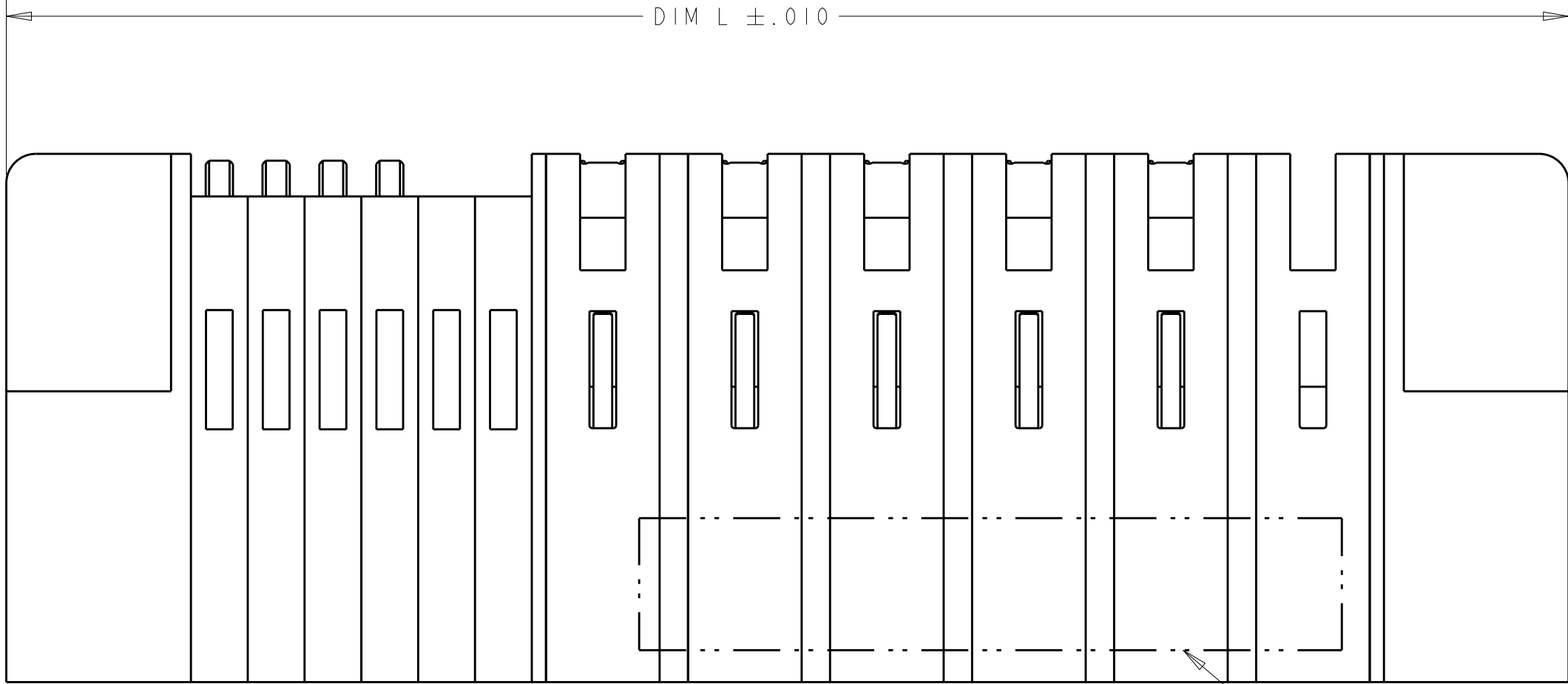
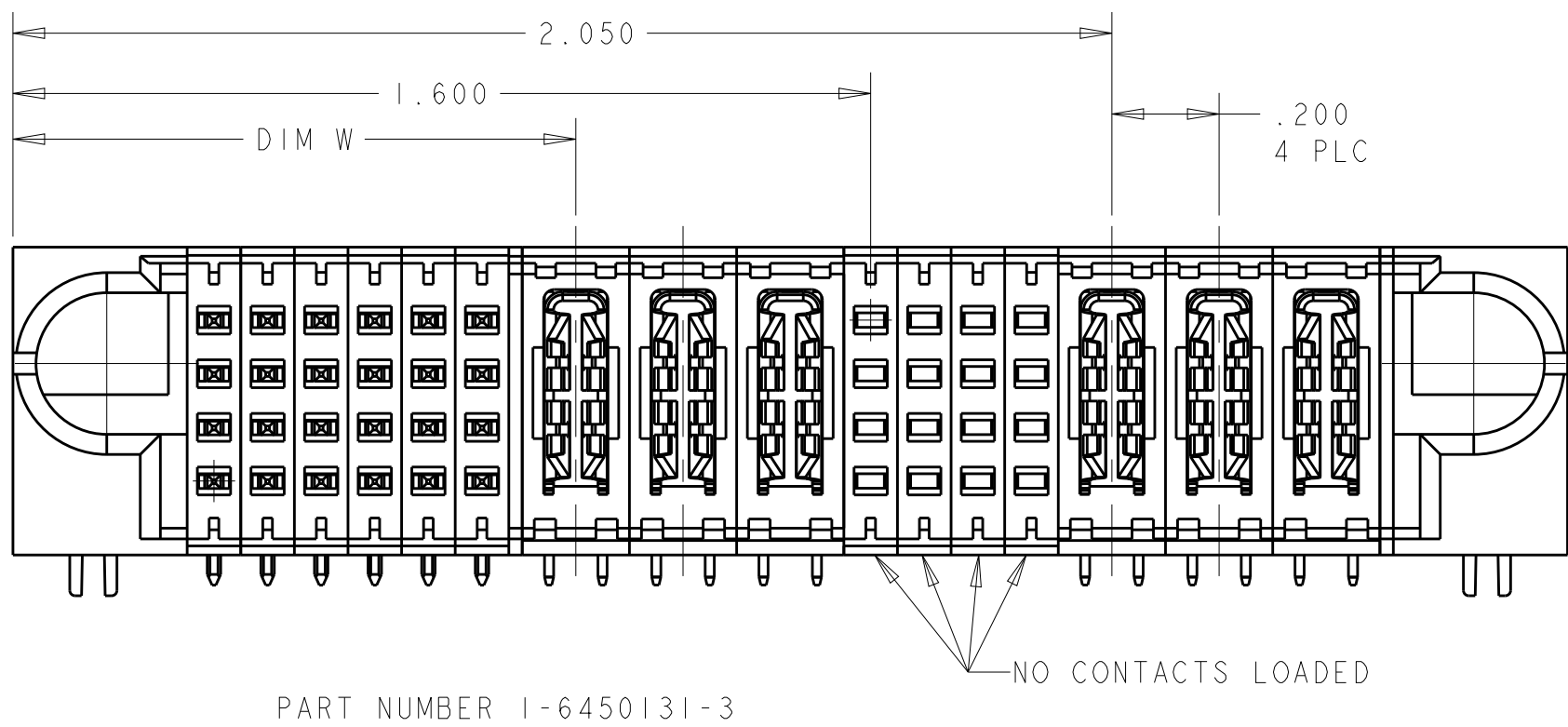
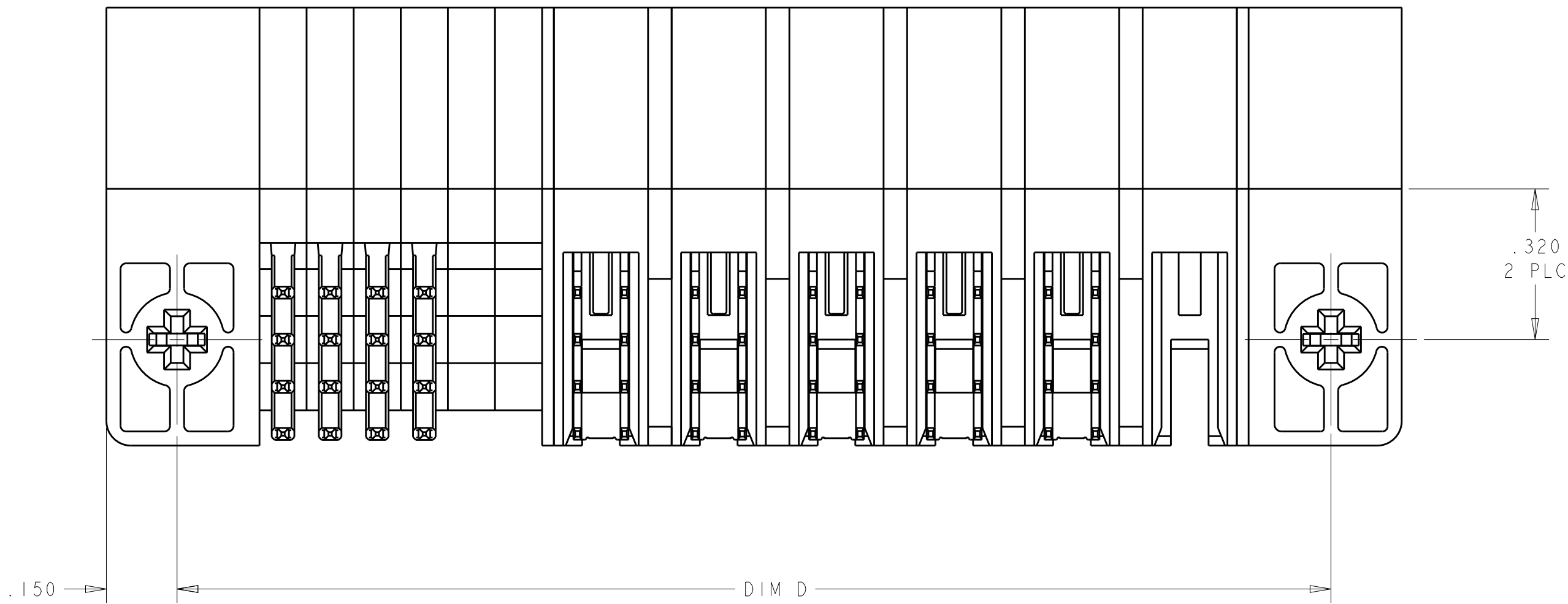
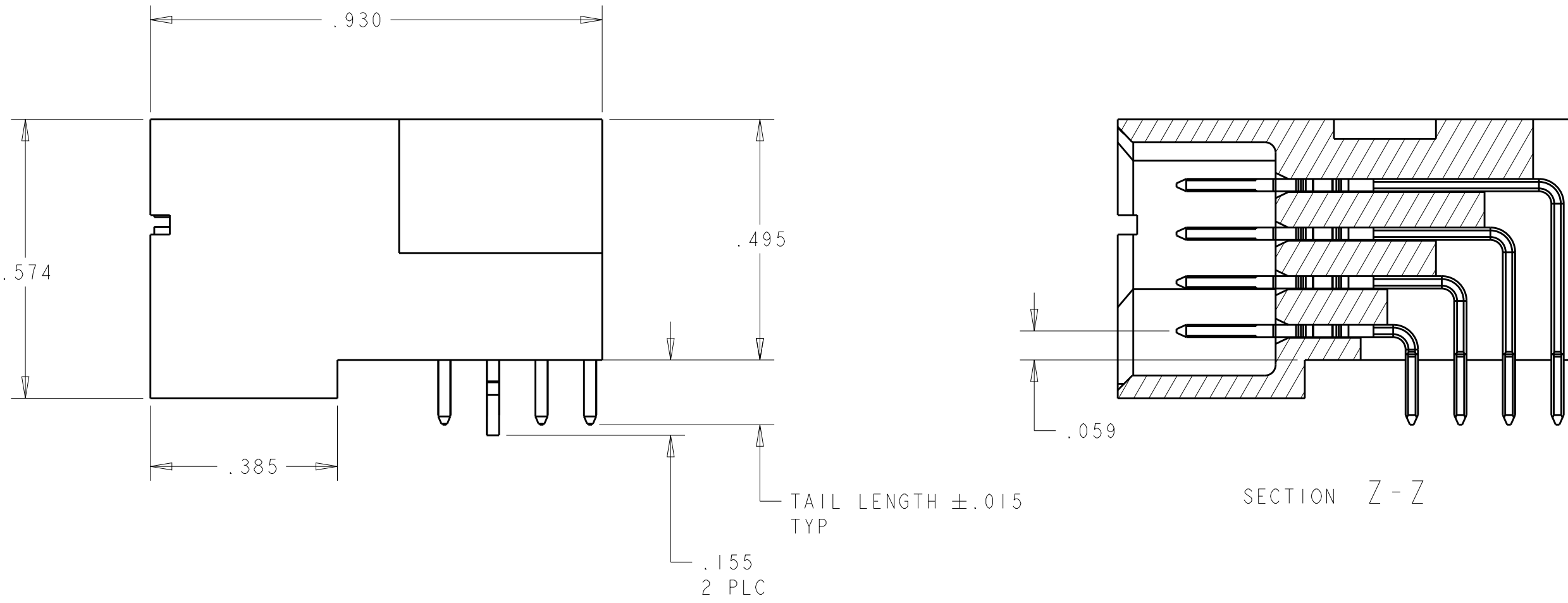
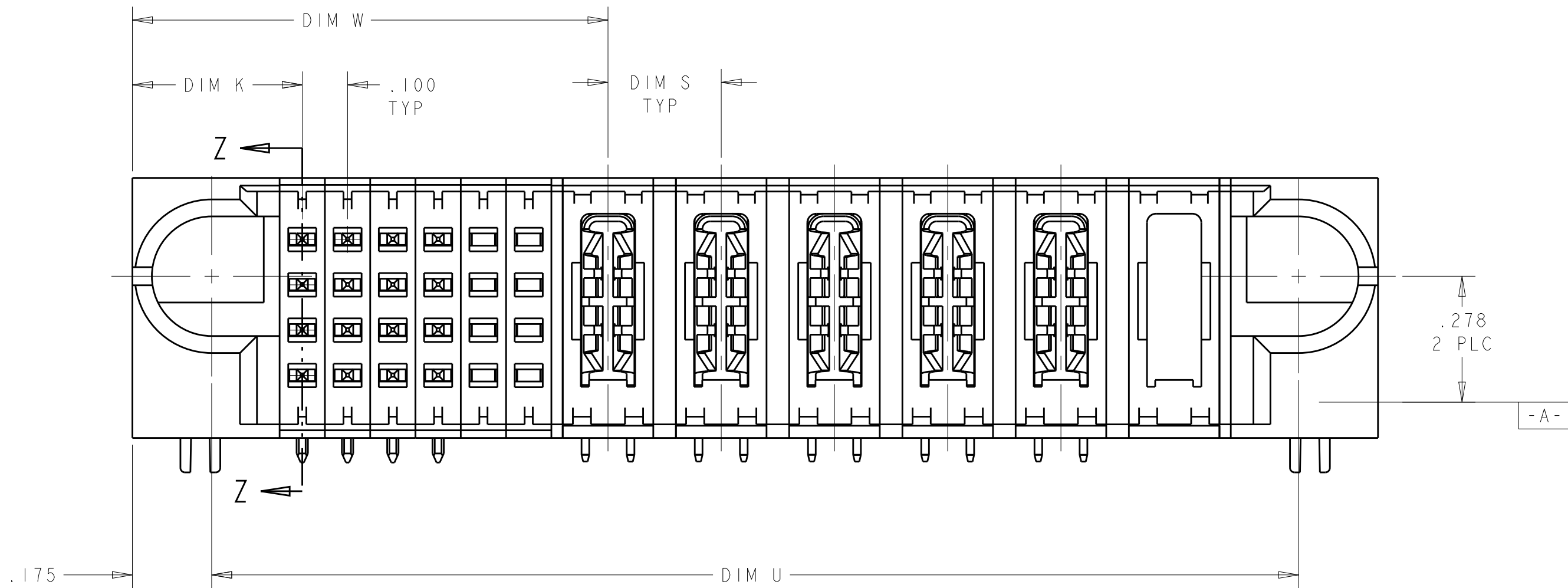


LOC		DIST		REVISIONS						
ES		00		P	LTR	DESCRIPTION	DATE	DWN	APVD	
					E8	REV PER ECR-12-021802	04JAN2013	ML	SZ	
					E9	ADD NEW DASH NUMBER 2-3	21MAY2013	CZ	SZ	



- ⚠ "AMP", PART NUMBER, AND DATE CODE TO BE MARKED IN AREA SHOWN.
- ⚠ MATERIAL: HOUSING - GLASS FILLED HIGH TEMP THERMO PLASTIC, UL94 V-0
SIGNAL CONTACT - COPPER ALLOY
POWER CONTACT - HIGH CONDUCTIVITY COPPER ALLOY
- ⚠ CONTACT PLATING: NOBLE METAL PLATING ON CONTACT FUNCTIONAL AREA OF POWER CONTACTS AND SIGNAL CONTACTS.
- ⚠ MECHANICAL CONNECTOR KEEP OUT ZONE.
- ⚠ DATUM AND BASIC DIMENSIONS ESTABLISHED BY CUSTOMER.
- ⚠ PCB - ALL HOLE DIAMETERS ARE FINISHED HOLE SIZES.
- ⚠ PCB - .0453±.0010 DRILLED HOLES PLATED WITH .0003 MIN Sn OVER .001 TO .003 CU PLATING TO ACHIEVE A .040±.003 DIA HOLE



THIS DRAWING IS A CONTROLLED DOCUMENT.

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

15FEB05
15FEB05
-

DIMENSIONS:
INCHES

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

TOLERANCES UNLESS OTHERWISE SPECIFIED:

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

15FEB05
15FEB05
-

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

15FEB05
15FEB05
-

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

SIZE
A1

CAGE CODE
00779

DRAWING NO
6450131

RESTRICTED TO
-

CUSTOMER DRAWING

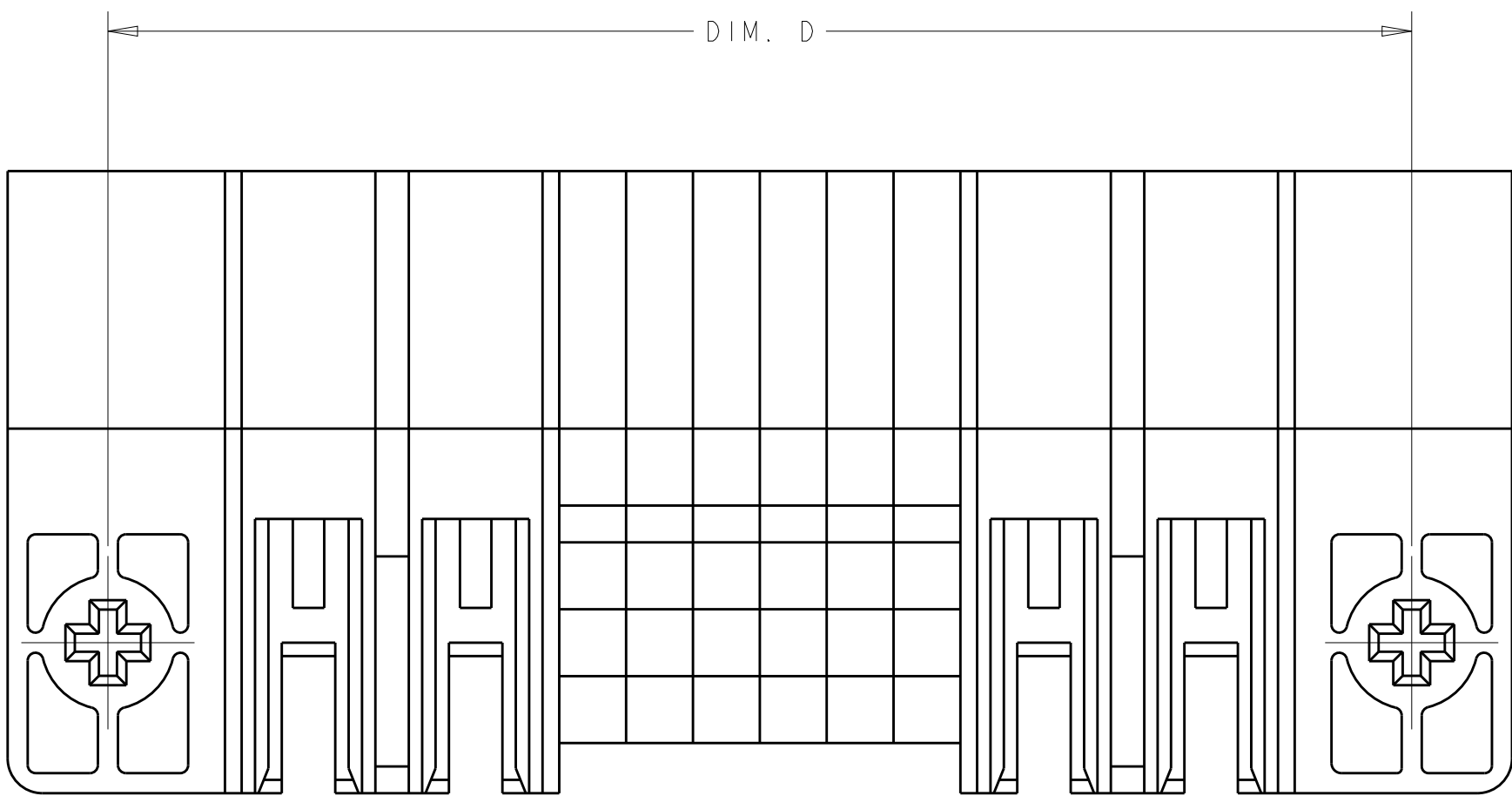
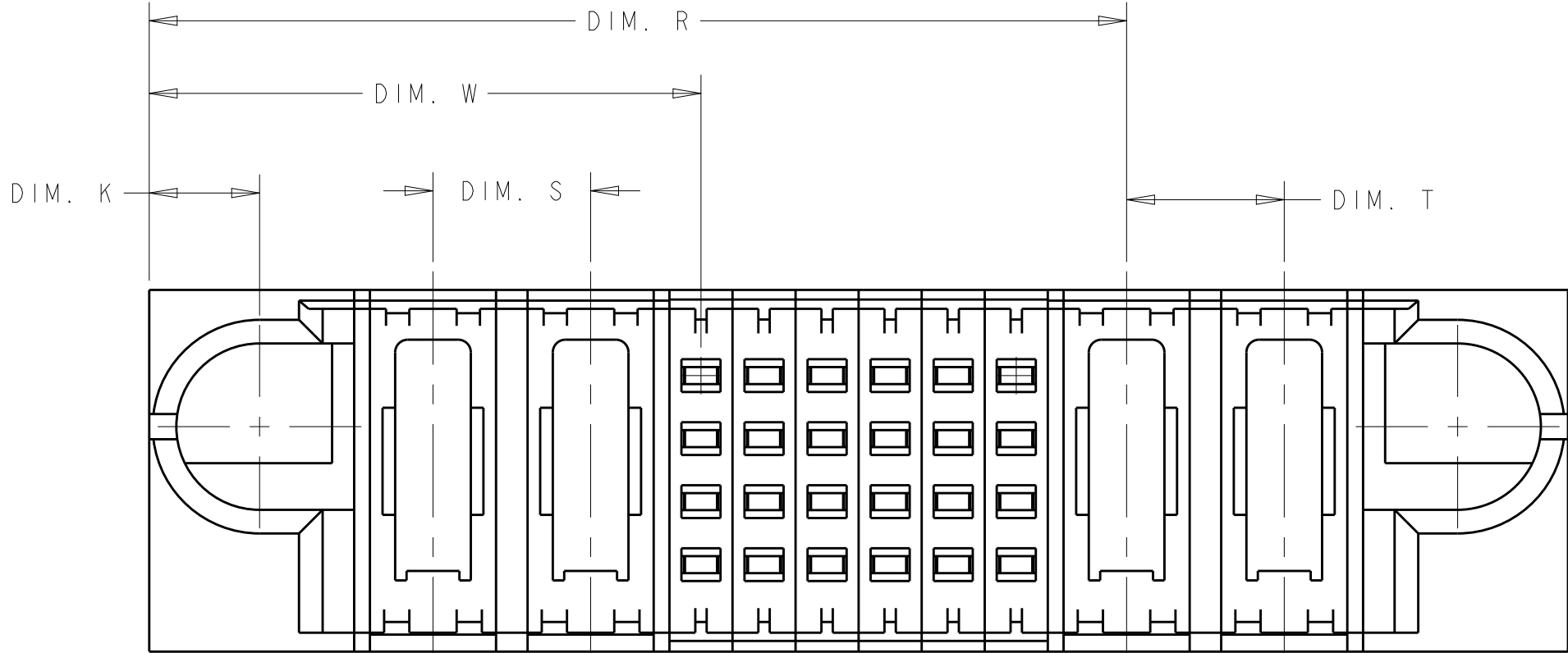
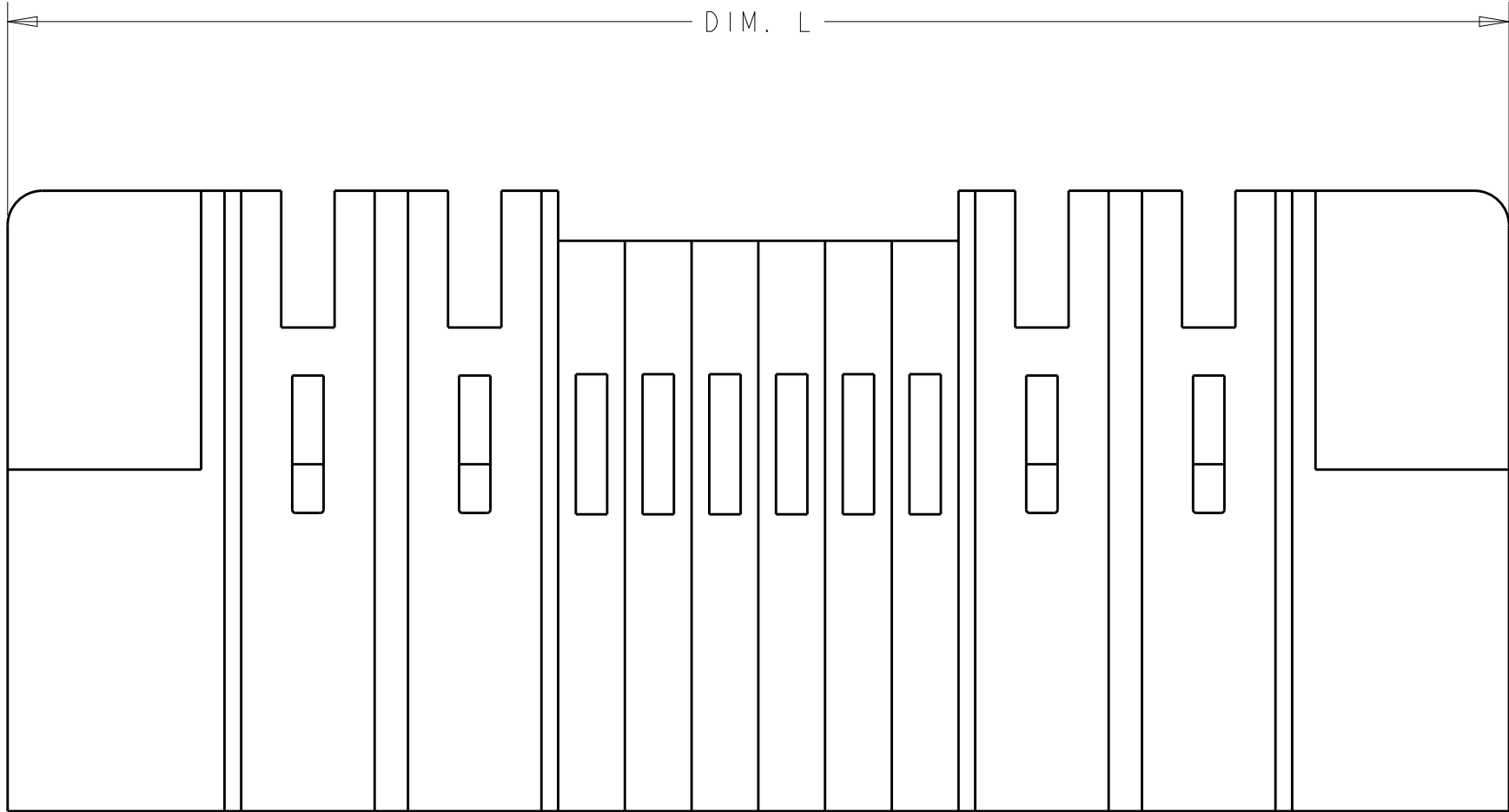
SCALE
1:1

SHEET
1

OF
9

REV
E9

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



PART 2-6450131-1
(NO CONTACT VIEW)

E9	-	-	4.650	.250	.400	4.700	1.800	5.000	52S + 12P	2-6450131-3
	-	-	1.700	.250	.375	1.750	.850	2.050	16S + 4P	2-6450131-2
	1.550	.250	1.900	.250	.450	1.950	.875	2.250	24S	2-6450131-1
			1.600	.250	.375	1.650	.750	1.950	12S + 4P	1-6450131-9
			3.650	.250	.400	3.700	1.300	4.000	32S + 10P	1-6450131-8
			2.950	.200	.375	3.000	1.050	3.300	24S + 10HDP	1-6450131-7
			2.400	.250	.375	2.450	1.050	2.750	24S + 6P	1-6450131-6
			2.450	.200	.375	2.500	.950	2.800	20S + 8P	1-6450131-5
			2.400	.250	.375	2.450	1.050	2.750	24S + 6P	1-6450131-4
			2.550	.200	.375	2.600	1.050	2.900	24S + 3P + 16S + 3P	1-6450131-3
			2.500	.250	.425	2.550	.875	2.850	12S + 7P	1-6450131-1
			2.400	.250	.375	2.450	1.050	2.750	24S + 6P	6450131-7
			2.700	.300	.375	2.750	.775	3.050	12S + 7ACP	6450131-6
			2.400	.250	.375	2.450	1.050	2.750	24S + 6P	6450131-5
			4.400	.250	.375	4.450	1.050	4.750	24S + 14P	6450131-4
			1.950	.250	.375	2.000	.850	2.300	16S + 5P	6450131-3
	DIM R	DIM T	DIM U	DIM S	DIM K	DIM D	DIM W	DIM L	DESCRIPTION	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:
INCHES

TOLERANCES UNLESS OTHERWISE SPECIFIED:

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

MATERIAL

-

DWN
R. GRZYBOWSKI

CHK
M. PERCHERKE

APVD
M. PERCHERKE

PRODUCT SPEC
108-1973

APPLICATION SPEC
114-13038

WEIGHT
-

CUSTOMER DRAWING

15FEB05

15FEB05

NAME
-

SIZE
A1

CAGE CODE
00779

DRAWING NO
6450131

RESTRICTED TO
-

SCALE
1:1

SHEET
2

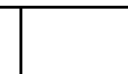
OF
9

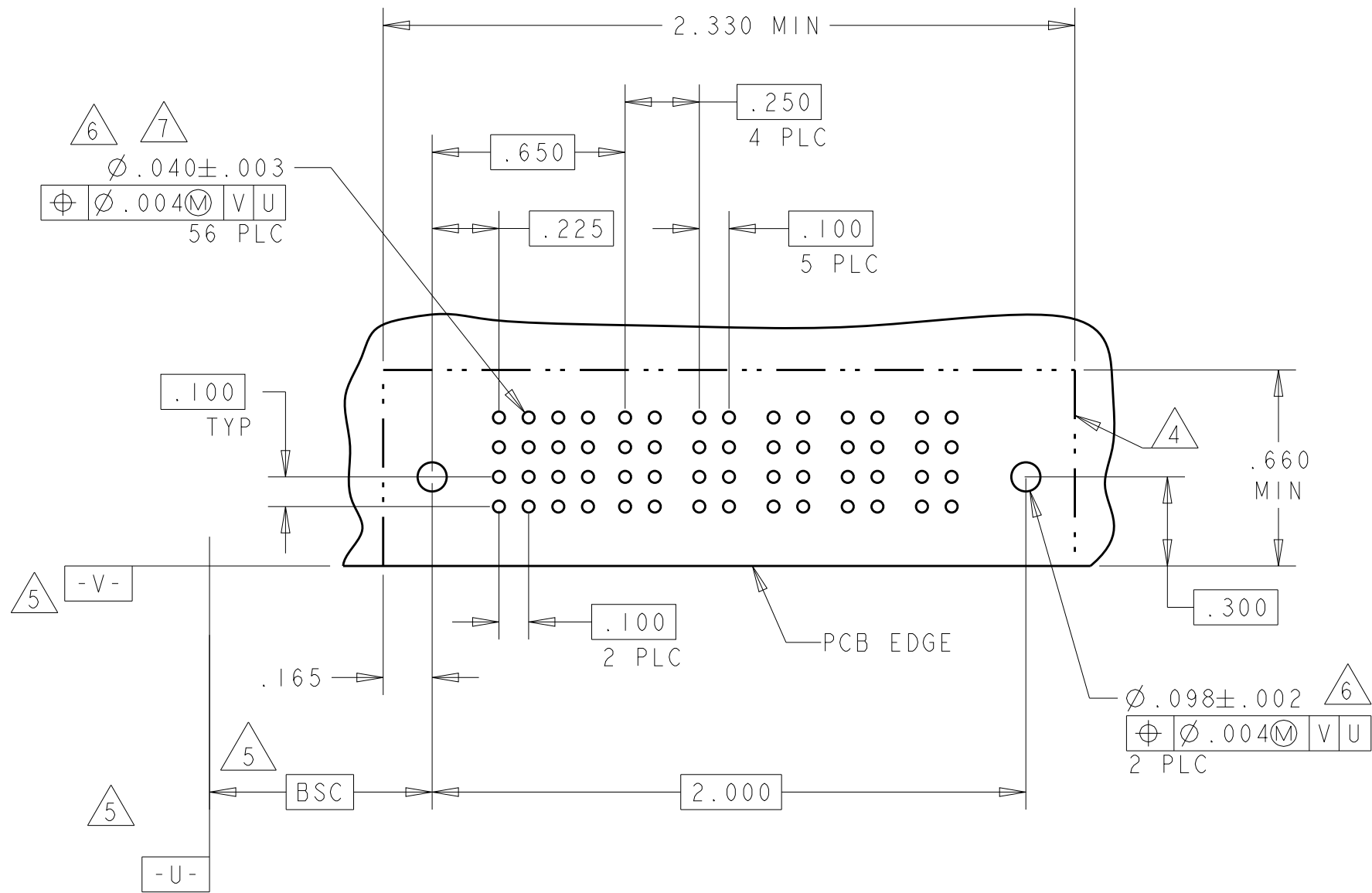
REV
E9

TE Connectivity

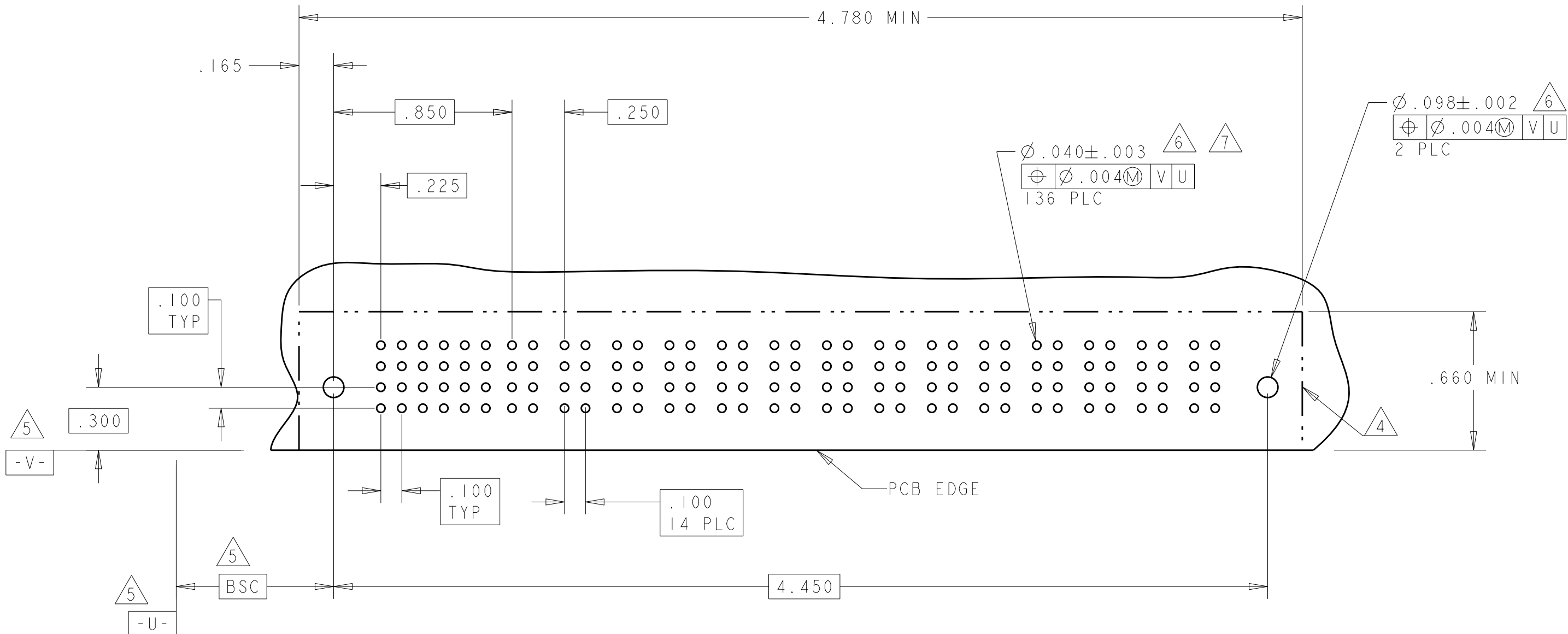
RIGHT ANGLE HEADER ASSY
SOLDER CONTACTS, W/GUIDES
MULTI-BEAM XL

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

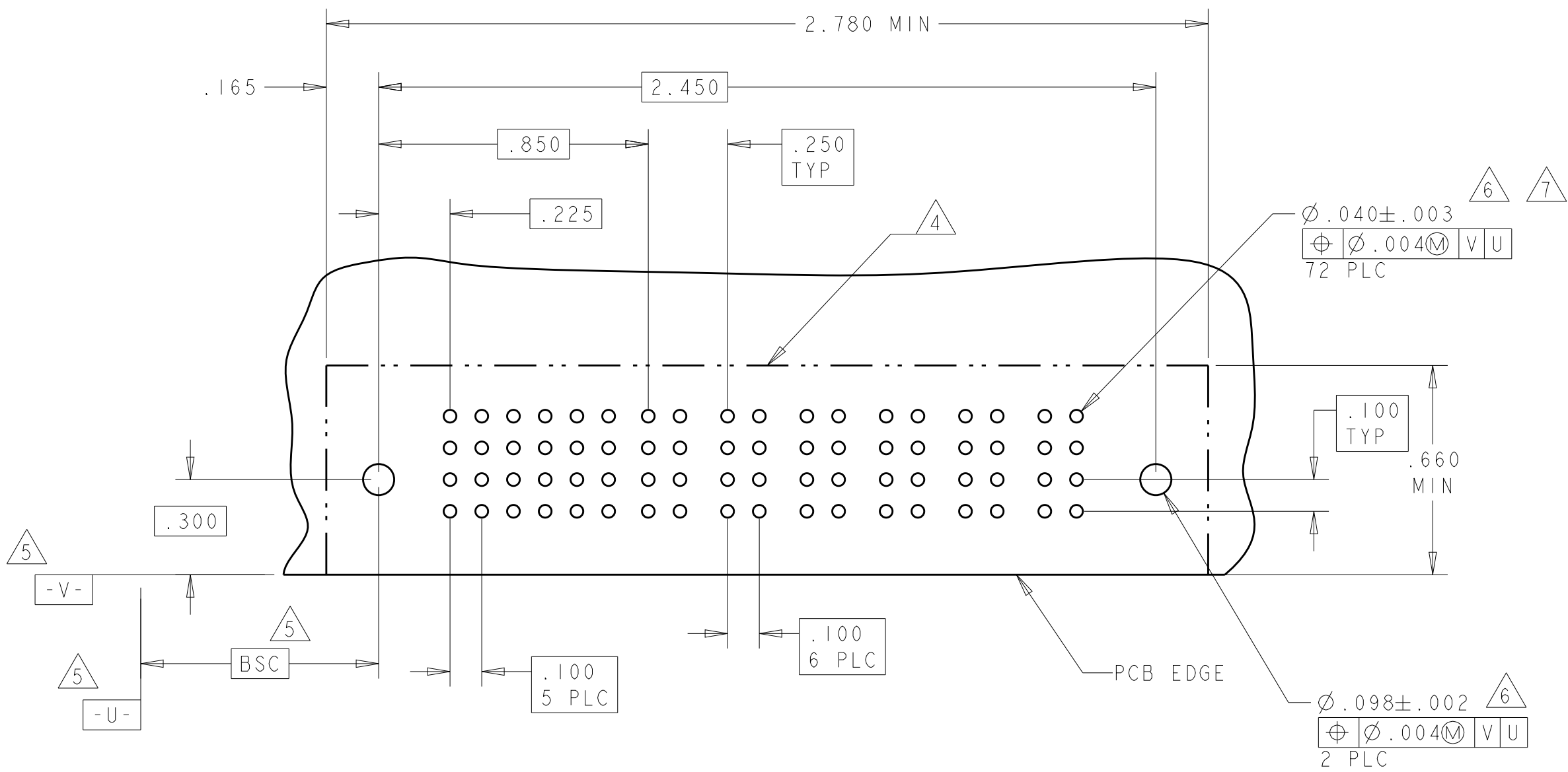
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			1	2	3	4	P1	P2	P3	P4	P5	
6450131-3	D		J	J	J	J	PM	PM	PM	PM	PM	
	C		K	K	K	K						
	B		N	N	N	N						
	A		S	S	S	H						
16S + 5P												



PART NUMBER	ROWS		SIGNAL						POWER															
			1	2	3	4	5	6	P1	P2	P3	P4	P5	P6	P7	P8	P9	P10	P11	P12	P13	P14		
6450131-4	D		J	J	J	J	J	J	PM	PM	PM	PM	PM	PM	PM	PM	PM	PM	PM	PM	PM	PM		
	K		K	K	K	K	K																	
	N		N	N	N	N	N	N																
	S		S	H	H	S	S																	
24S + 14P																								



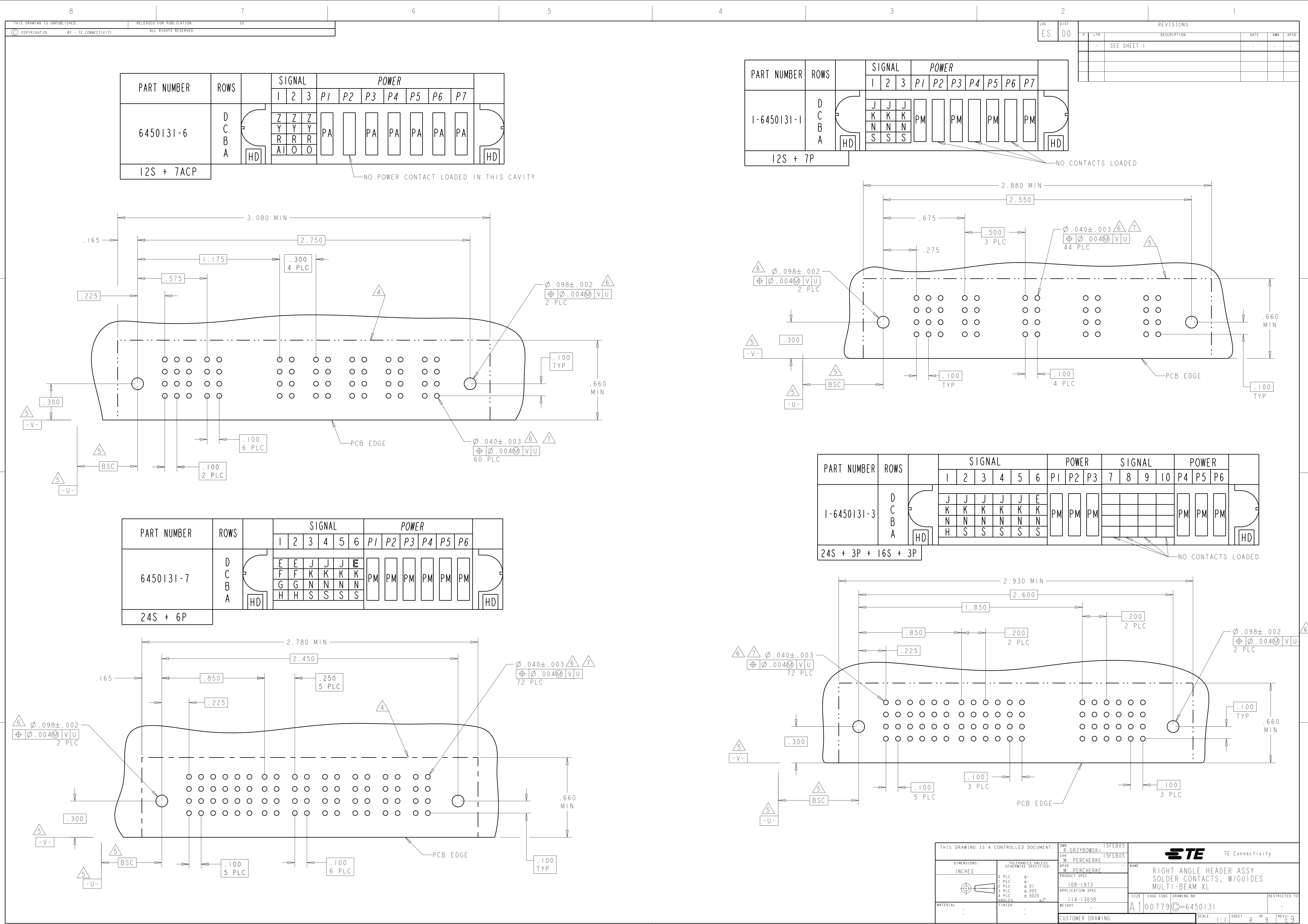
PART NUMBER	ROWS		SIGNAL						POWER						
			I	2	3	4	5	6	P1	P2	P3	P4	P5	P6	
6450131-5	D		J	J	J	J	J	E	PM	PM	PM	PM	PM	PM	
	C		K	K	K	K	K	K							
	B		N	N	N	N	N	N							
	A		H	S	S	S	S	S							
24S + 6P															



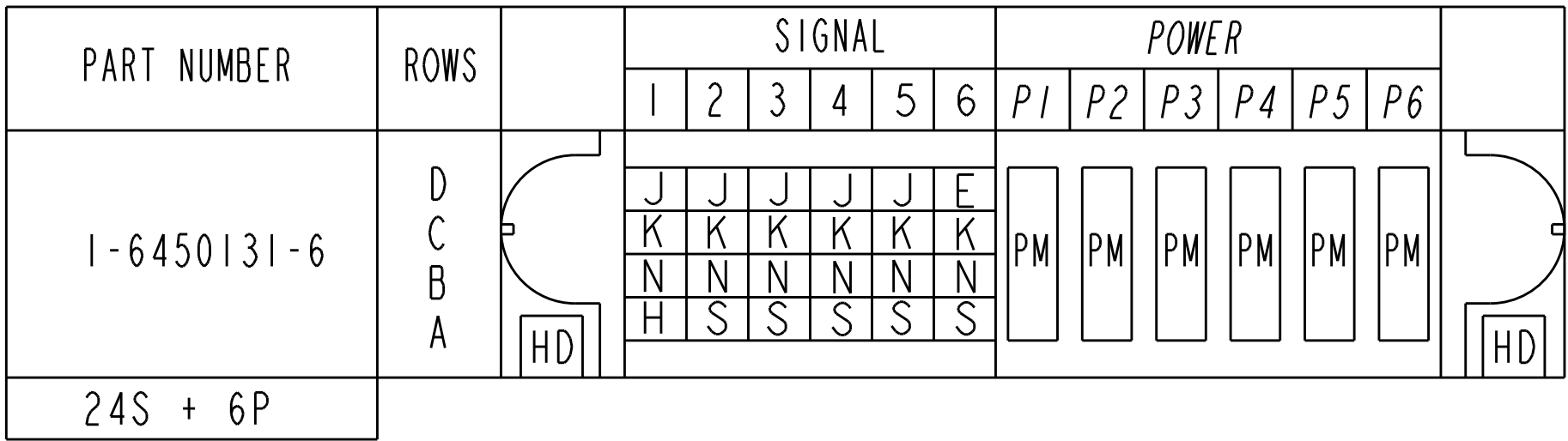
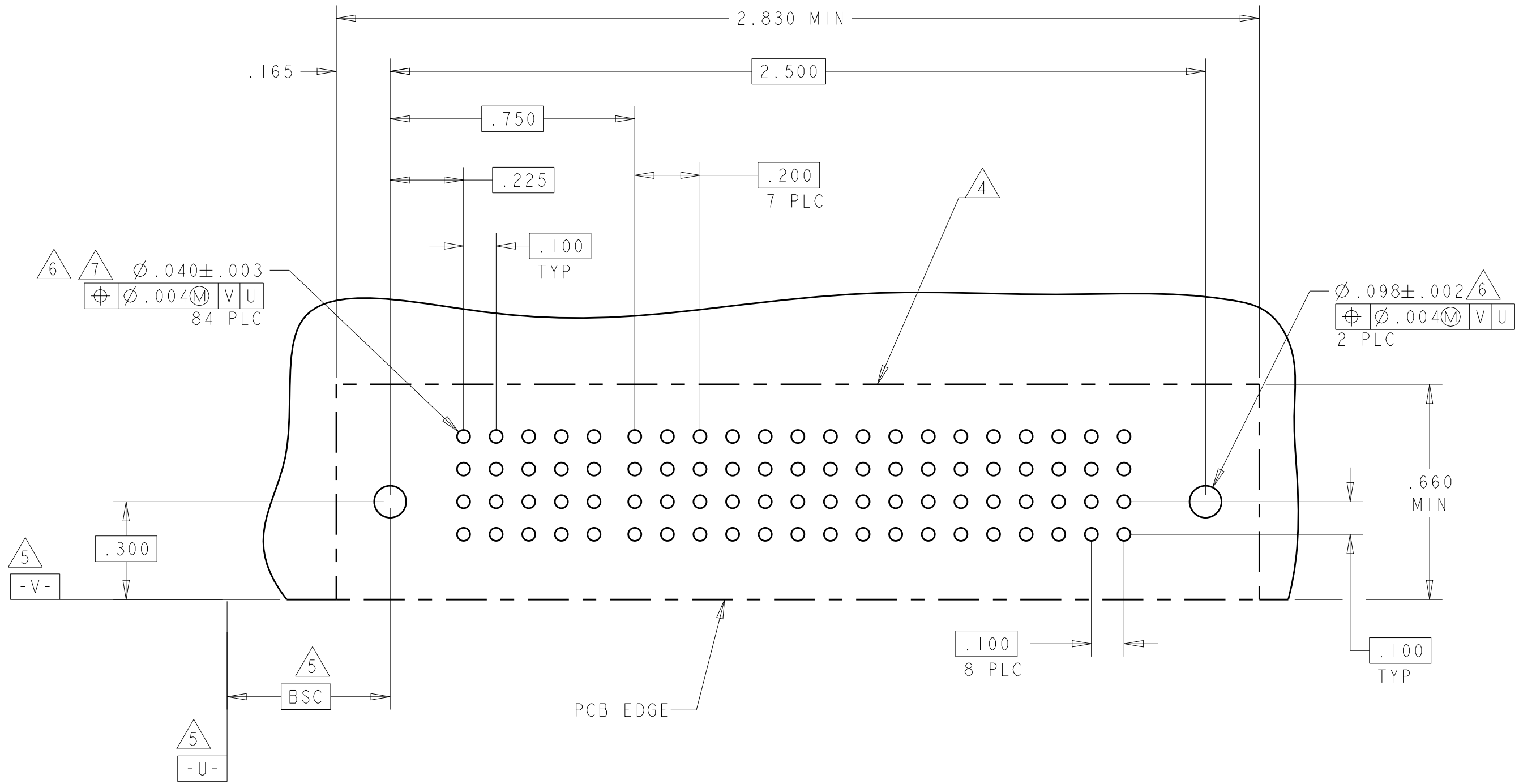
PA	.090
PM	.135
CODE	TAIL LENGTH
POWER CONTACT	

Z	STD	.090	D
Y	STD	.090	C
R	STD	.090	B
O	STD	.090	A
A4	MLBF	.090	D
A3	MLBF	.090	C
A2	MLBF	.090	B
A1	MLBF	.090	A
E	MLBF	.135	D
F	MLBF	.135	C
G	MLBF	.135	B
H	MLBF	.135	A
FJ	MFBF	.135	D
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.		DWN R. GRZYBOWSKI	15FEB05	TE Connectivity	
DIMENSIONS: INCHES		CHK M. PERCHERKE	15FEB05		
		APVD M. PERCHERKE	-	NAME RIGHT ANGLE HEADER ASSY SOLDER CONTACTS, W/GUIDES MULTI-BEAM XL	
		PRODUCT SPEC 108-1973	-		
MATERIAL -		APPLICATION SPEC 114-13038	-	SIZE A1	
FINISH -		WEIGHT -	-		
CUSTOMER DRAWING		CAGE CODE 00779		DRAWING NO 6450131	
		RESTRICTED TO -		REV E9	



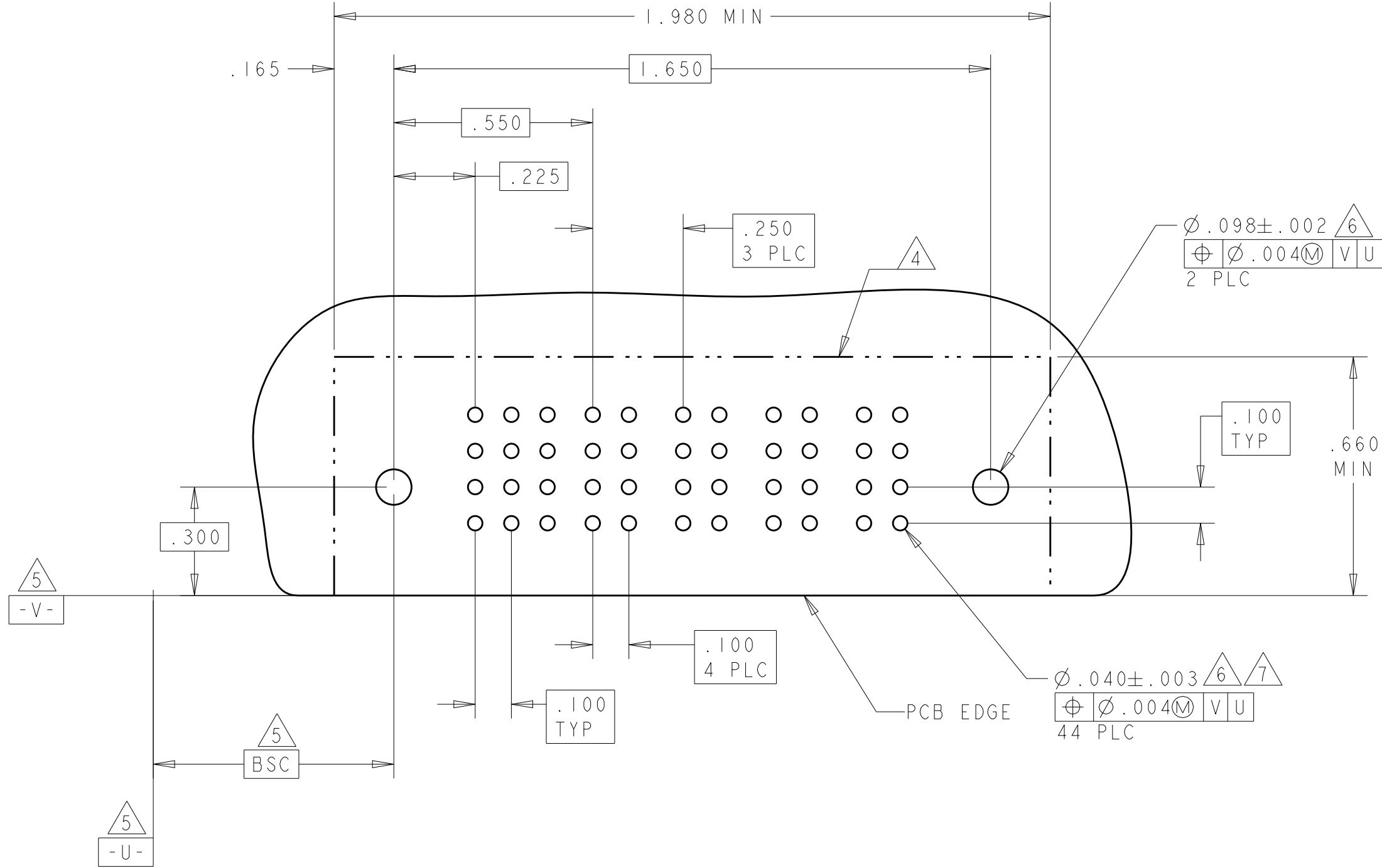
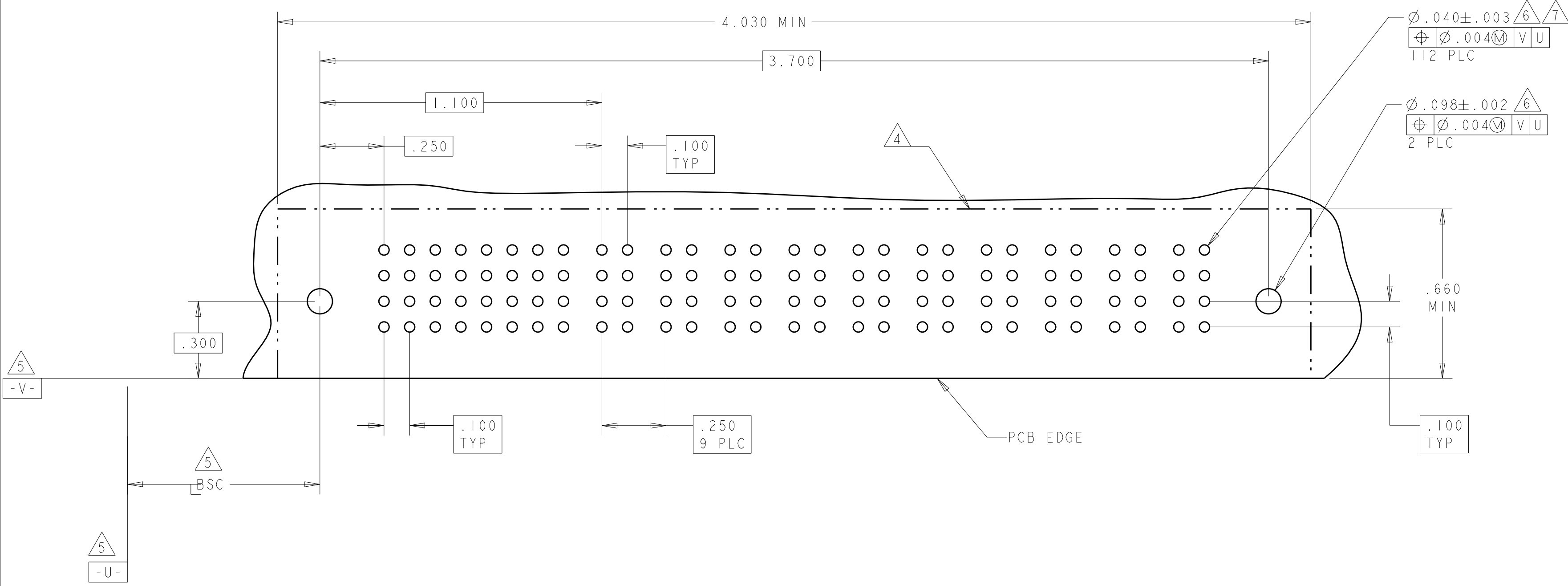
PART NUMBER	ROWS		SIGNAL					POWER								
			1	2	3	4	5	P1	P2	P3	P4	P5	P6	P7	P8	
I-6450131-5	D		J	J	J	J	J									
	K		K	K	K	K	K									
	N		G	N	N	N	N									
	S		S	S	S	S	S									
20S + 8P																

4805 (3/11)

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

PART NUMBER	ROWS		SIGNAL								POWER										
			1	2	3	4	5	6	7	8	P1	P2	P3	P4	P5	P6	P7	P8	P9	P10	
I-6450131-8	D		J	J	J	J	J	J	J	J	PM	PM	PM	PM	PM	PM	PM	PM	PM	PM	
	K		K	K	F	F	K	K	K												
	N		N	N	G	G	N	N	N												
	S		S	S	S	S	S	S	S												
32S + 10P																					

PART NUMBER	ROWS		SIGNAL			POWER				
			1	2	3	P1	P2	P3	P4	
I-6450131-9	D		J	FJ	FJ	PM	PM	PM	PM	
	C		K	K	K					
	B		N	N	N					
	A		H	H	S					
12S + 4P										



THIS DRAWING IS A CONTROLLED DOCUMENT.

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

15FEB05
15FEB05
-

DIMENSIONS:
INCHES

0 PLC ±.01
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 -

MATERIAL -

CUSTOMER DRAWING

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

SIZE
A1

CAGE CODE
100779

DRAWING NO
6450131

RESTRICTED TO
-

SCALE
1:1

SHEET
7

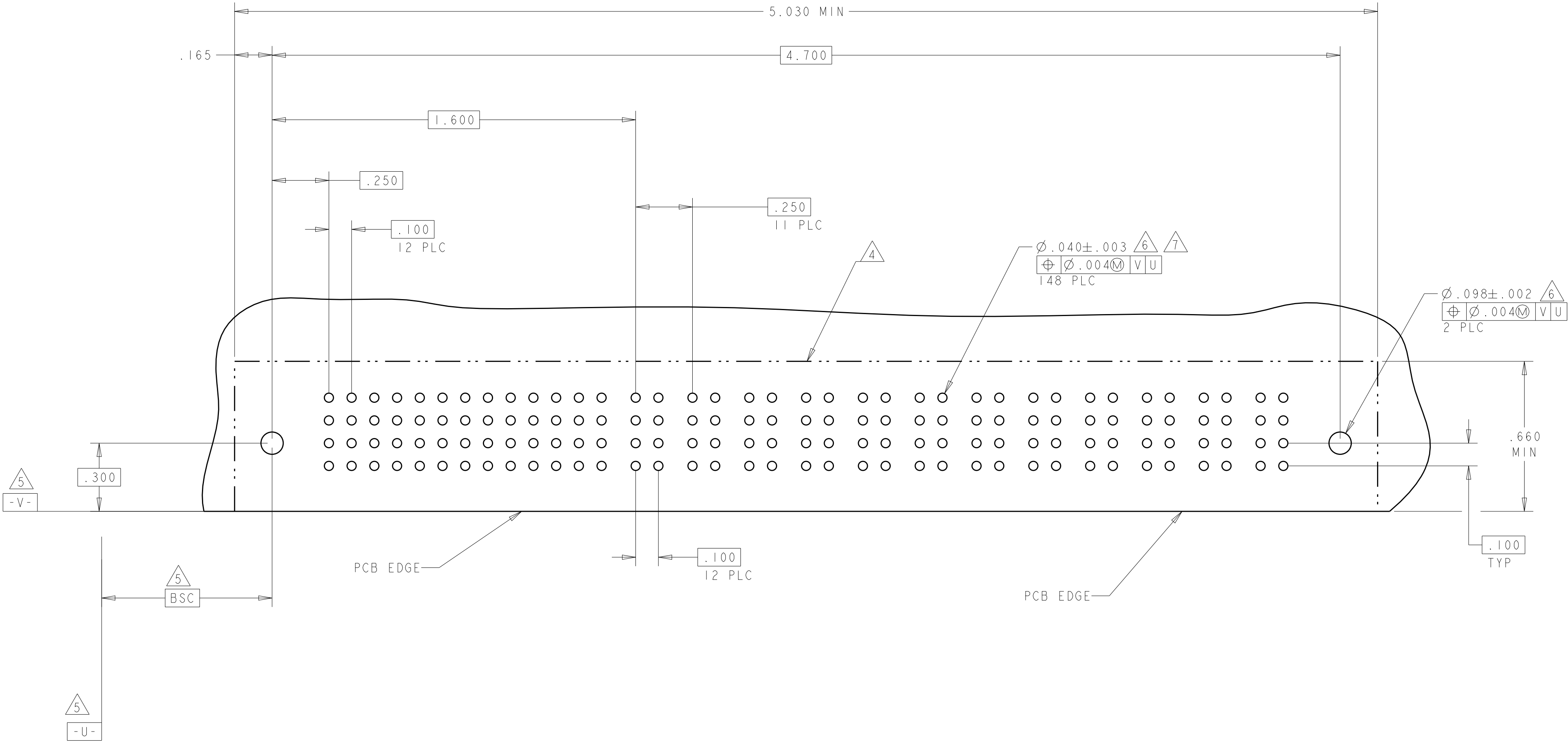
OF
9

REV
E9

TE Connectivity

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

PART NUMBER	ROWS		SIGNAL													POWER													
			1	2	3	4	5	6	7	8	9	10	11	12	13	P1	P2	P3	P4	P5	P6	P7	P8	P9	P10	P11	P12		
2-6450131-3	D	HD	J	J	J	J	J	J	J	J	J	J	J	J	J		PM	PM	PM	PM	PM	PM	PM	PM	PM	PM	PM	PM	
	C		K	K	K	K	K	F	F	K	K	K	K	K	K														
	B		N	N	N	N	N	G	G	N	N	N	N	N	N														
	A		S	S	S	S	S	S	S	S	S	S	S	S	S														
52S + 12P																													



THIS DRAWING IS A CONTROLLED DOCUMENT.

DWN R. GRZYBOWSKI 15FEB05
CHK M. PERCHERKE 15FEB05
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

-

DRAWING NO

114-13038

WEIGHT

-

CUSTOMER DRAWING

SCALE 1:1

NAME

RIGHT ANGLE HEADER ASSY
SOLDER CONTACTS, W/GUIDES
MULTI-BEAM XL

SIZE

A1

CAGE CODE

00779

DRAWING NO

6450131

RESTRICTED TO

-

SHEET

9

OF

9

REV

E9

TE Connectivity