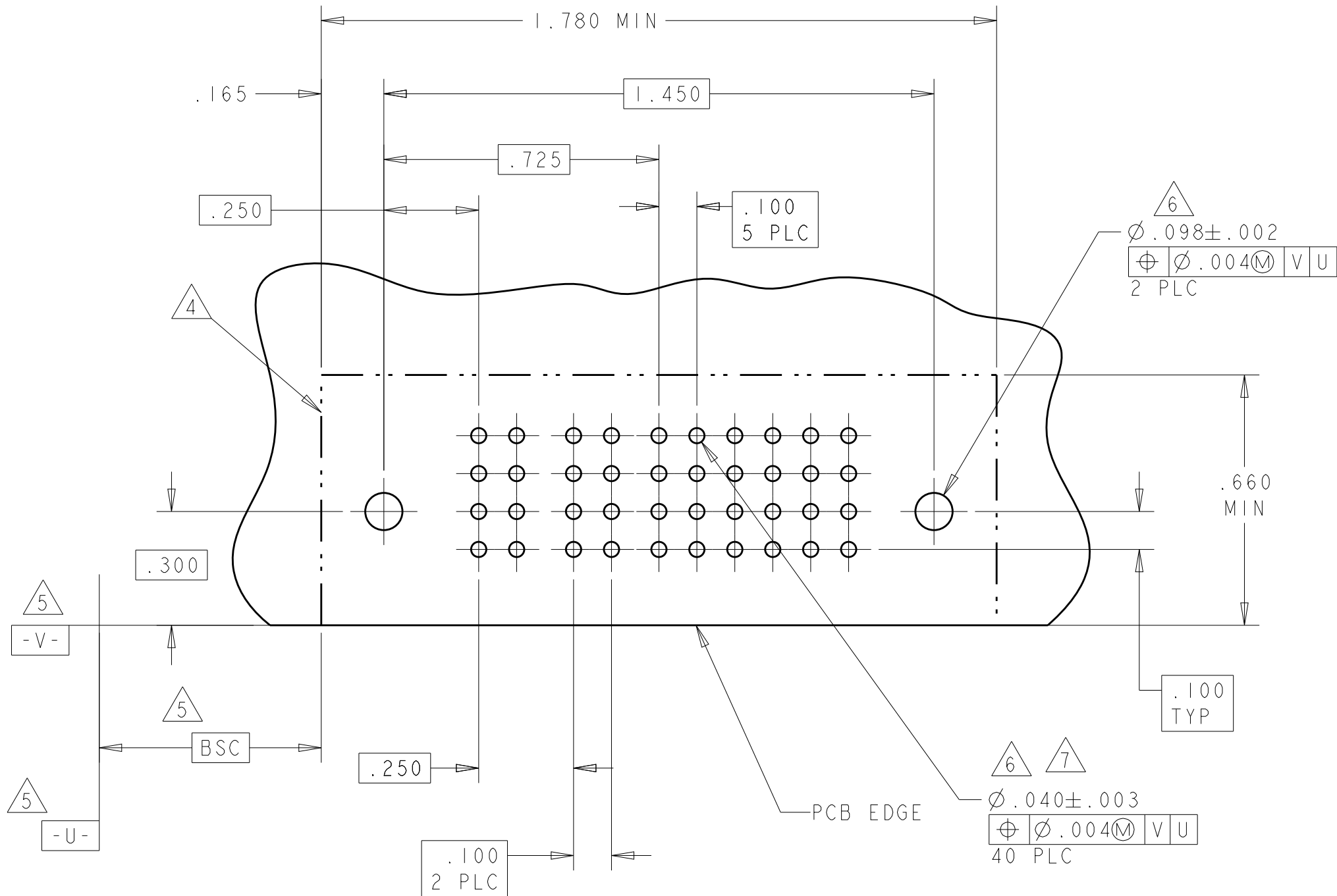
RIGHT ANGLE HEADER ASSY W/GUIDES
MULTI-BEAM XL

SIZE: A100779
CAGE CODE: -
DRAWING NO: 6450122
SHEET 3 OF 10
REV E9

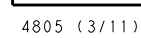
PA: .090
PM: .135
CODE: TAIL LENGTH
POWER CONTACT

SCALE: 4:1
SHEET 3 OF 10
REV E9

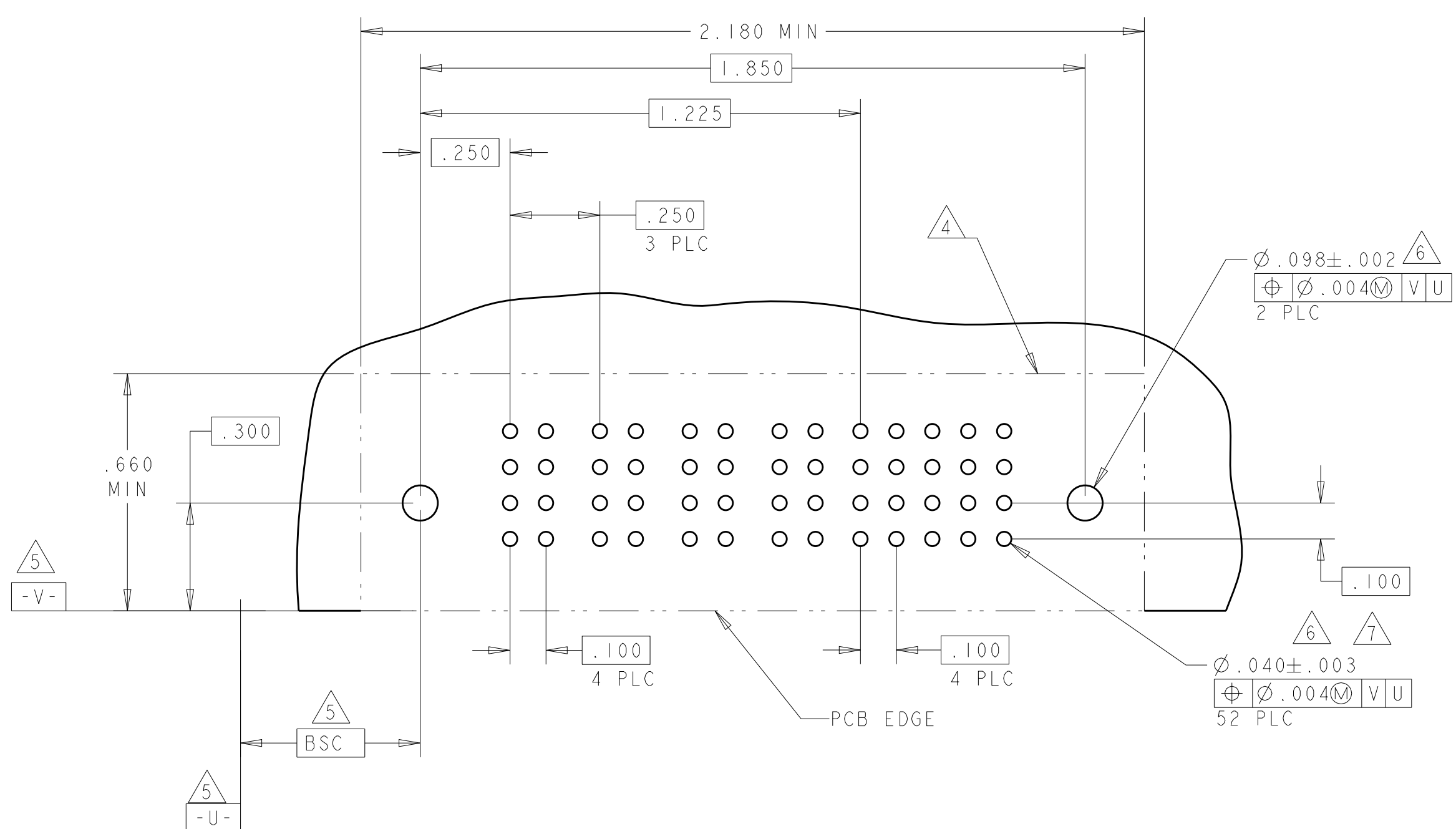
PART NUMBER	ROWS		POWER		SIGNAL							
			P1	P2	1	2	3	4	5	6		
1-6450122-0	D C B A					J	J	J	J	J	J	
						K	K	K	K	K	K	
						N	N	N	N	N	N	
						S	S	S	S	S	S	
2P + 24S												



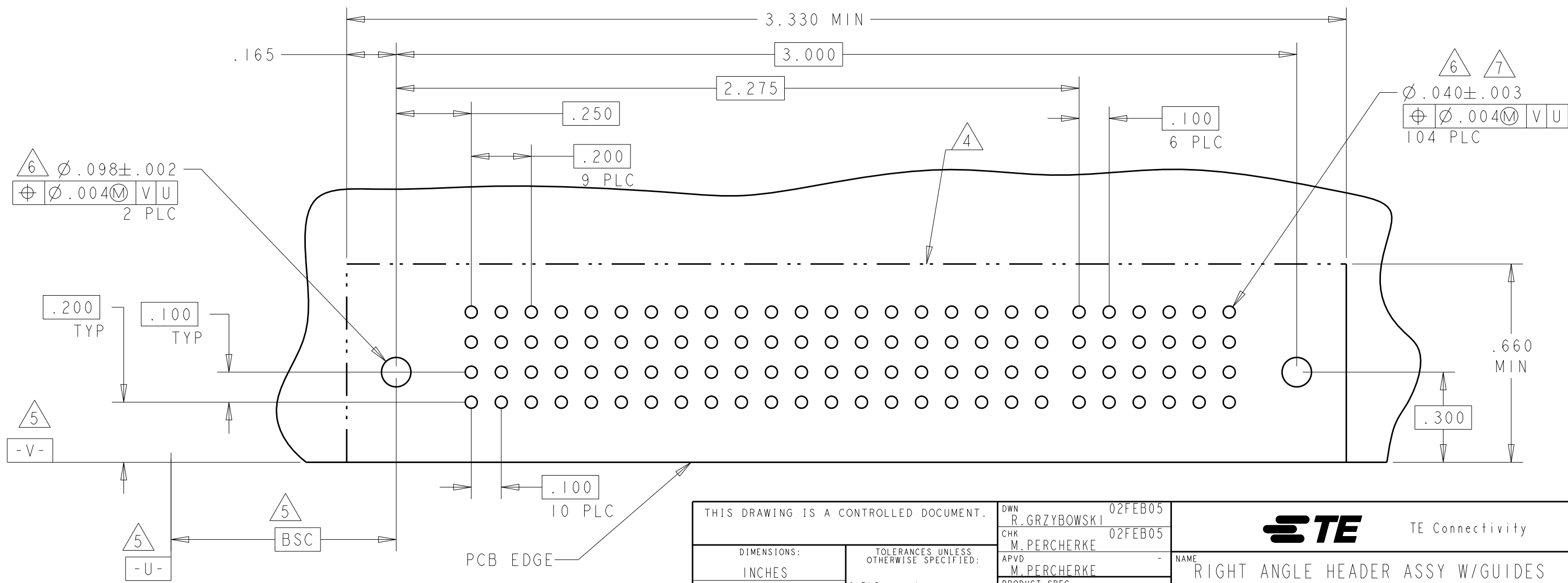
THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN M. GRZYBOWSKI 02FE05		 TE Connectivity	
		CHG M. PERCHERKE 02FE05			
DIMENSIONS: INCHES		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME	
		0 PLC ±.1		RIGHT ANGLE HEADER ASSY W/GUIDES MULTI-BEAM XL - -	
		1 PLC ±.1			
		2 PLC ±.01			
		3 PLC ±.005			
4 PLC ±.0020		4 ANGLES ±.2		SIZE	
MATERIAL		FINISH		CAGE CODE	
-		-		DRAWING NO	
				RESTRICTED TO	
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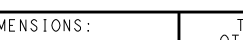


PART NUMBER	ROWS						SIGNAL					
			P1	P2	P3	P4	1	2	3	4	5	
1-6450122-9	D C B A					J	J	J	J			
						K	K	K	K			
						N	N	N	N			
						S	S	S	S			
4P + 20S												

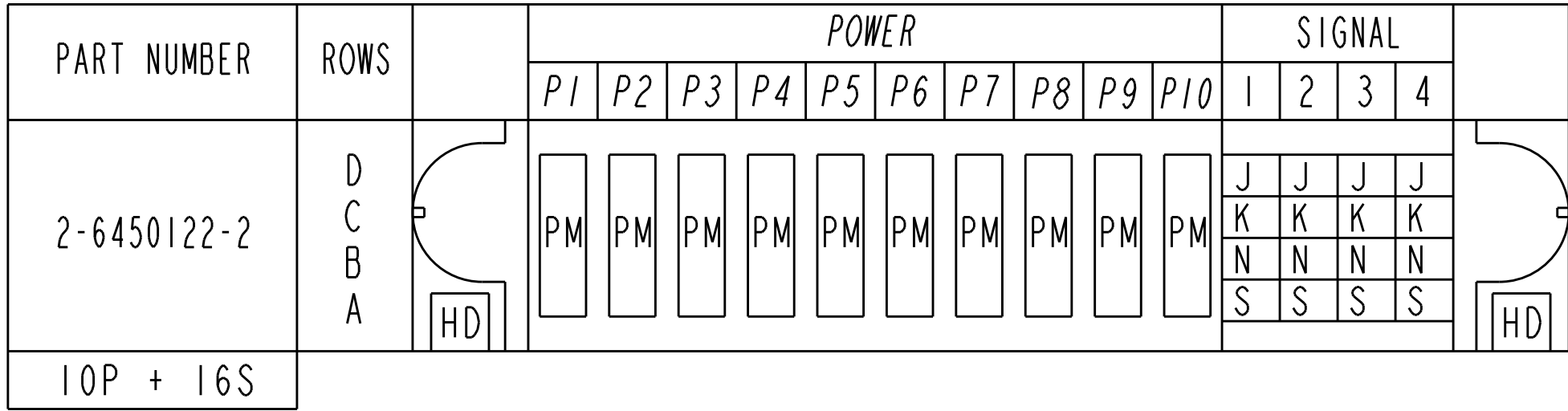
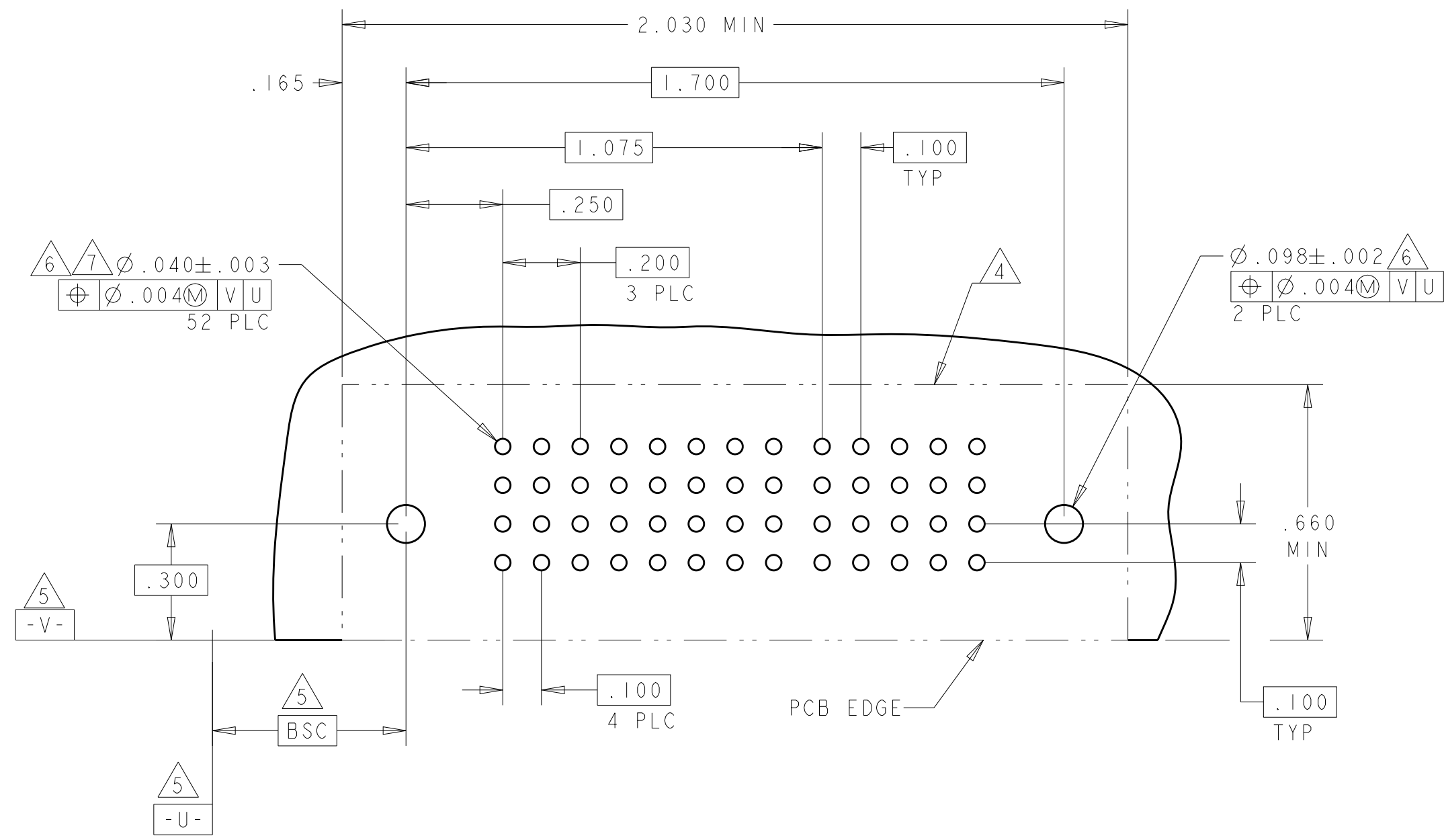


PART NUMBER	ROWS		POWER										SIGNAL						
			P1	P2	P3	P4	P5	P6	P7	P8	P9	P10	1	2	3	4	5	6	
2-6450122-0	D C B A												J K N S	J K N S	J K N S	J K N S	J K N S	J K N S	
10P + 24S																			

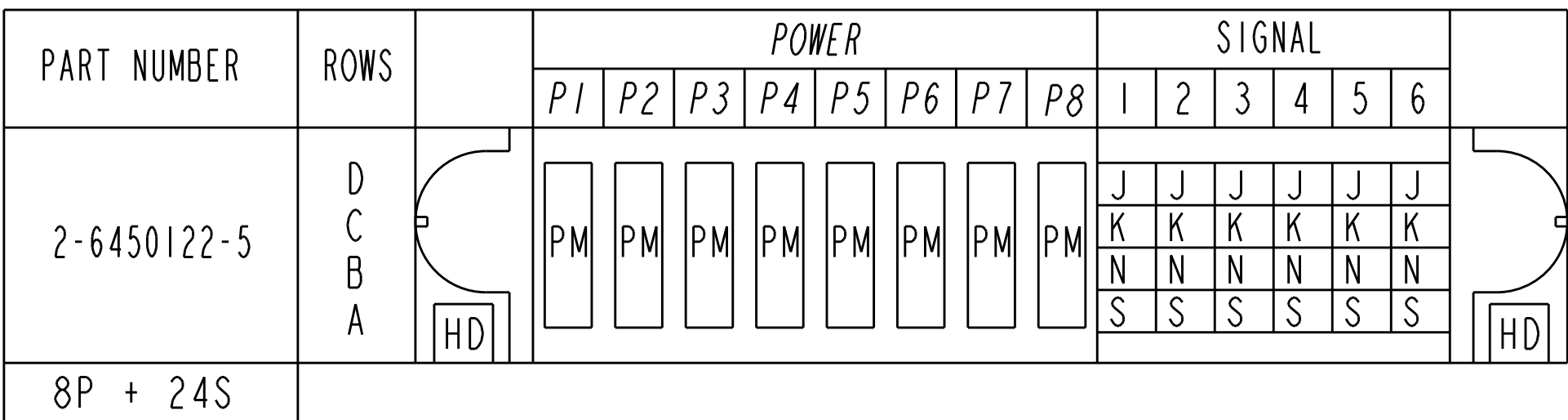
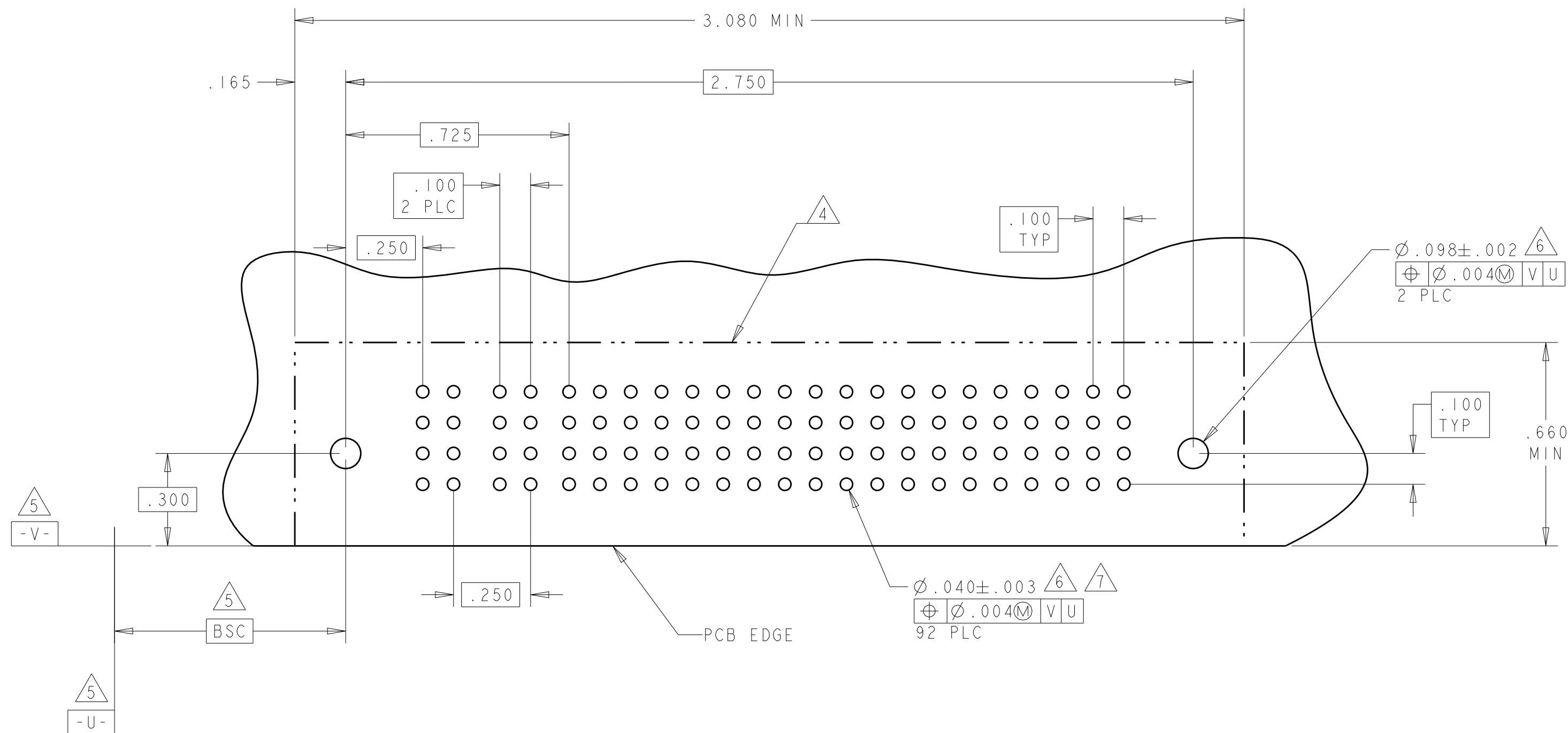


THIS DRAWING IS A CONTROLLED DOCUMENT.		OWN: GRZYBOWSKI 02FEB05		 TE Connectivity	
DIMENSIONS: INCHES		CHG: M. PERCHERRE 02FEB05 APPR: M. PERCHERRE PRODUCT SPEC 108-1973 APPLICATION SPEC 114-13038			
		TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±. 1 PLC ±. 2 PLC ±.01 3 PLC ±.005 4 PLC ±.0020 ANGLES ±2°		NAME: RIGHT ANGLE HEADER ASSY W/GUIDES MULTI-BEAM XL - -	
MATERIAL: -		FINISH: -		SIZE: CAGE CODE: DRAWING NO: 100779C6450122 RESTRICTED TO: -	
		WEIGHT: -		SCALE: 4:1 SHEET 5 OF 10 REV: E	
		CUSTOMER DRAWING			

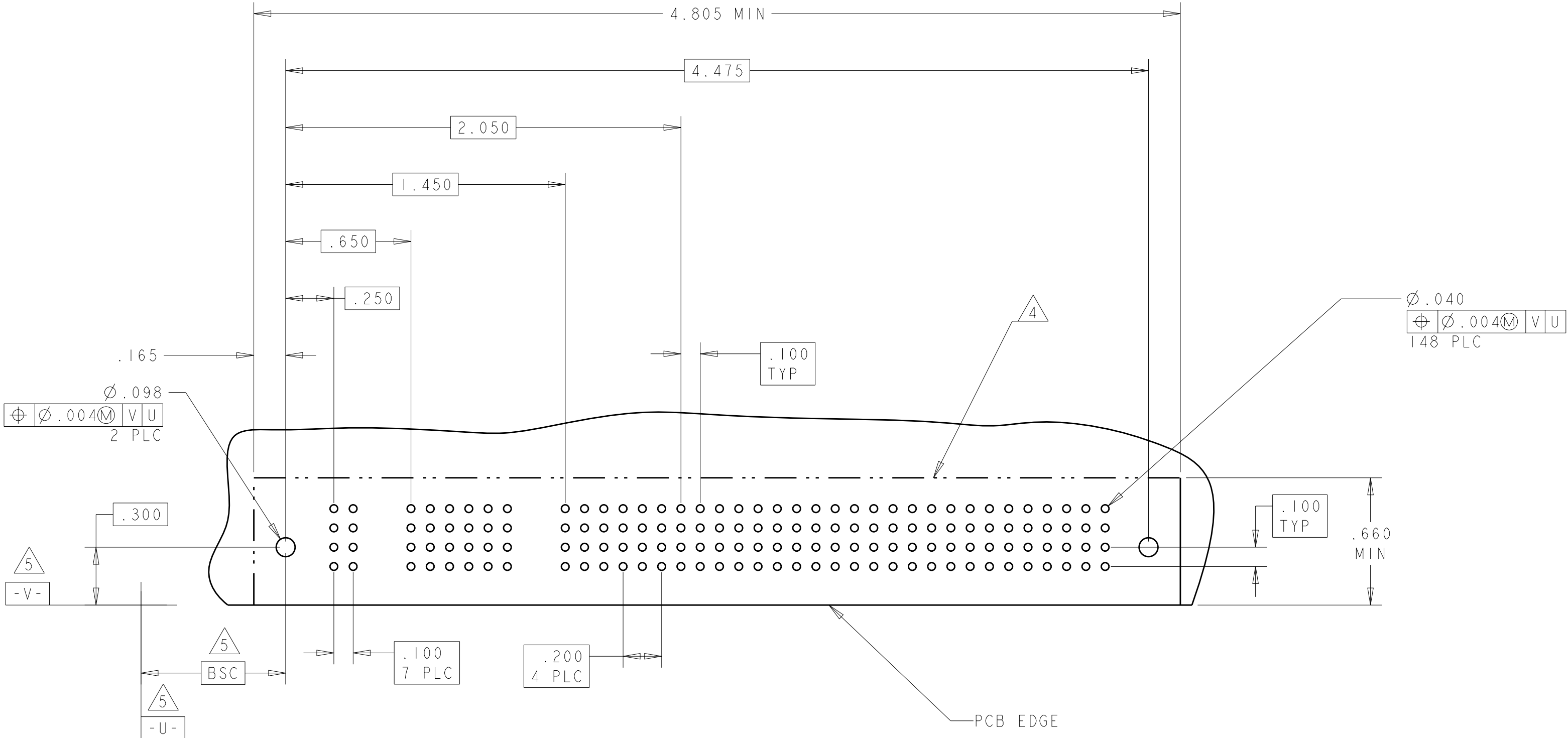
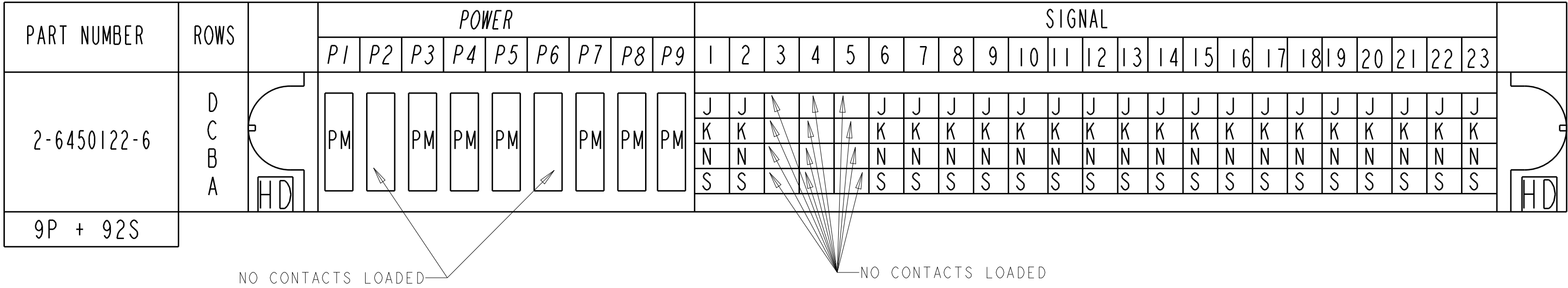
PART NUMBER	ROWS						SIGNAL					
			P1	P2	P3	P4	1	2	3	4	5	
2-6450122-1	D		PM	PM	PM	PM	J	J	J	J	J	
	C						K	K	K	K	K	
	B						N	N	N	N	N	
	A						H	H	H	H	H	
4P + 20S		HD										HD



PART NUMBER	ROWS		POWER		SIGNAL																					
			P1	P2	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19			
2-6450122-4	D C B A			PA	PA	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z			
						Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	
						R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
						O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O
2P + 76S																										

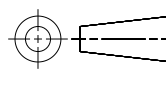


LOC	DIST	REVISIONS					
GP	00	P	LTR	DESCRIPTION	DATE	DWN	APVD
			-	SEE SHEET 1	-	-	-



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
CHK
M.PERCHERKE
APVD
M.PERCHERKE

02FEB05
02FEB05
-

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

CUSTOMER DRAWING

NAME
RIGHT ANGLE HEADER ASSY W/GUIDES
MULTI-BEAM XL

SIZE
A1

CAGE CODE
00779

DRAWING NO
6450122

RESTRICTED TO
-

SCALE
4:1

SHEET
8

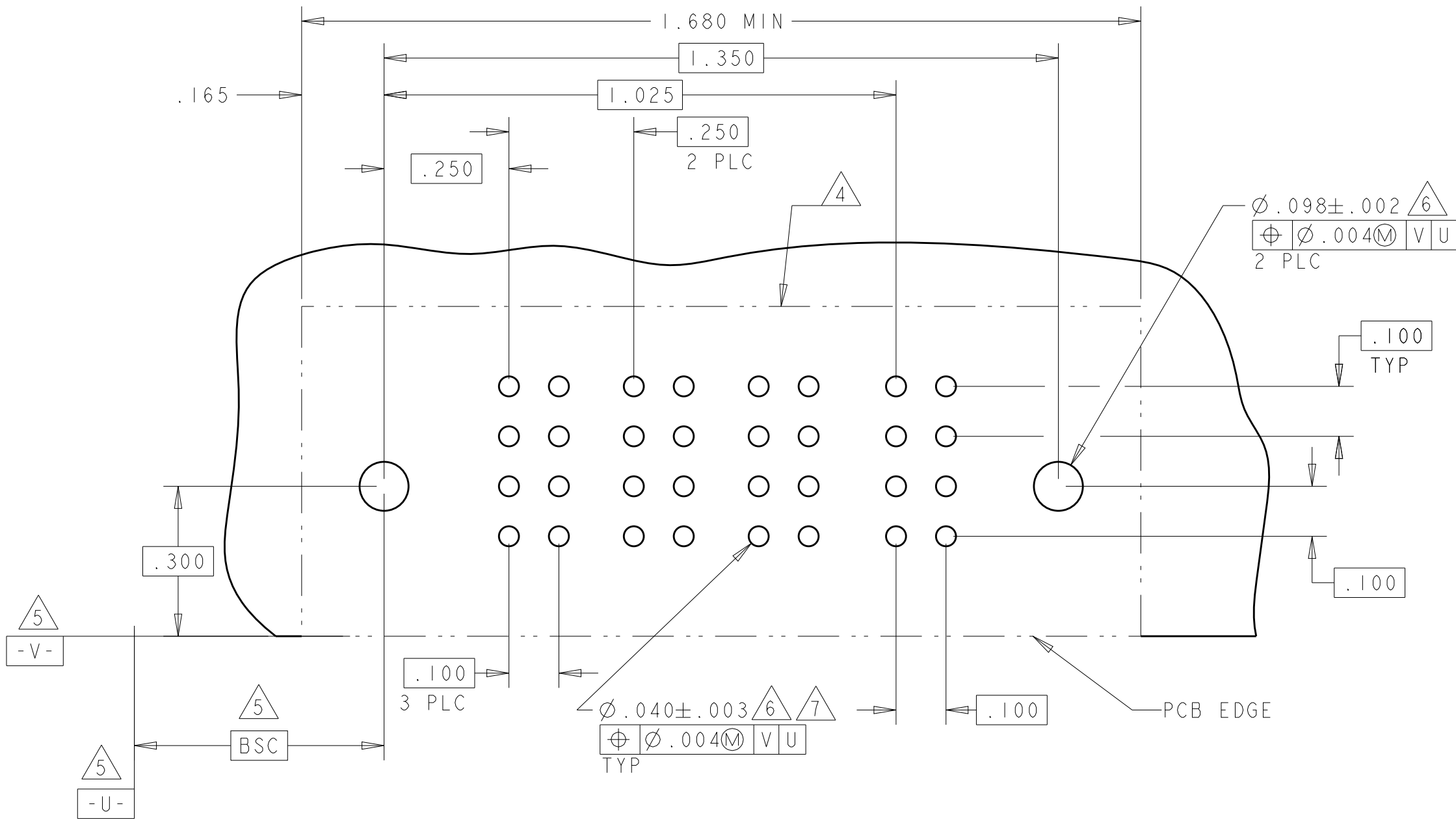
OF
10

REV
E9

TE Connectivity

TE

PART NUMBER	ROWS		POWER			SIGNAL		
			P1	P2	P3	1	2	
2-6450122-8	D C B A		PM	PM	PM	J K N S	J K N S	
3P + 8S								

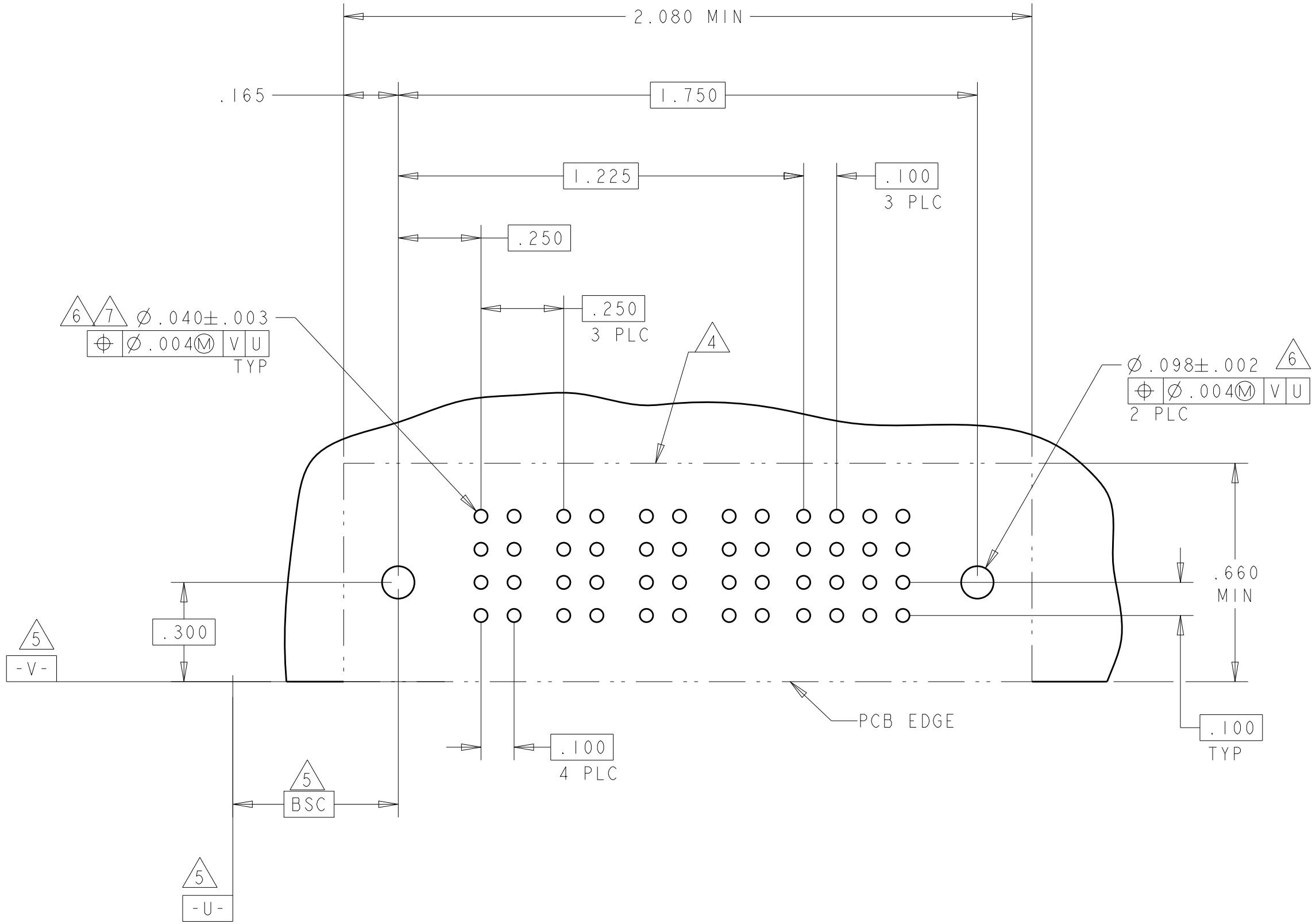
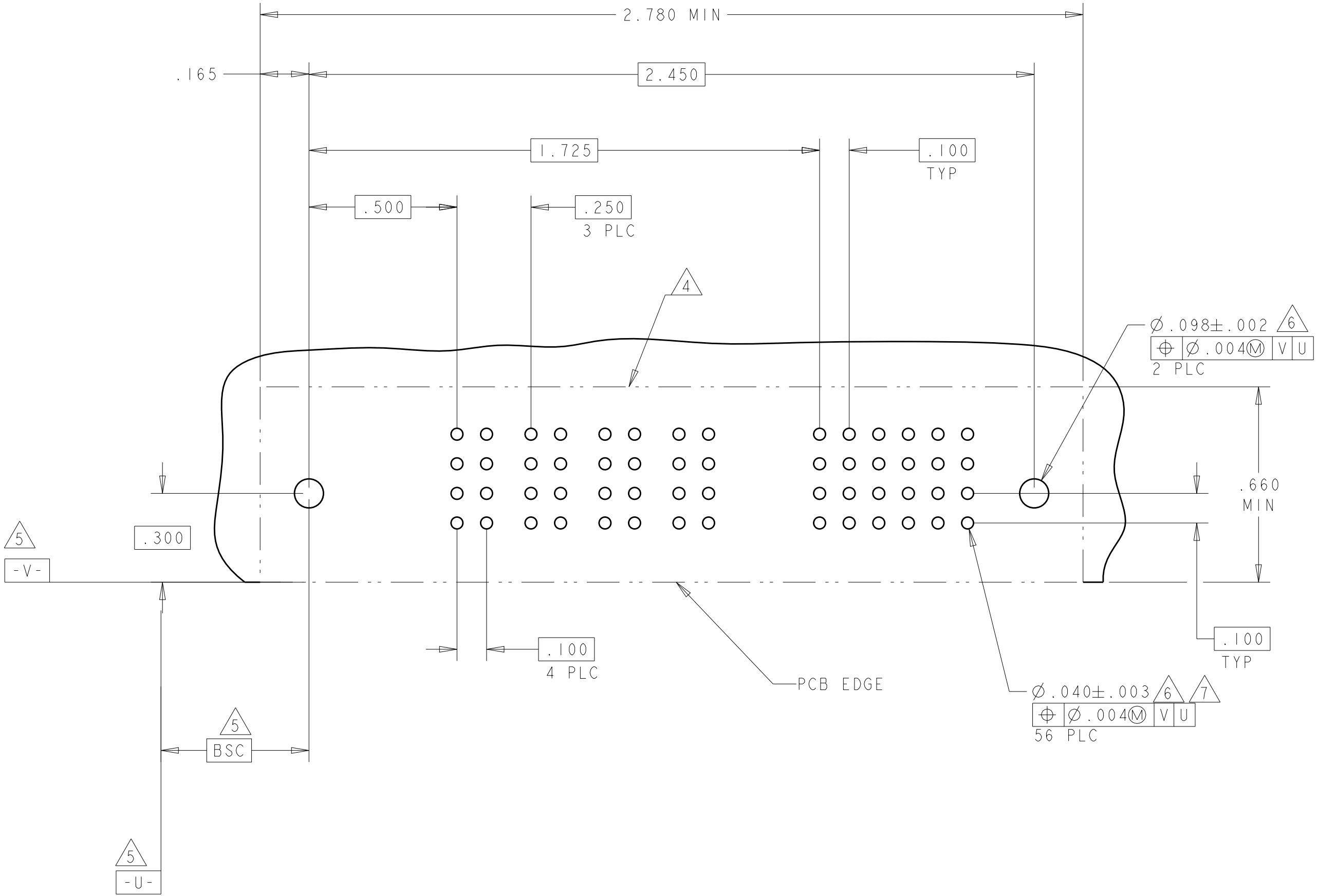
4805 (3/11)

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	1	2	3	4	5	6	
2-6450122-9	D C B A			PM		PM		PM		J	J	J	J	J	J
										K	K	K	K	K	K
										N	N	N	N	N	N
6P + 24S										S	S	S	S	S	S

NO CONTACTS LOADED

PART NUMBER	ROWS						SIGNAL						
			P1	P2	P3	P4	1	2	3	4			
3-6450122-0	D C B A			PM		PM		PM	J	J	J	J	
									K	K	K	K	
									N	N	N	N	
									S	S	S	S	



THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN R. GRZYBOWSKI 02FEB05	 TE Connectivity	
		CHK M. PERCHERKE 02FEB05		
DIMENSIONS: INCHES		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME RIGHT ANGLE HEADER ASSY W/GUIDES MULTI-BEAM XL
		0 PLC ±.01		
		1 PLC ±.01		
		2 PLC ±.01		
		3 PLC ±.005		
MATERIAL		4 PLC ±.0020		SIZE CAGE CODE DRAWING NO RESTRICTED TO
		ANGLES #2		
		FINISH		
		WEIGHT		
		CUSTOMER DRAWING		
		114-13038		A 100779C=6450122
		APPLICATION SPEC		
		108-1973		SCALE 4:1 SHEET 10 OF 10 REV E9
		PRODUCT SPEC		