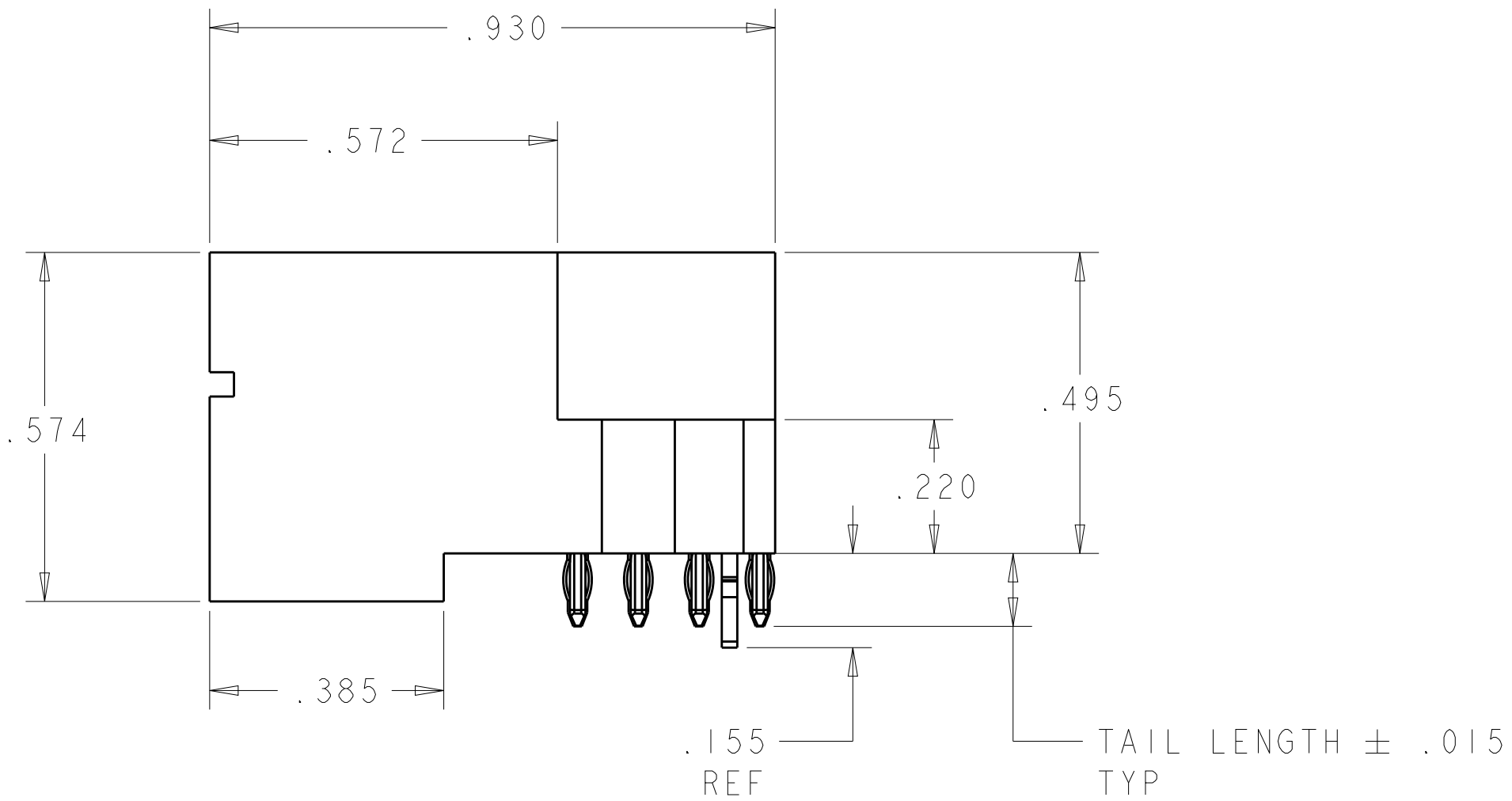
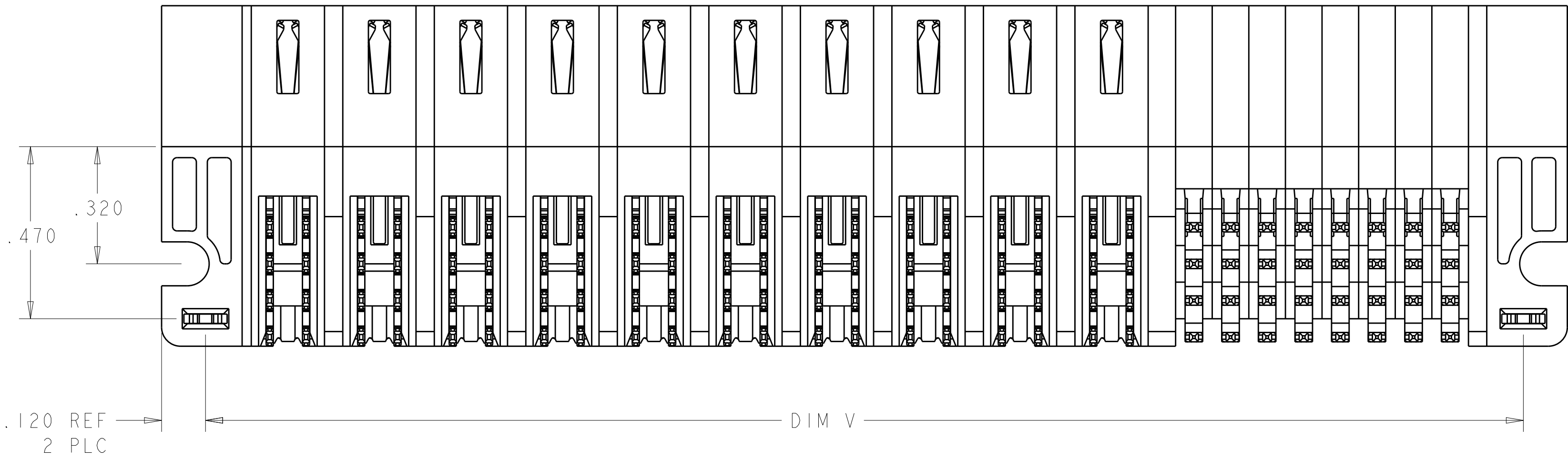
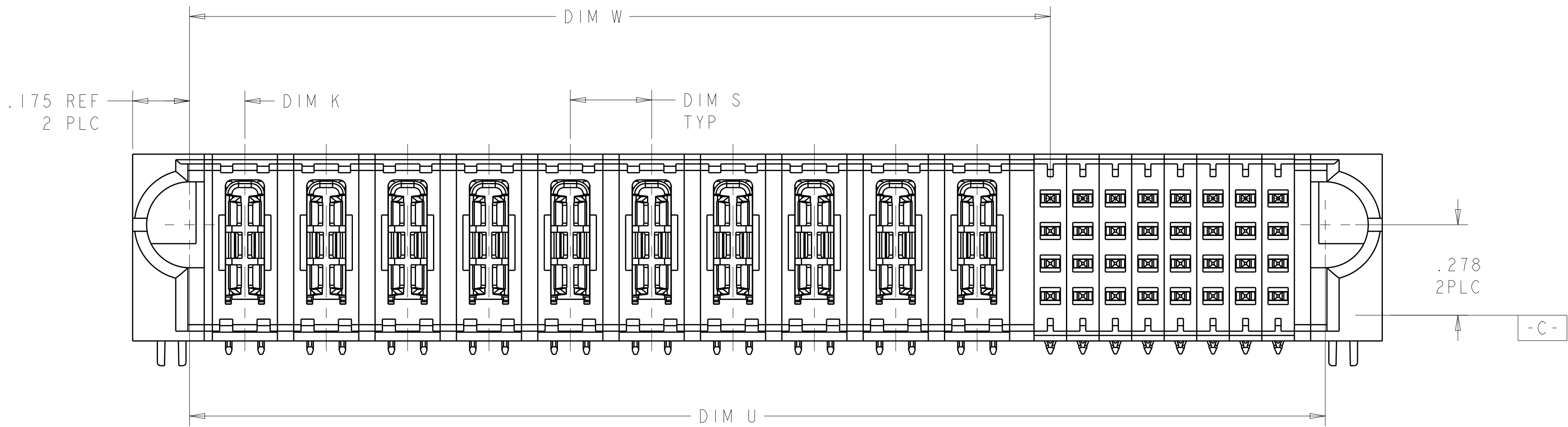
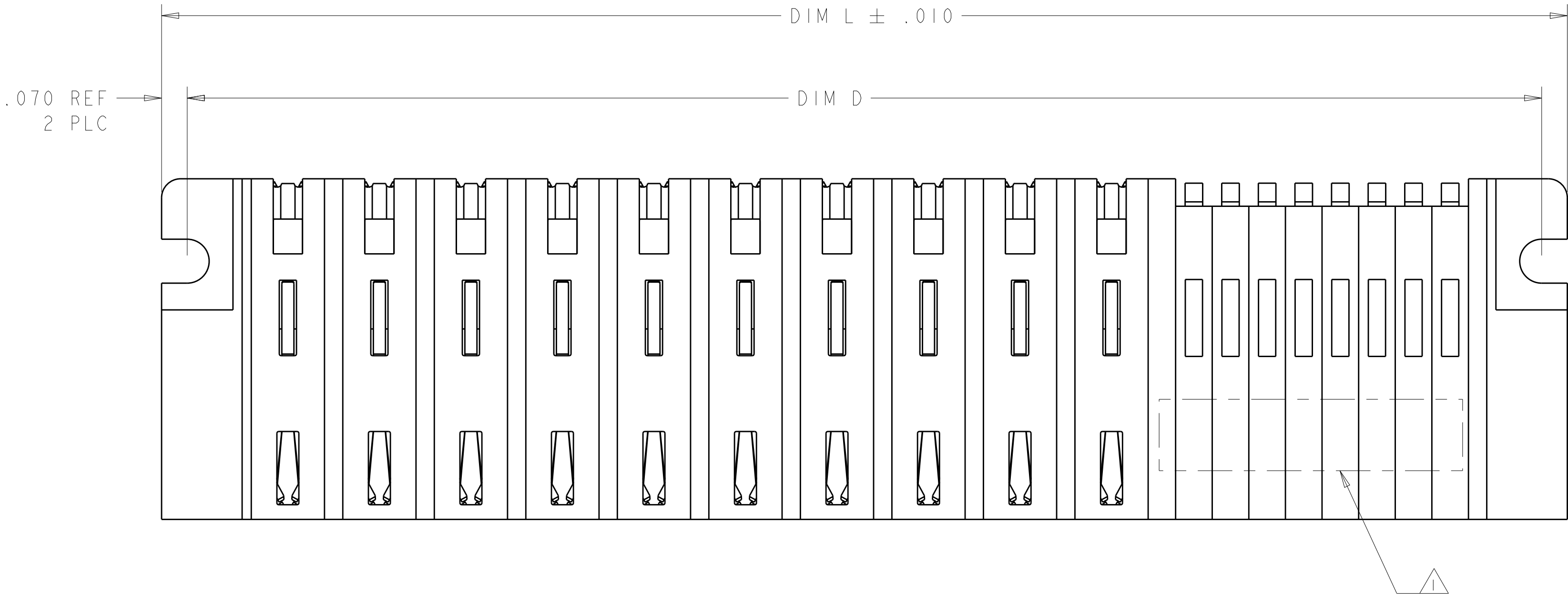


LOC	DIST	REVISIONS						
ES	00							
		P	LTR	DESCRIPTION	DATE	DWN	APVD	
			A4	ADDED THE DASH NO. -4,5	21JUN2011	ML	SZ	
			A5	ADDED NEW DASH NUMBER -7	26OCT2012	CZ	SZ	
			A6	REV PER ECR-12-019360	08NOV2012	CZ	SZ	

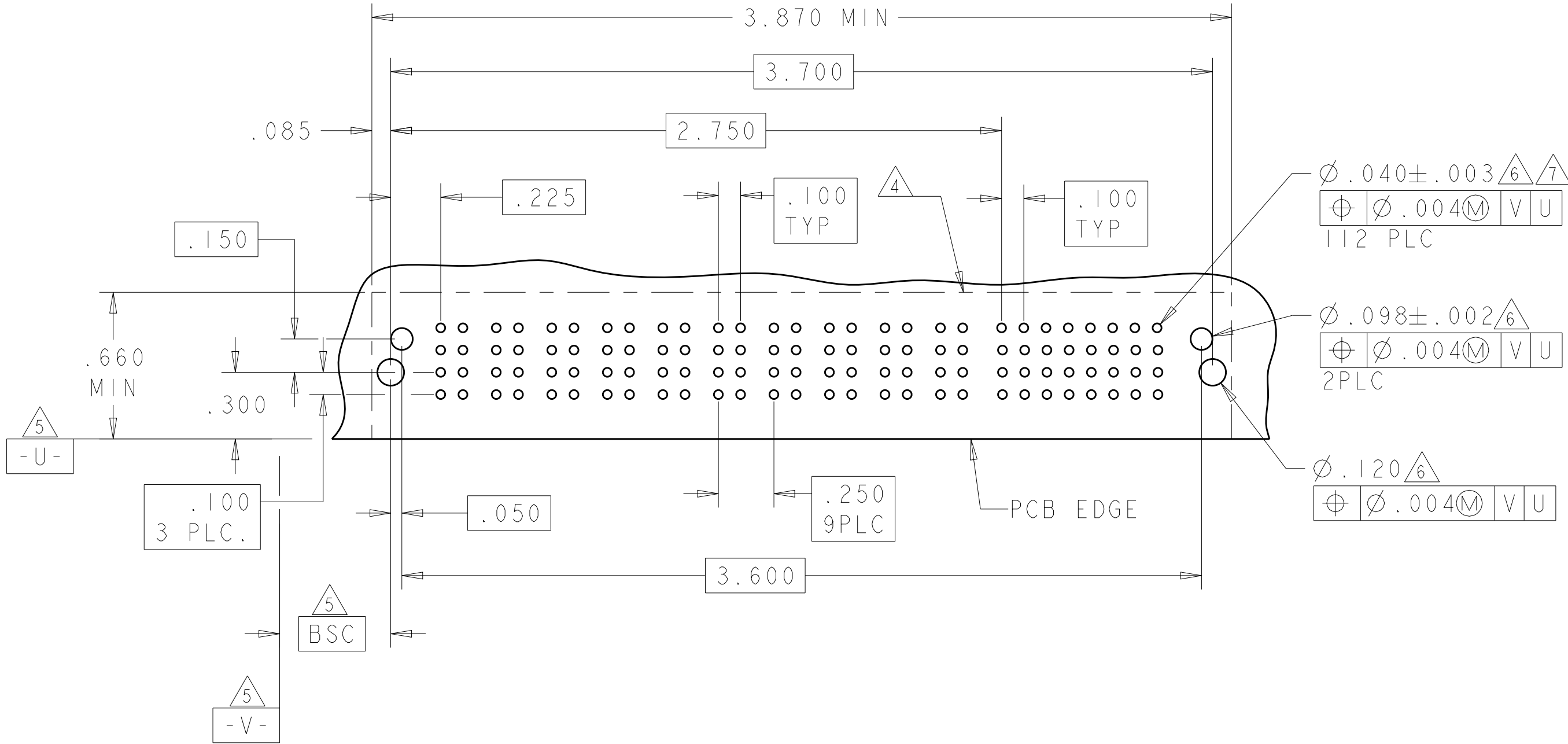
- 1 "AMP", PART NUMBER, AND DATECODE TO BE MARKED IN AREA SHOWN.
PARTS UNDER 2.00 LONG MAY BE MARKED ON BOTH SIDES.
- 2 MATERIAL: HOUSING - GLASS FILLED HIGH TEMP THERMO PLASTIC,BLACK, UL94 V-0
SIGNAL CONTACT - COPPER ALLOY
POWER CONTACT - HIGH CONDUCTIVITY COPPER ALLOY}
- 3 CONTACT PLATING: NOBLE METAL 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 - HOLE DIAMETERS ARE FINISHED HOLE SIZE.
- 7 PCB - .0453±.0010 DRILLED HOLES PLATED WITH .0003 MIN Sn
OVER .001 TO .003 Cu PLATING TO ACHIEVE A .040 DIA HOLE.
- 8 NOT RELEASED FOR PRODUCTION.
- 9 VARIABLE DIMENSION SEE TABLE.



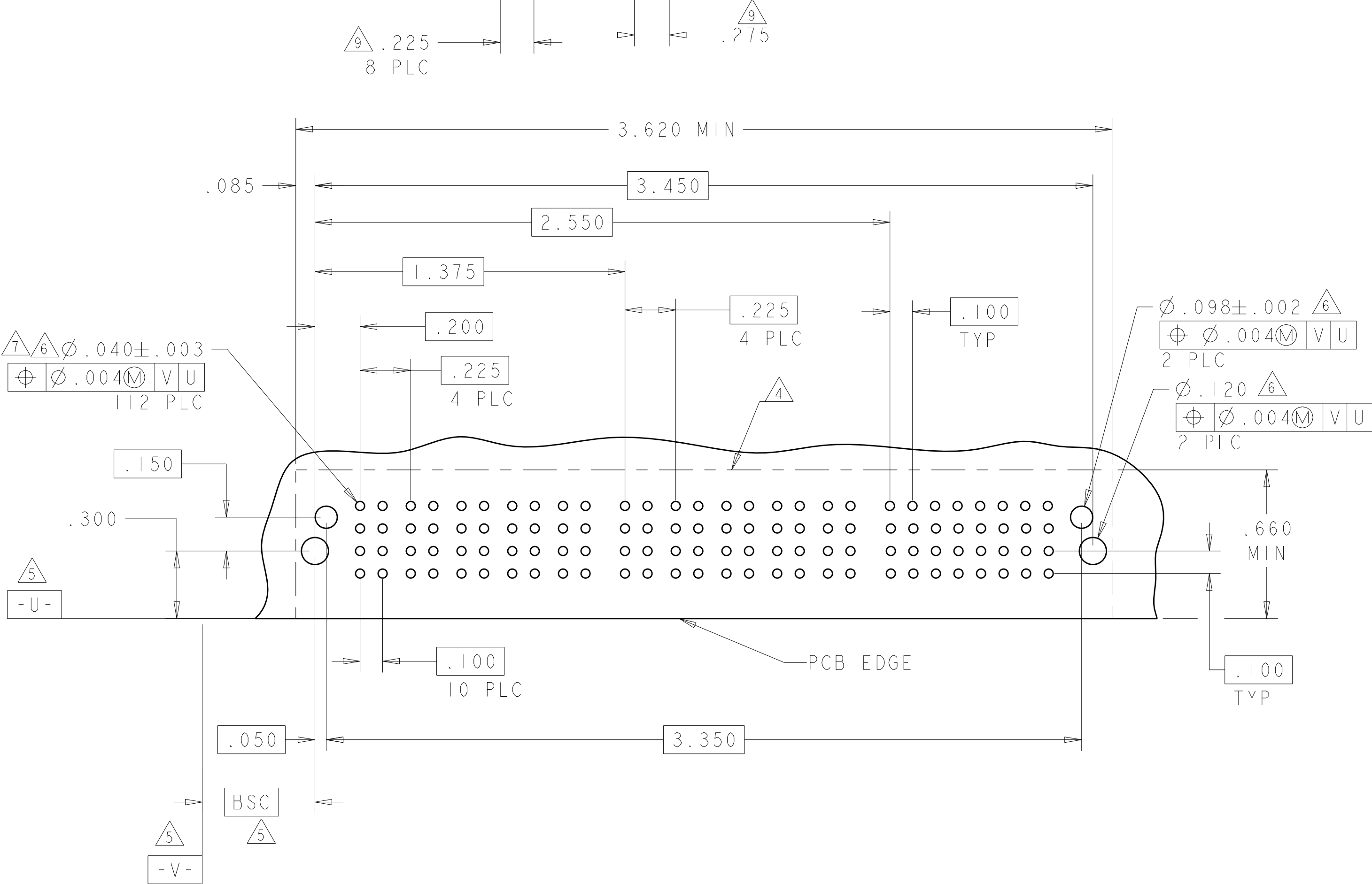
A6	3.550	2.795	3.440		3.650	3.790	.170	12P + 24S	6450842-7								
	3.500	2.795	3.390		3.600	3.740	.170	3ACP + 8P + 24S	6450842-5								
	3.550	3.020	3.440		3.650	3.790	.145	13P + 24S	6450842-4								
	3.500	2.795	3.390		3.600	3.740	.170	3ACP + 8P + 24S	6450842-2								
	3.350	2.445	3.240		3.450	3.590	.145	10P + 32S	6450842-3								
	3.600	2.645	3.490	.250	3.700	3.840	.170	10P + 32S	6450842-1								
DIM V		DIM W		DIM U		DIM S		DIM D		DIM L		DIM K		DESCRIPTION		PART NUMBER	
THIS DRAWING IS A CONTROLLED DOCUMENT.										DWN: HESPER L10 09JUL2008 CHK: S.ZHAO 09JUL2008 APVD: S.ZHAO -		TE Connectivity					
DIMENSIONS: INCHES				TOLERANCES UNLESS OTHERWISE SPECIFIED:				NAME		RIGHT ANGLE HEADER W/ LP CONTACT AND SHORT END MODULES MULTI-BEAM XLE							
				0 PLC ± 1 PLC ±.01 2 PLC ±.005 3 PLC ±.0020 ANGLES ±.0020				PRODUCT SPEC 108-2292 APPLICATION SPEC 114-13251									
MATERIAL :				FINISH :				WEIGHT -		SIZE A1		CAGE CODE 00779		DRAWING NO C=6450842		RESTRICTED TO -	
CUSTOMER DRAWING										SCALE 4:1		SHEET 1 OF 5		REV A7			

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

PART NUMBER	ROWS		POWER										SIGNAL								
			P1	P2	P3	P4	P5	P6	P7	P8	P9	P10	1	2	3	4	5	6	7	8	
6450842-1	D		TT	TT	TT	TT	TT	TT	TT	TT	TT	Z5	Z5	Z5	Z5	Z5	Z5	Z5	Z5		
	C											Y5	Y5	Y5	Y1	Y1	Y5	Y5	Y5		
	B											R5	R5	R5	R1	R1	R5	R5	R5		
	A	HD											O5	O5	O5	O5	O5	O5	O5	HD	
10P + 32S																					



PART NUMBER	ROWS		POWER										SIGNAL								
			P1	P2	P3	P4	P5	P6	P7	P8	P9	P10	1	2	3	4	5	6	7	8	
6450842-3	D		TT	TT	TT	TT	TT	TT	TT	TT	TT	Z5	Z5	Z5	Z5	Z5	Z5	Z5	Z5		
	C											Y5	Y5	Y5	Y5	Y5	Y5	Y5	Y5		
	B											R5	R5	R5	R5	R5	R5	R5	R5		
	A	HD											O1	O1	O1	O1	O1	O1	O1	HD	
10P + 32S																					



HOLD DOWN		HD
.120 SIGNAL MLBF PRESS FIT CON, ROW C		Y1
.120 SIGNAL MLBF PRESS FIT CON, ROW B		R1
.120 SIGNAL MLBF PRESS FIT CON, ROW A		O1
.120 SIGNAL MLBF PRESS FIT CON, ROW D		Z1
.120 SIGNAL PRESS FIT CON, ROW A,STD		O5
.120 SIGNAL PRESS FIT CON, ROW B,STD		R5
.120 SIGNAL PRESS FIT CON, ROW C,STD		Y5
.120 SIGNAL PRESS FIT CON, ROW D,STD		Z5
.120 PRESS FIT POWER CON		TT
DESCRIPTION		IDENTIFIER

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN: 09JUL2008 CHK: HESPER L10 S. ZHAO	NAME	
DIMENSIONS: INCHES		TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±.01 1 PLC ±.01 2 PLC ±.01 3 PLC ±.005 4 PLC ±.002 ANGLES ±.020 FINISH #2	PRODUCT SPEC 108-2292	
MATERIAL		114-13251	APPLICATION SPEC	
		WEIGHT	SIZE CAGE CODE DRAWING NO	
		CUSTOMER DRAWING	A100779C=6450842	
		SCALE 4:1	SHEET 2 OF 5	
		REV A7		

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

PART NUMBER	ROWS		POWER											SIGNAL						
			P1	P2	P3	P4	P5	P6	P7	P8	P9	P10	P11	1	2	3	4	5	6	
6450842-2	D C B A		TT	TT	TT	TT	TT	TT	TT	TT	TT	TT	Z1	Z1	Z5	Z5	Z1	Z1		
													Y5	Y1	Y5	Y5	Y5	Y5		
													R5	R1	R1	R1	R1	R1		
													05	05	05	05	05	05		

PART NUMBER	ROWS		POWER											SIGNAL						
			P1	P2	P3	P4	P5	P6	P7	P8	P9	P10	P11	1	2	3	4	5	6	
6450842-5	D C B A		TT	TT	TT	TT	TT	TT	TT	TT	TT	TT	Z1Z1Z5Z5Z1Z1 Y5Y1Y5Y5Y5Y5 R5R1R5R1R1R1 050505050505							
		HD																	HD	

PCB LAYOUT IS THE SAME AS 6450842-2

