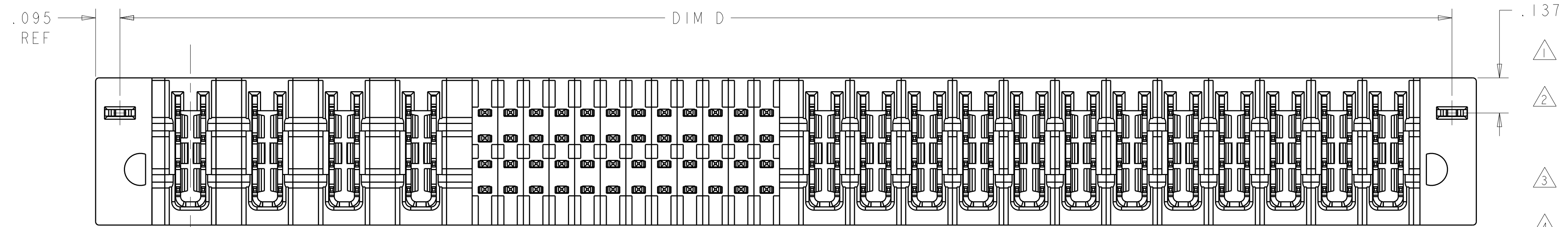
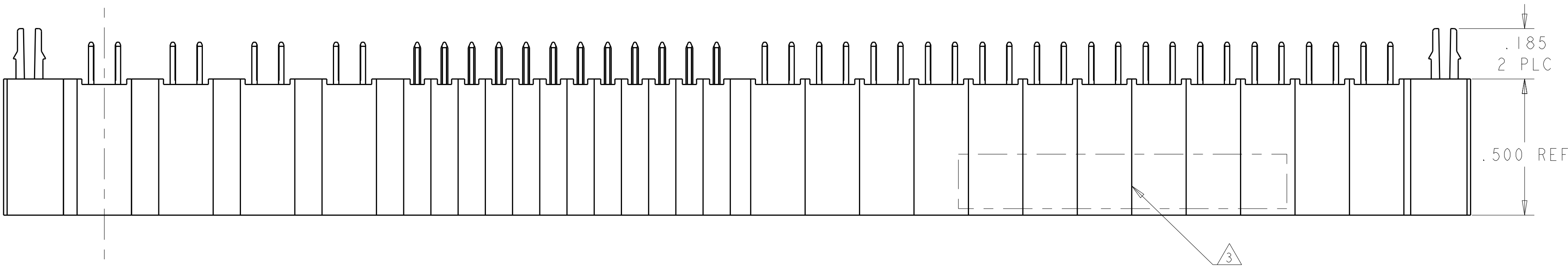
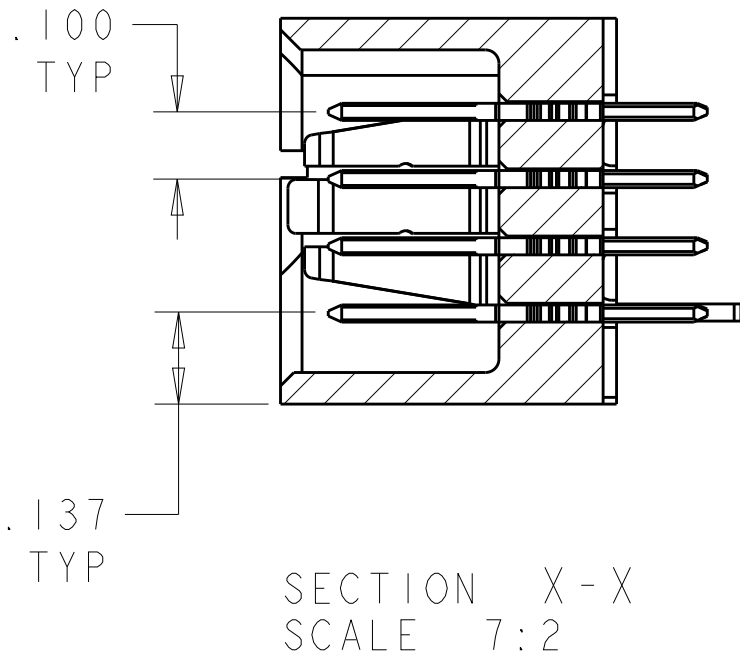
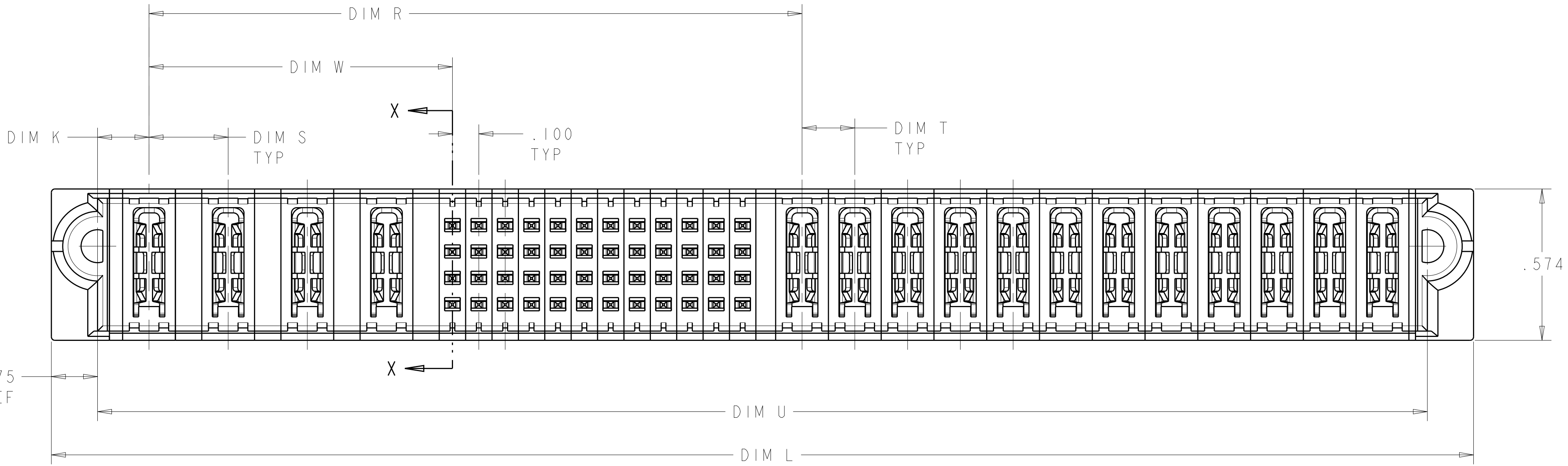
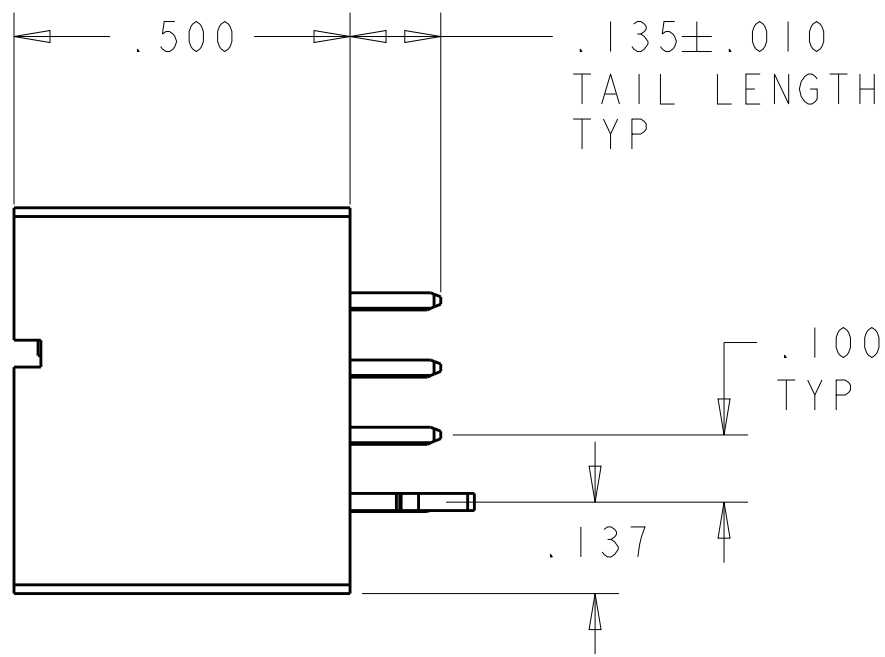


LOC		DIST		REVISIONS					
ES		00		P	LTR	DESCRIPTION	DATE	DWN	APVD
					D1	RELEASE 1-1	02MAR2015	CZ	SZ
					D2	ADD NEW DASH NUMBER 1-2	10MAY2015	CZ	SZ



- △ 1 HEADER HOUSING: THERMO PLASTIC, BLACK, UL94 V-0; CONTACTS AND RETENTION CLIPS: COPPER ALLOY.
- △ 2 CONTACT PLATING: NOBLE METAL PLATING ON CONTACT FUNCTIONAL AREA OF POWER AND SIGNAL CONTACTS
RETENTION CLIP: .000050 MIN. NI UNDER ALL,.000030 MIN. MATTE Sn OVER ALL
- △ 3 "AMP", PART NUMBER AND DATE CODE MARKED IN THIS AREA. PARTS UNDER 2.50 LONG MAY BE MARKED ON BOTH SIDES.
- △ 4 DATUM AND BASIC DIMENSIONS ESTABLISHED BY CUSTOMER.
- △ 5 PCB - ALL HOLE DIAMETERS ARE FINISHED HOLE SIZES.
- △ 6 MECHANICAL CONNECTOR KEEP OUT ZONE.
- △ 7 DETAIL DIM.REFER TO VIEW
- △ 8 FOR LP/S/LP CONFIGURATION, PLEASE REFER TO SHEET 2.
- △ 9 DETAIL DIM.REFER TO TABLE



THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN	D. ZHU	27DEC2007	 TE Connectivity				
		CHK	S. ZHAO	27DEC2007					
DIMENSIONS:		APVD	S. ZHAO	27DEC2007	NAME	VERTICAL HEADER W/ GUIDES SOLDER TYPE CONTACT, MULTI-BEAM XLE			
INCHES									
									
					PRODUCT SPEC				
					108-2292				
					APPLICATION SPEC				
					114-13251				
MATERIAL					WEIGHT				
					Customer Drawing				
					SCALE 4:1				
					SHEET 1 OF 10				
					REV D2				

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

.250	3.100	1.975	.250	5.190	5.350	5.540	.170	8P + 40S + 8P	1-6450810-2
-	.965	.1575	-	1.170	-	1.520	.1025	1LP + 32S + 1LP	1-6450810-1
-	-	-		2.740	2.900	3.090	.170	11P	1-6450810-0
-	-	3.050		3.940	4.100	4.290	.195	10P + 28S	6450810-9
-	-	-	.200	.740	.900	1.090	.170	3HDP	6450810-8
-	.965	.1575	-	1.170	-	1.520	.1025	1LP + 32S + 1LP	6450810-7
.115	.480	.270	.115	.915	1.075	1.265	.105	2LP + 8S + 3LP	6450810-6
.115	.380	.270	.115	.815	.975	1.165	.105	2LP + 4S + 3LP	6450810-5
.200	.800	.350	.200	1.490	1.650	1.840	.145	2HDP + 16S + 3HDP	6450810-4
				5.040	5.200	5.390	.170	2P+16S+1P+2ACP+5P+2ACP+1P+16S+1P+8S	6450810-3
	2.525	1.525		5.640	5.800	5.990	.195	5P + 28S + 8P	6450810-2
.200	2.475	1.150	.300	5.040	5.200	5.390	.195	4ACP + 48S + 12HDP	6450810-1
DIM T	DIM R	DIM W	DIM S	DIM U	DIM D	DIM L	DIM K	DESCRIPTION	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.

DWN
D.ZHU
CHK
S.ZHAO
APVD
S.ZHAO

27DEC2007
27DEC2007
27DEC2007

DIMENSIONS:
INCHES

TOLERANCES UNLESS OTHERWISE SPECIFIED:

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

-
-

PRODUCT SPEC
108-2292
APPLICATION SPEC
114-13251

WEIGHT
-

Customer Drawing

NAME
VERTICAL HEADER W/ DUIDES
SOLDER TYPE CONTACT,
MULTI-BEAM XLE

SIZE
A1

CAGE CODE
00779

DRAWING NO
6450810

RESTRICTED TO
-

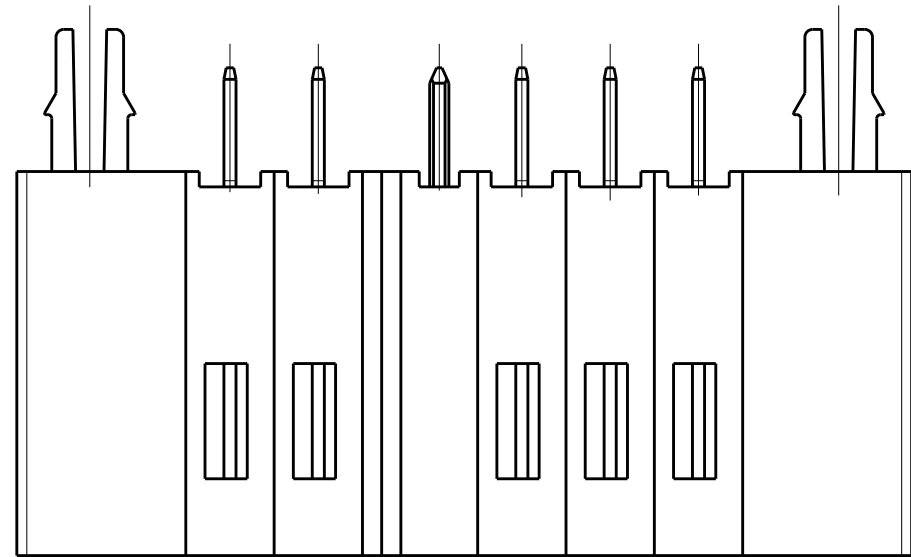
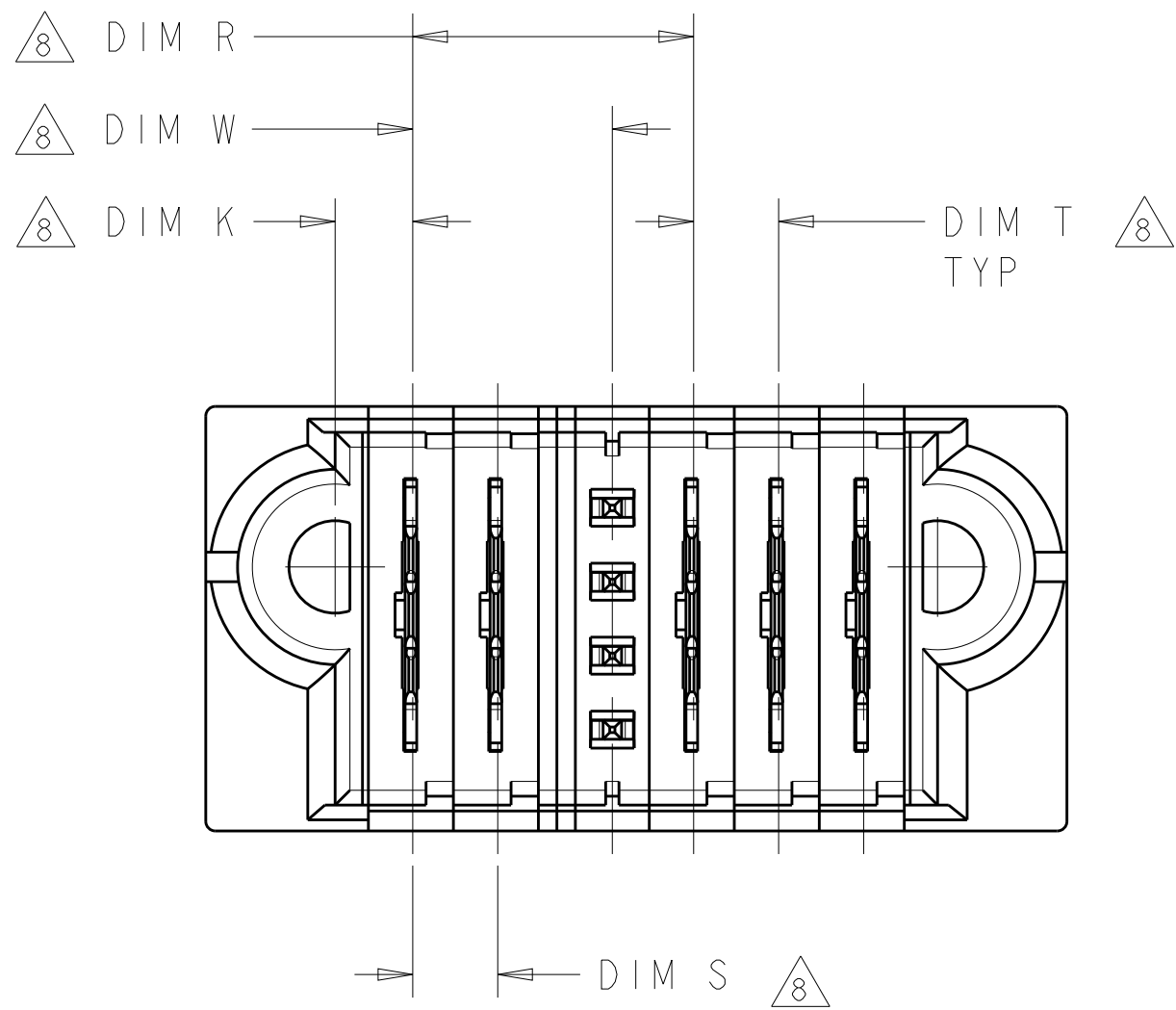
SCALE
4:1

SHEET
2

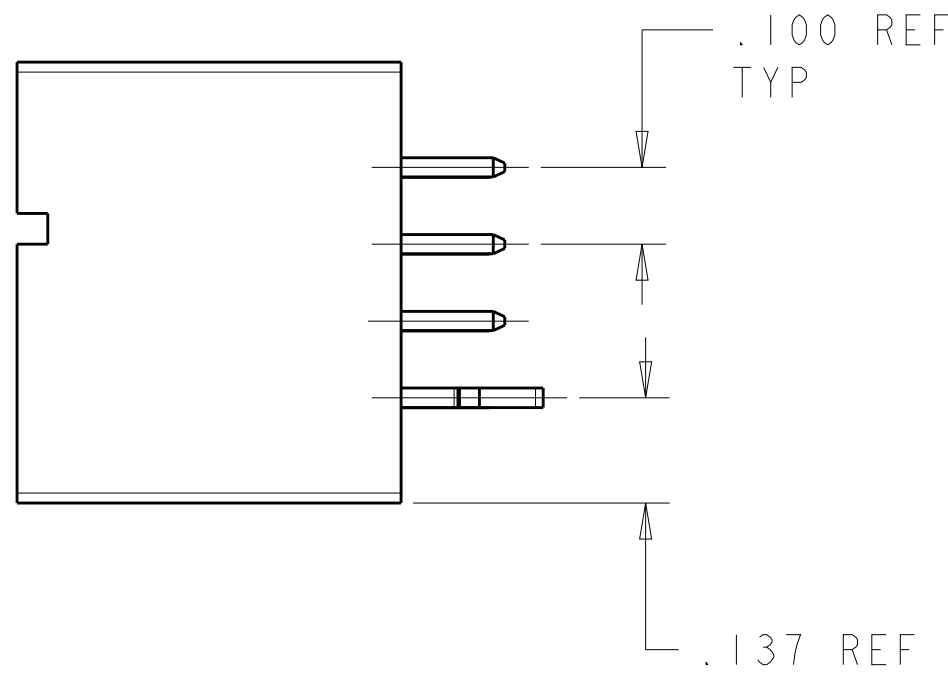
OF
10

REV
D2

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

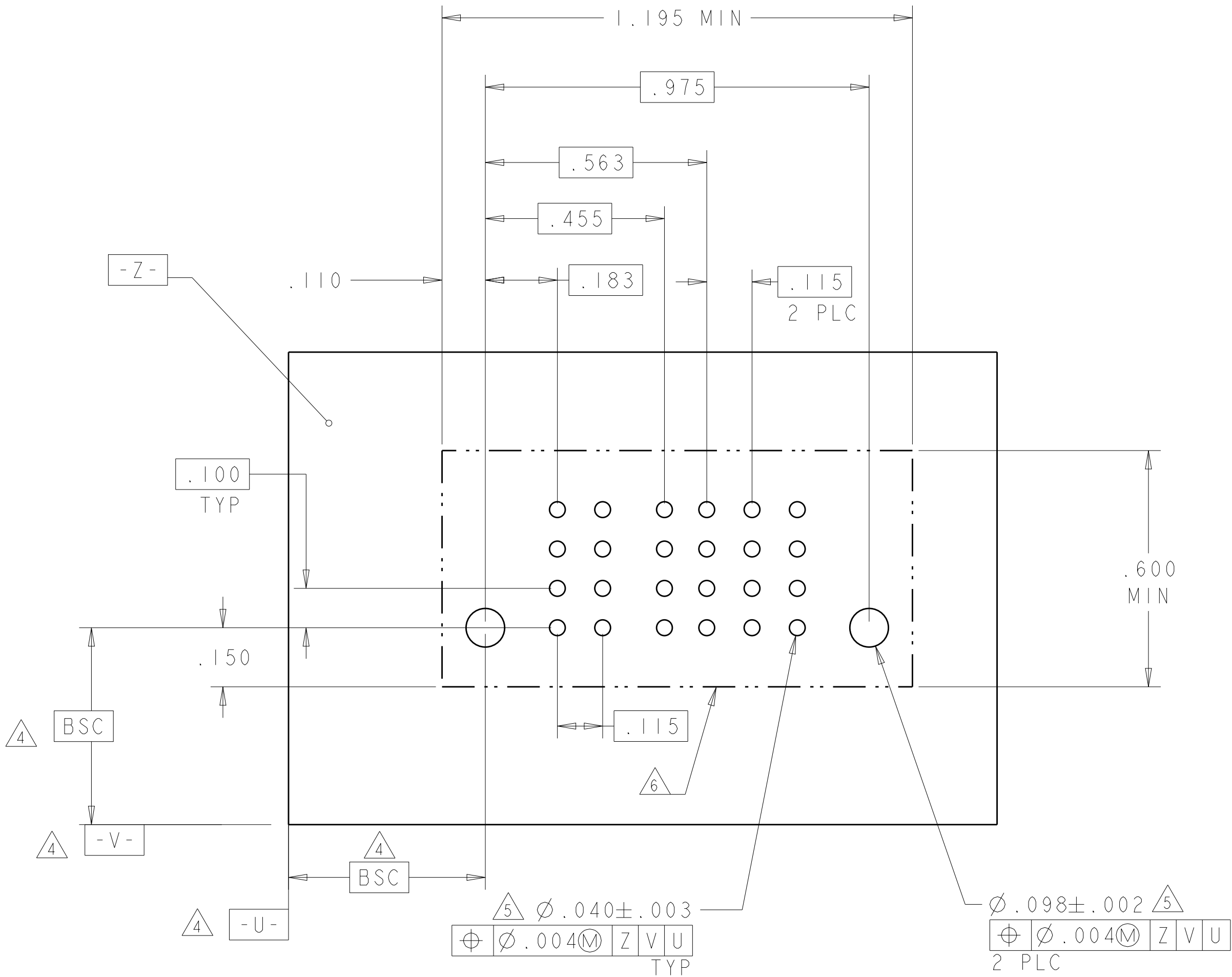


(BI) FOR LP/S/LP (6450810-5/-6/-7) CONFIGURATION
UNSPECIFIED DIM REFER TO SHEET 1



(BI)

PART NUMBER	ROWS		POWER		SIGNAL	POWER			
			P1	P2	I	P3	P4	P5	
6450810-5	D		LX	LX	MV	LXF	LXF	LXF	
	C				MV				
	B				MV				
	A				MV				
2LP+4S+3LP		HD							HD

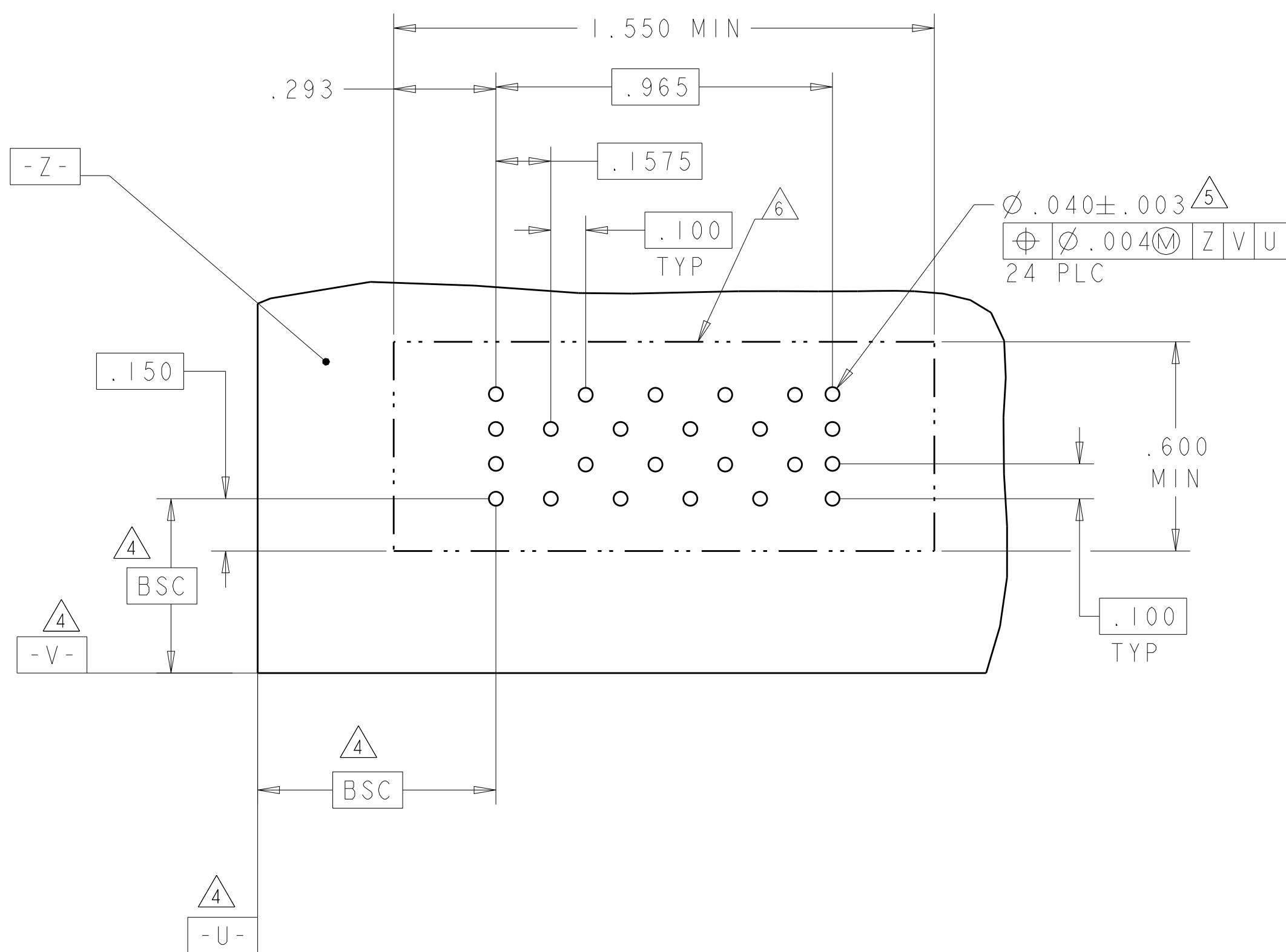


DESIGN APPROVED THIS PRINT IS
PRELIMINARY
TO FIRST PIECE APPROVAL
CONTACT PRODUCT ENGINEERING
BEFORE USING THIS PRINT

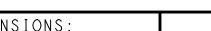
THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN D. ZHU	27DEC2007	 TE Connectivity	
DIMENSIONS: INCHES		CHK S. ZHAO	27DEC2007		
		APVD S. ZHAO	27DEC2007	NAME VERTICAL HEADER W/ DUIDES SOLDER TYPE CONTACT, MULTI-BEAM XLE	
		TOLERANCES UNLESS OTHERWISE SPECIFIED:			
		PRODUCT SPEC 108-2292		SIZE A	
		APPLICATION SPEC 114-13251			
MATERIAL -		FINISH -	WEIGHT -	DRAWING NO 00779	
		Customer Drawing		C=6450810	
				RESTRICTED TO -	
				SCALE 4:1	
				SHEET 3 OF 10	
				REV D2	

[illegible]

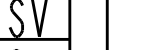
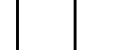
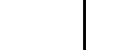
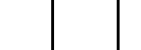
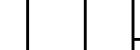
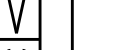
©

4805 (3/11)

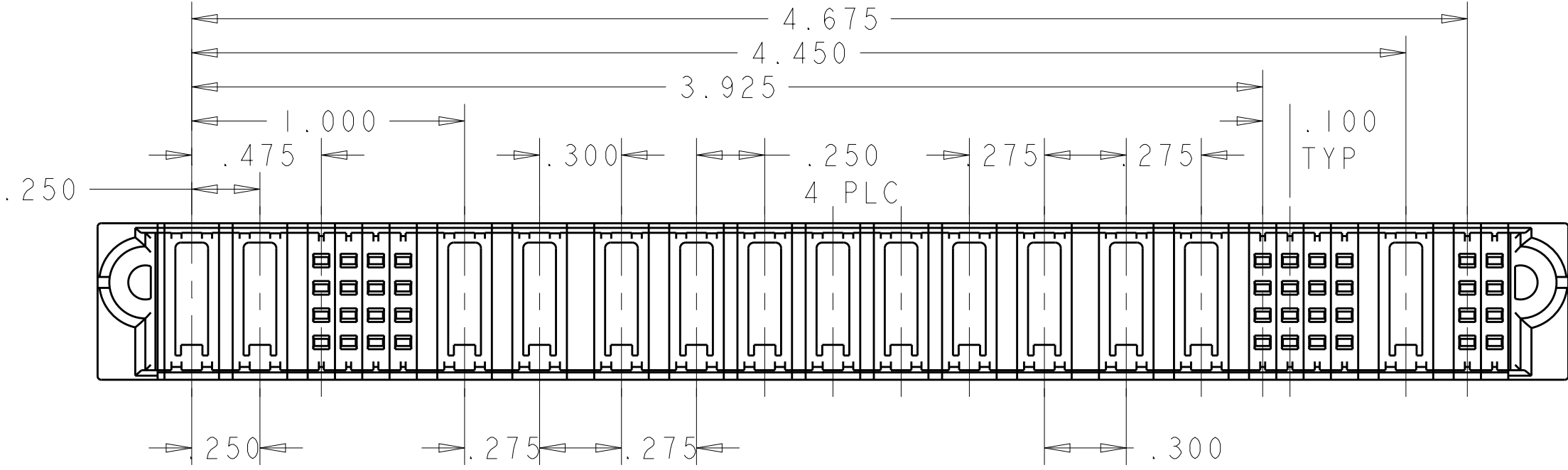
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THIS DRAWING IS A CONTROLLED DOCUMENT.		DWG NO. 27DEC2007 CHG. 1 S. ZHAO 27DEC2007		 TE Connectivity	
DIMENSIONS: INCHES 		TOLERANCES, UNLESS OTHERWISE SPECIFIED: DECIMALS: ±.010 FRACTIONS: ±.005 ANGLES: ±2°		NAME: VERTICAL HEADER W/ DUIDES SOLDER TYPE CONTACT, MULTI-BEAM XLE	
		PRODUCT SPEC: 108-2292 APPLICATION SPEC: 114-13251		SIZE: CASE CODE: DRAWING NO: 114-13251-1	
MATERIAL: - FINISH: -		WEIGHT: - Customer Drawing		RESTRICTED TO: - SCALE: 4:1 SHEET 5 OF 10 REV D2	

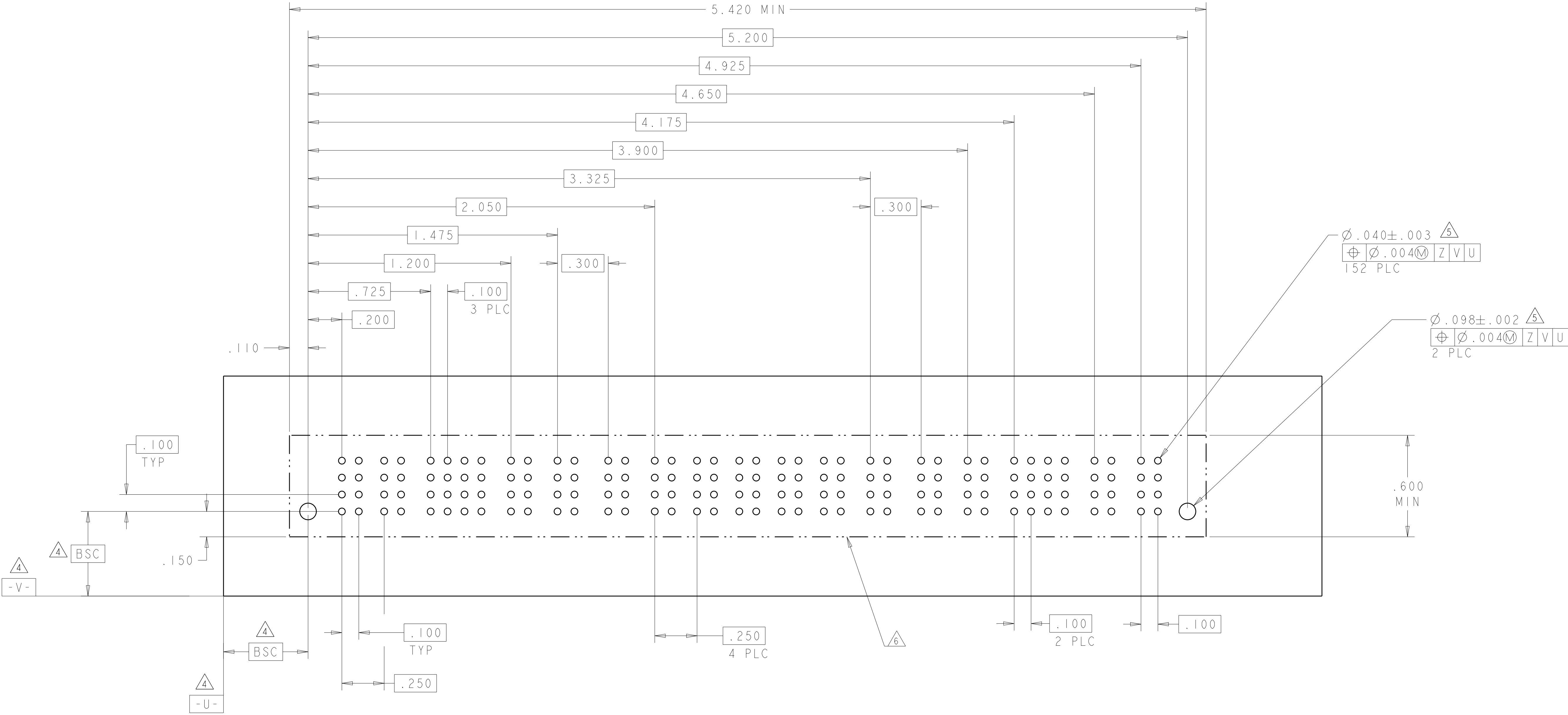
LOC	DIST	REVISIONS					
ES	00	P	LTR	DESCRIPTION	DATE	DWN	APVD
		-		SEE SHEET 1	-	-	-

PART NUMBER	ROWS		POWER		SIGNAL				POWER										SIGNAL				POWER	SIGNAL																	
			P1	P2	1	2	3	4	P3	P4	P5	P6	P7	P8	P9	P10	P11	P12	P13	5	6	7	8	P14	9		10														
6450810-3	D C B A		SZ		SV	SV	SV	SV		SZ	SZ		SZ		SZ		SZ	SZ		SV	SV	SV	SV		SV	SS															
					SV	SV	SV	SV												SV	SV	SV	SV		SV	SV		SV	SV	SV	SV	SV	SV								
					SV	SV	SV	SV												SV	SV	SV	SV		SV	SV		SV	SV	SV	SV	SV	SV	SV	SV	SV	SV	SV	SV	SV	SV
					SS	SV	SV	SV												SV	SV	SV	SV		SV	SV		SV	SV	SV	SV	SV	SV	SV	SV	SV	SV	SV	SV	SV	SV
2P+16S+1P+2ACP+5P+2ACP+1P+16S+1P+8S																																									

NO CONTACTS LOADED

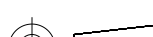


SCALE 2:1
6450810-3



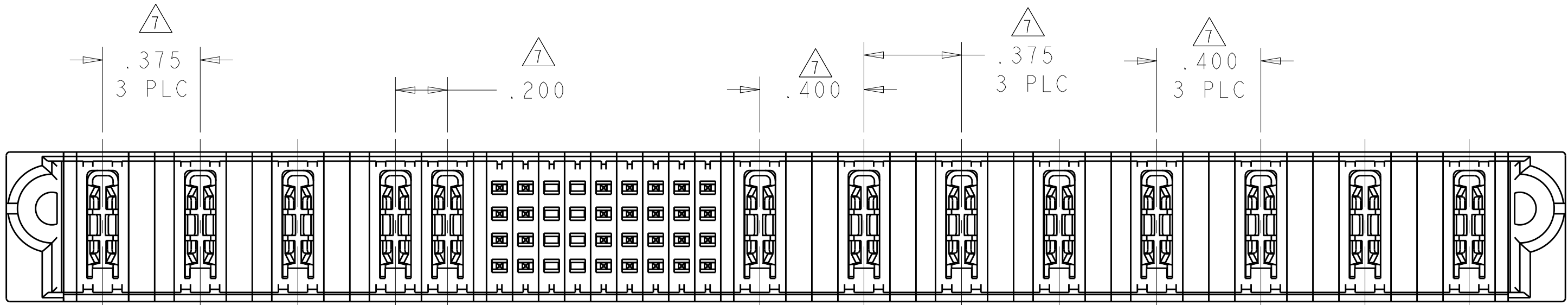
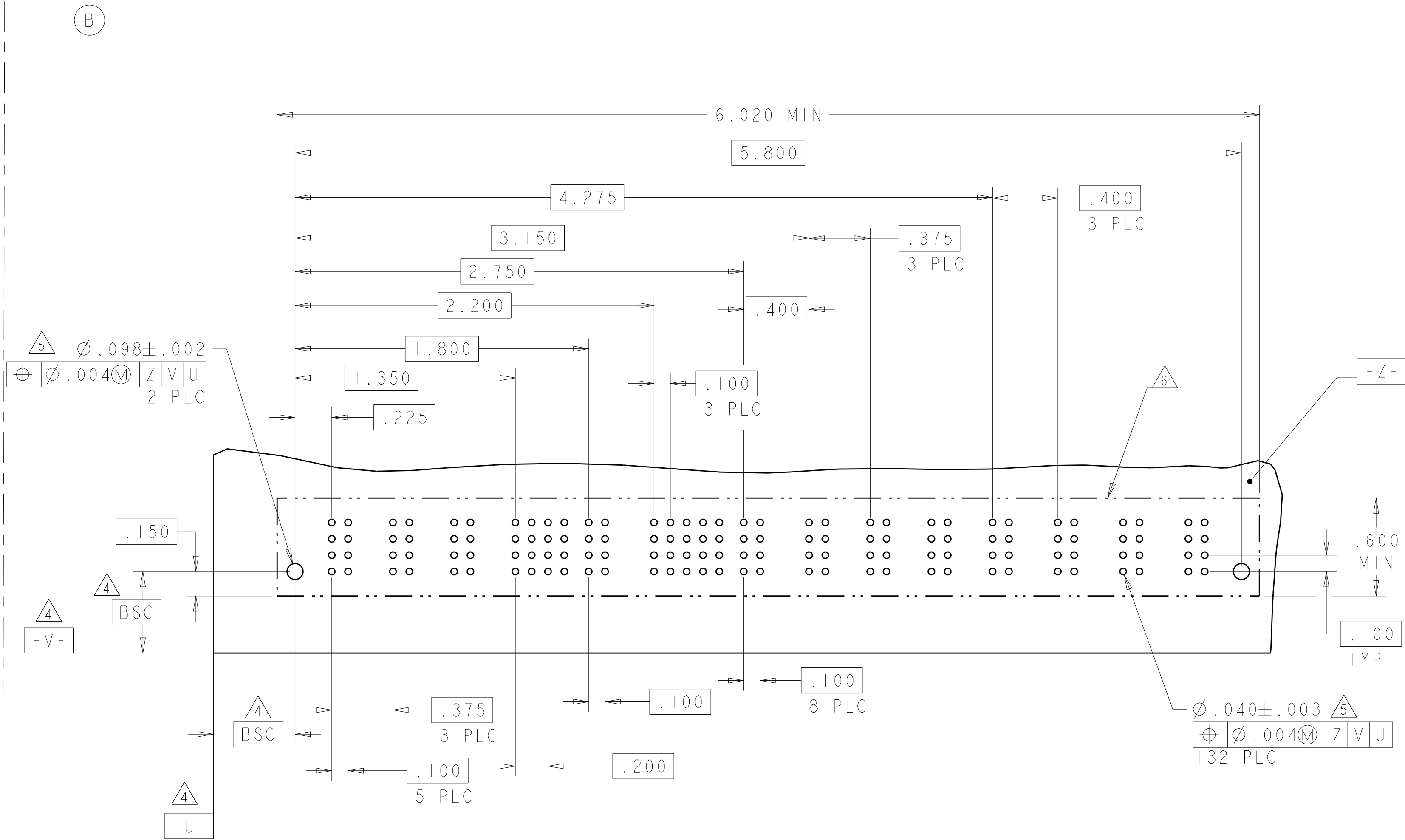
$\phi .040 \pm .003$
 $\oplus \phi .004 \text{ M}$ Z V U
152 PLC

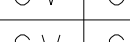
$\phi .098 \pm .002$
 $\oplus \phi .004 \text{ M}$ Z V U
2 PLC

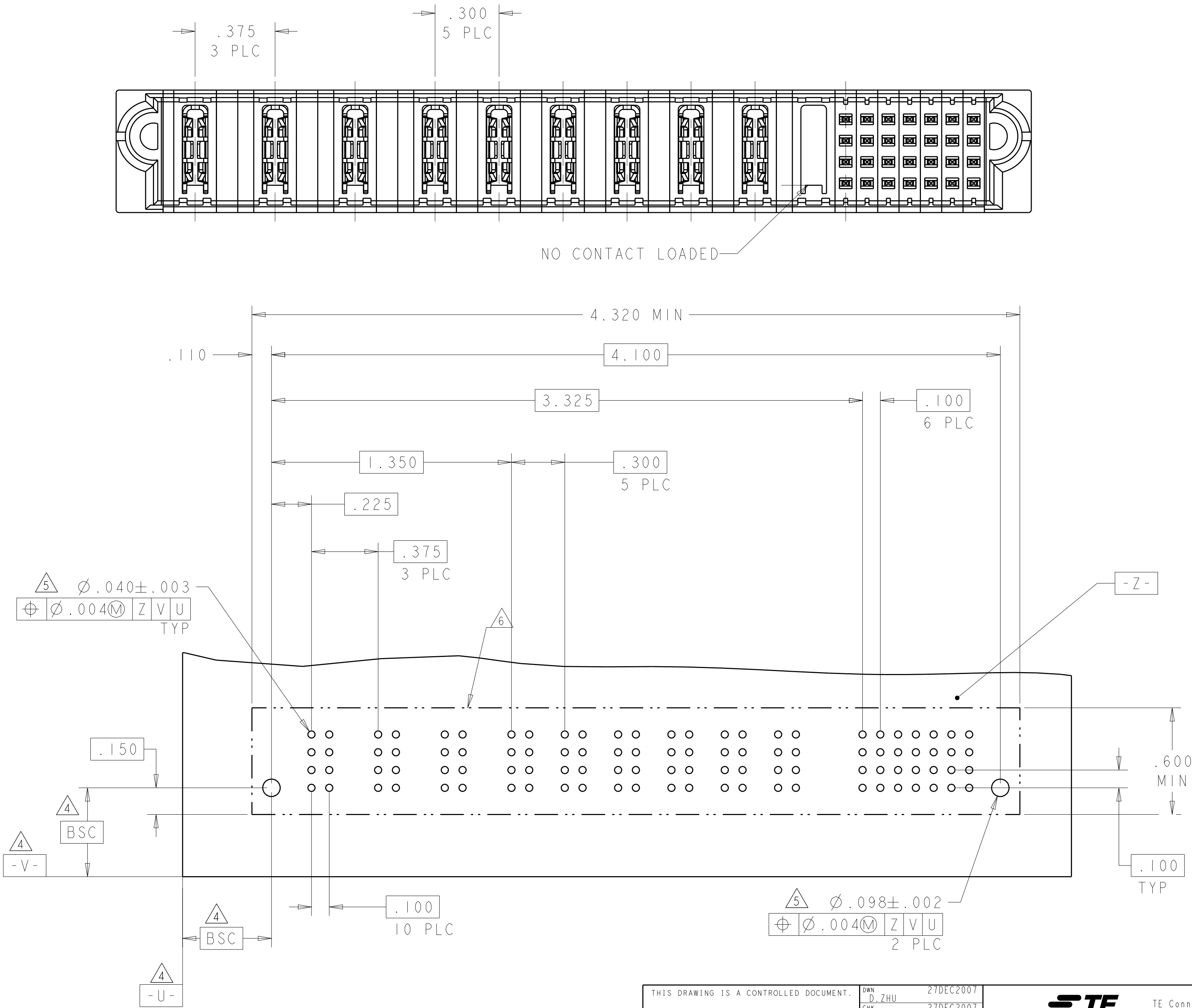
THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN D. ZHU 27DEC2007	 TE Connectivity		
<div>DIMENSIONS: INCHES</div> <div></div>		CHK S. ZHAO 27DEC2007			
		APVD S. ZHAO 27DEC2007			
		PRODUCT SPEC 108-2292			
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APPLICATION SPEC 114-13251		NAME VERTICAL HEADER W/ DUIDES SOLDER TYPE CONTACT, MULTI-BEAM XLE	
0 PLC ±.01		WEIGHT -		SIZE CAGE CODE DRAWING NO RESTRICTED TO	
2 PLC ±.01		Customer Drawing		A100779C=6450810	
3 PLC ±.005				SCALE 4:1 SHEET 6 OF 10 REV D2	
4 PLC ±.0020					
ANGLES ±.0020					
FINISH					
MATERIAL					

PART NUMBER	ROWS		POWER					SIGNAL																	
			P1	P2	P3	P4	P5	1	2	3	4	5	6	7	8	9	P6	P7	P8	P9	P10	P11	P12	P13	
6450810-2	D		SZ	SZ	SZ	SZ	SZ	SV	SV			SV	SV	SV	SV	SV	SZ	SZ	SZ	SZ	SZ	SZ	SZ	SZ	
	C							SV	SV			SV	SV	SV	SV	SV									
	B							SV	SV			SV	SV	SV	SV	SV									
	A							SV	SV			SV	SV	SV	SV	SV									
5P+28S+8P		HD																					HD		

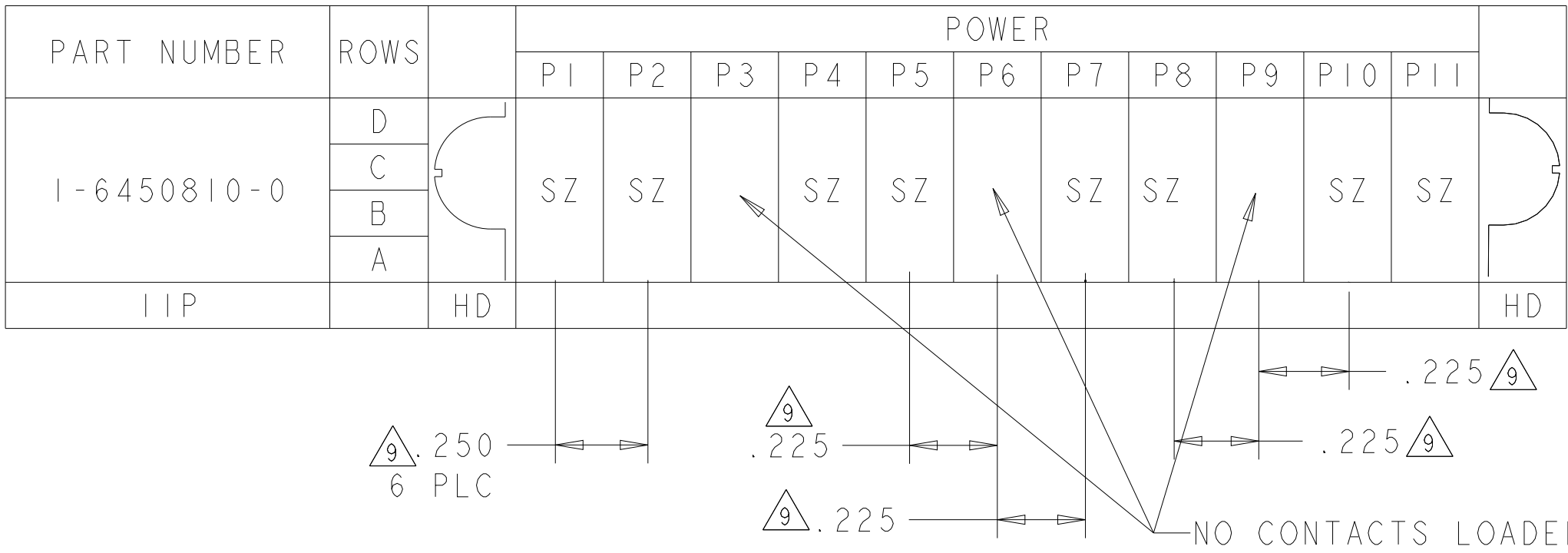
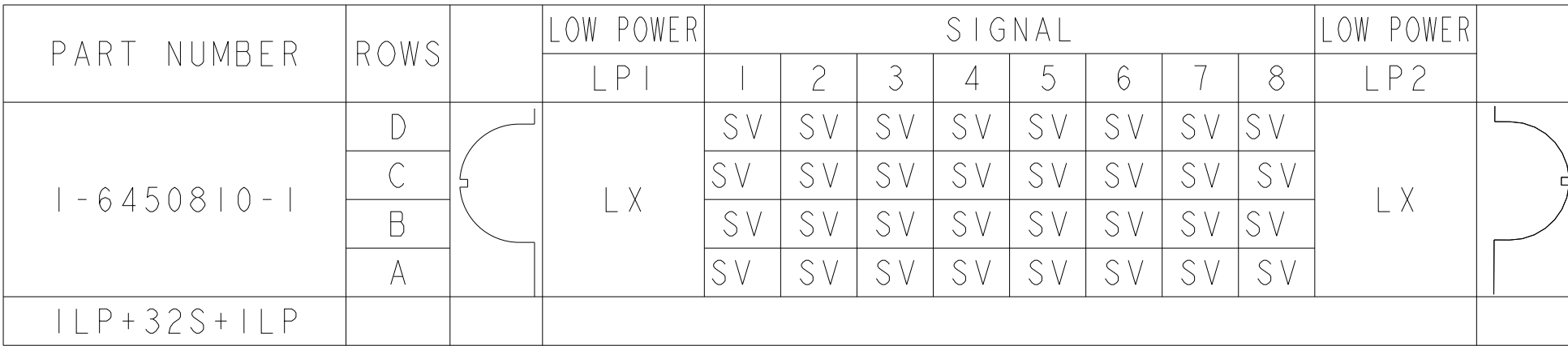
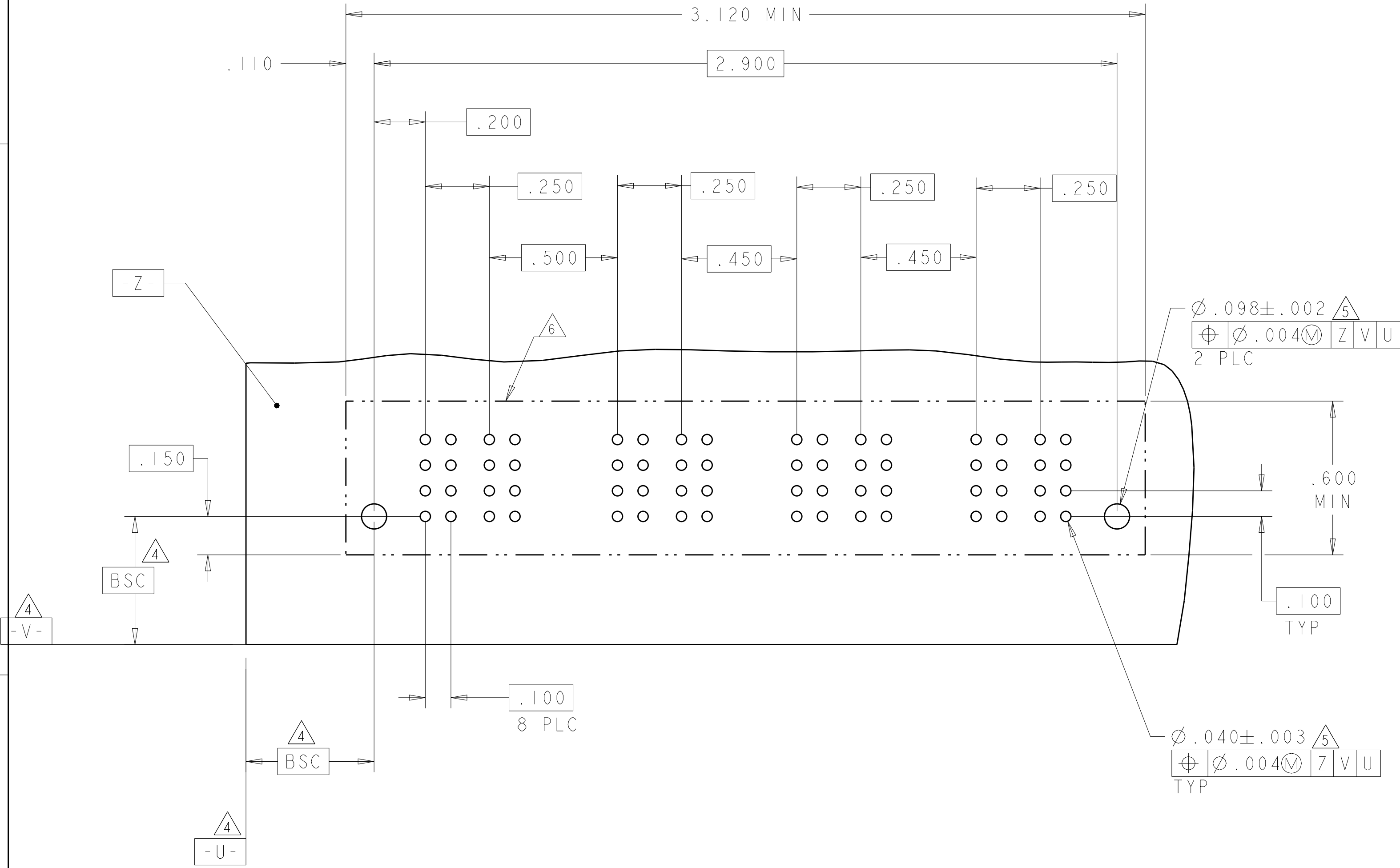
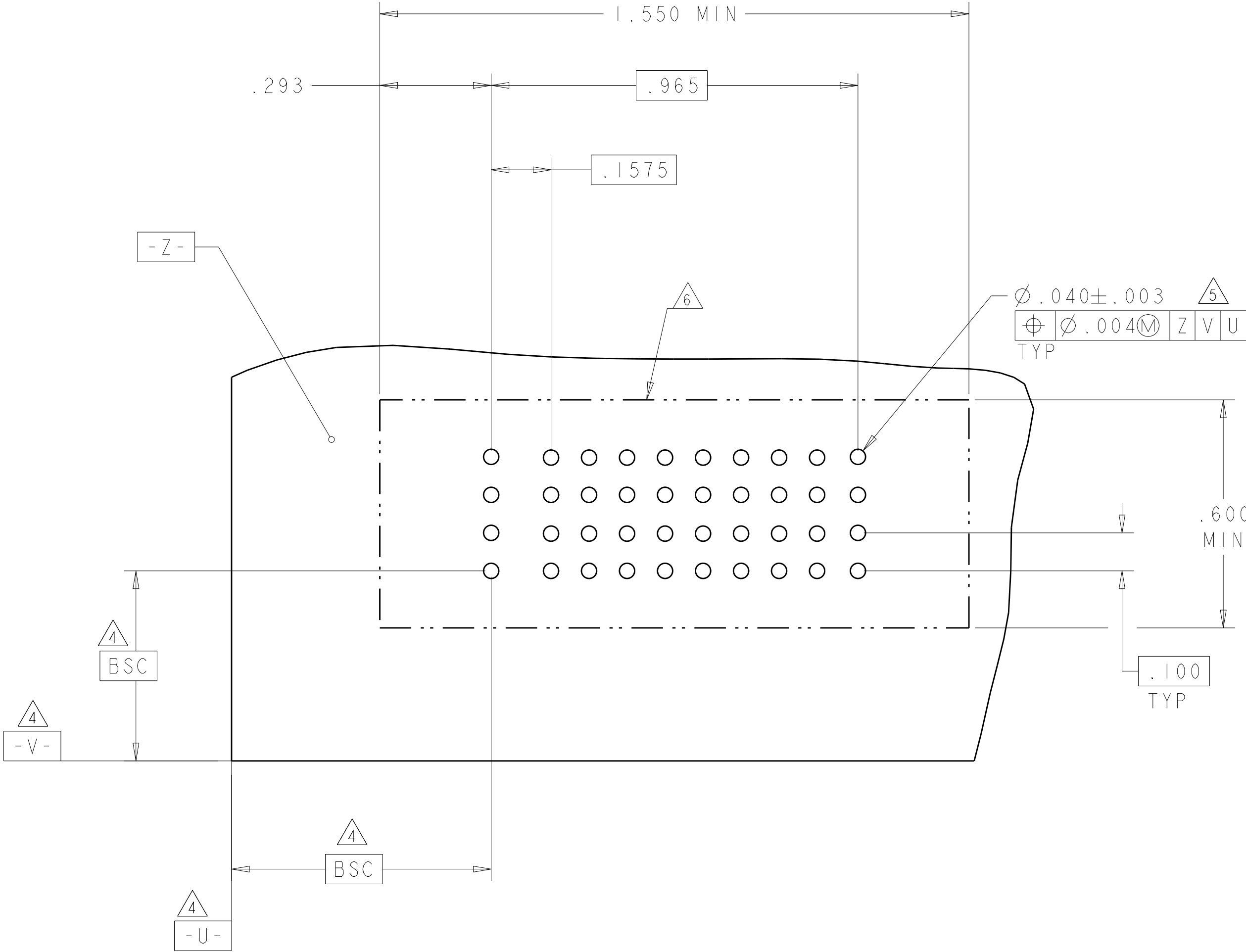
HD

4805 (3/11)

PART NUMBER	ROWS		POWER										SIGNAL								
			P1	P2	P3	P4	P5	P6	P7	P8	P9	P10	1	2	3	4	5	6	7		
6450810-9	D		SZ	SZ	SZ	SZ	SZ	SZ	SZ	SZ		SV	SV	SV	SV	SV	SV	SV			
	C											SV	SV	SV	SV	SV	SV	SV		SV	
	B											SV	SV	SV	SV	SV	SV	SV		SV	SV
	A											SV	SV	SV	SV	SV	SV	SV		SV	SV
10P + 28S		HD																		HD	

4805 (3/11)

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



THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN D. ZHU	27DEC2007	TE Connectivity	
		CHK S. ZHAO	27DEC2007		
DIMENSIONS: INCHES		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME	
		0 PLC ±.01		PRODUCT SPEC	
		1 PLC ±.01		108-2292	
		2 PLC ±.005		APPLICATION SPEC	
		3 PLC ±.002		114-13251	
		4 PLC ±.0020		WEIGHT	
		ANGLES		Customer Drawing	
		FINISH		SCALE 4:1	
MATERIAL				SHEET 9 OF 10	
				REV D2	

[illegible]4805 (3/11)