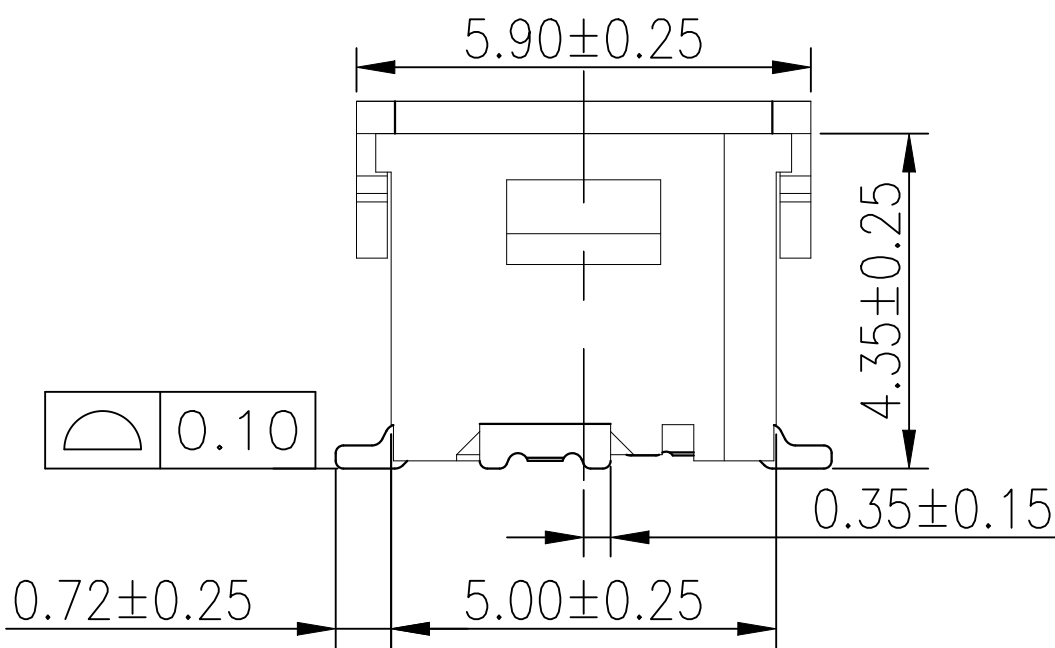
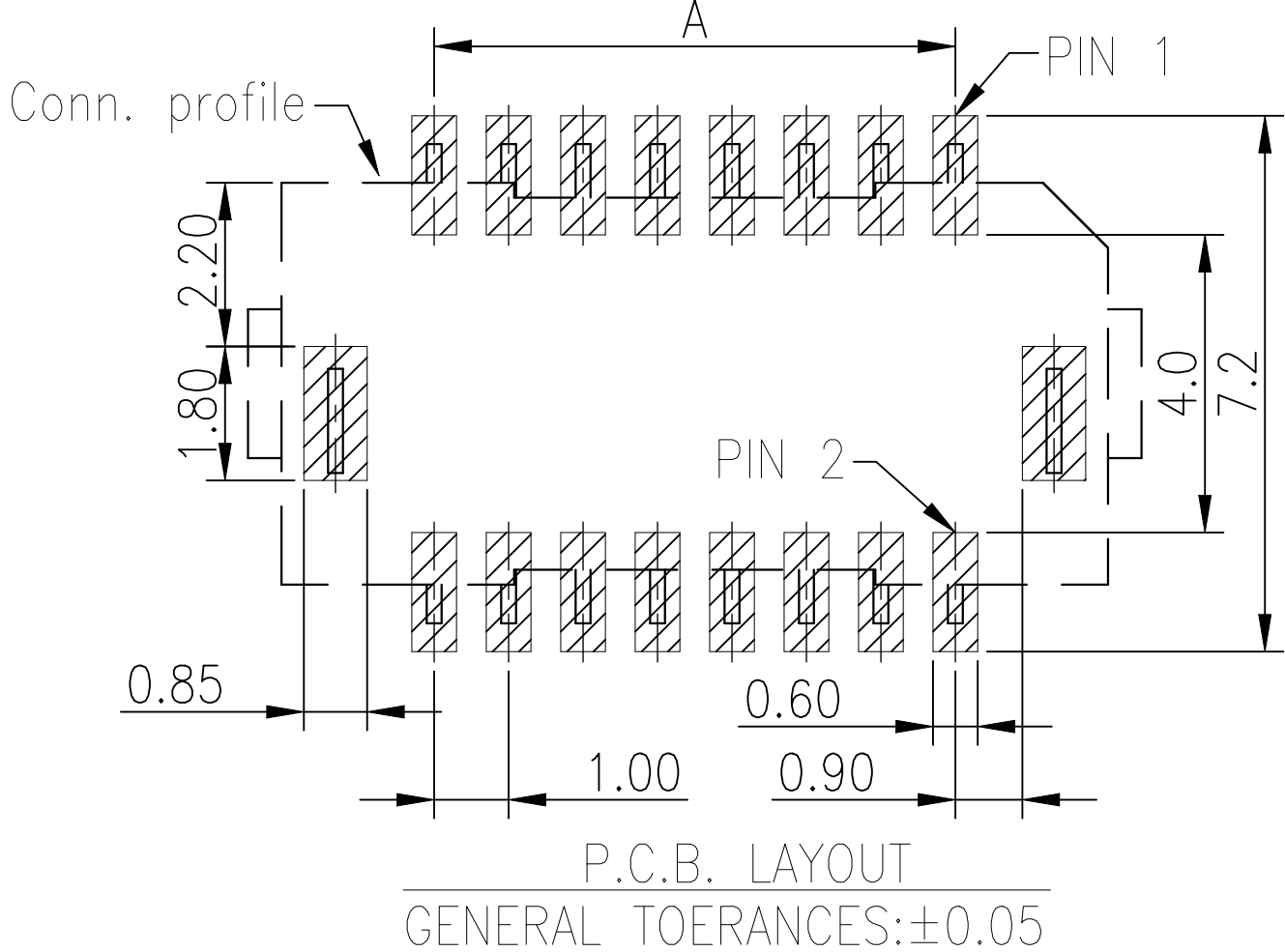
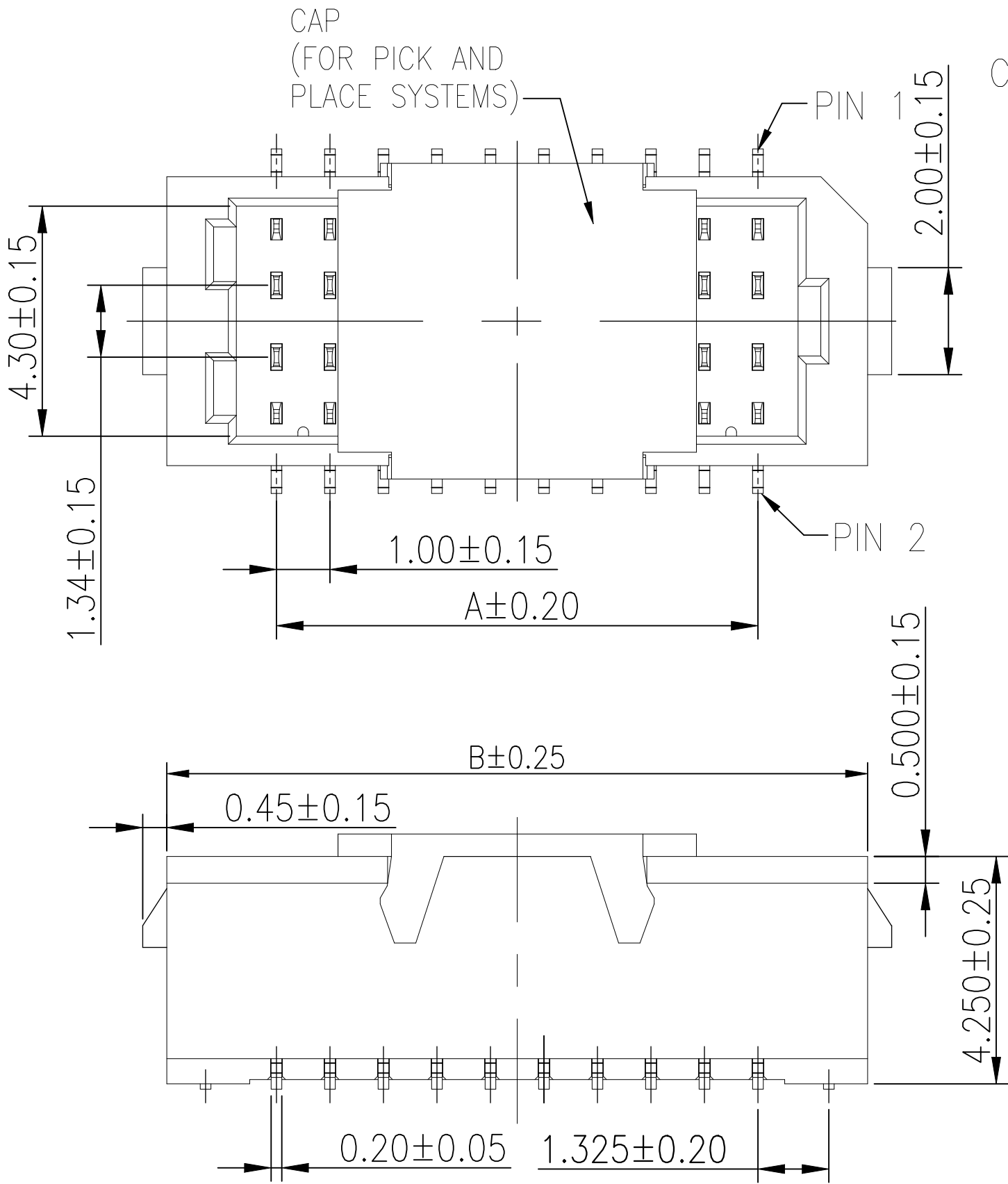


REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	A	Released to Production	06APR2026	M.S	J.M

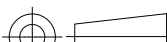


SPECIFICATIONS

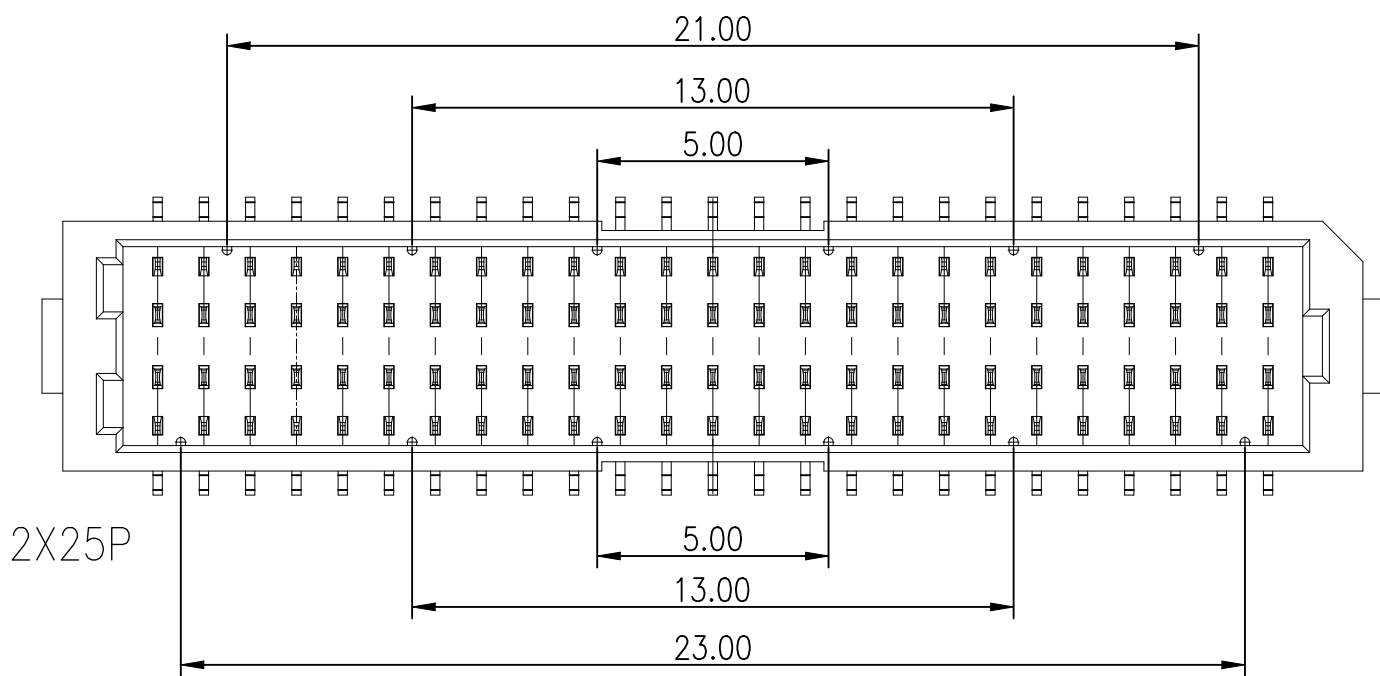
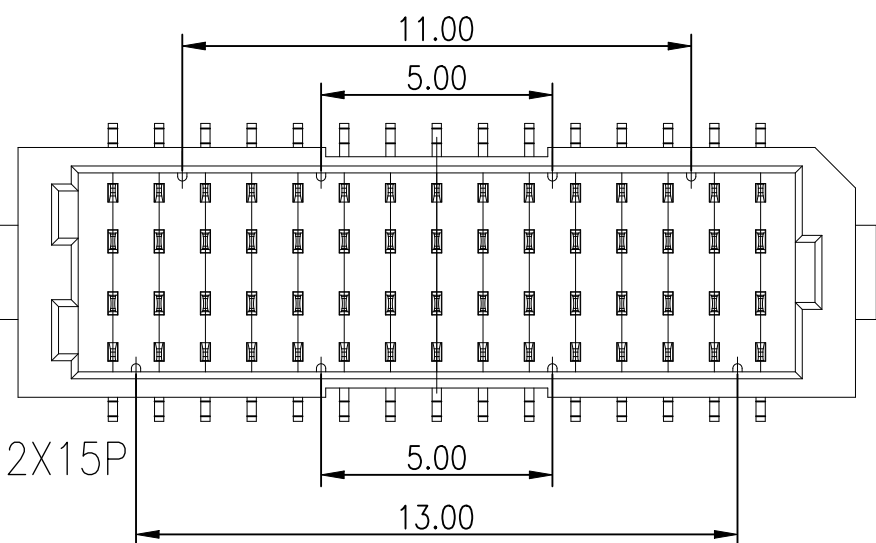
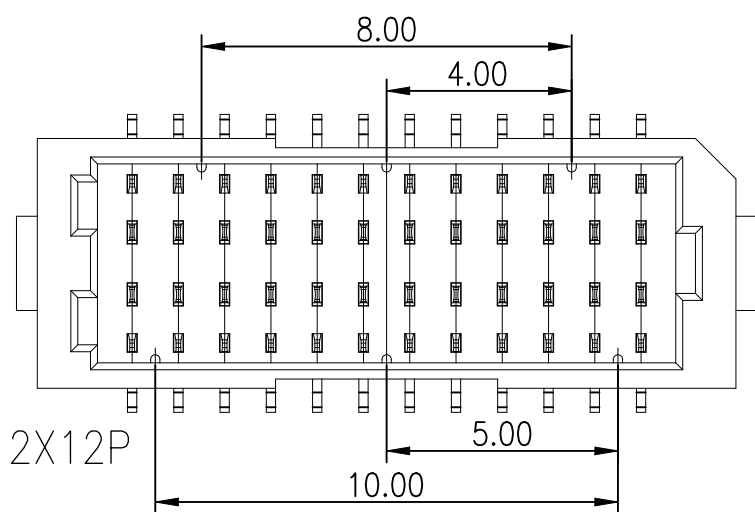
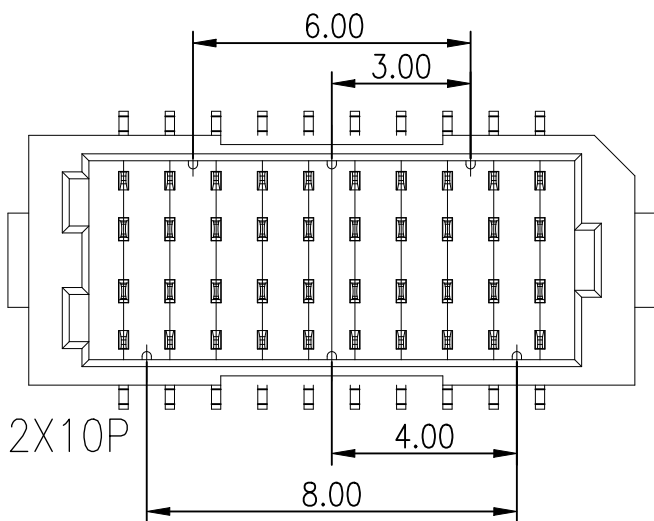
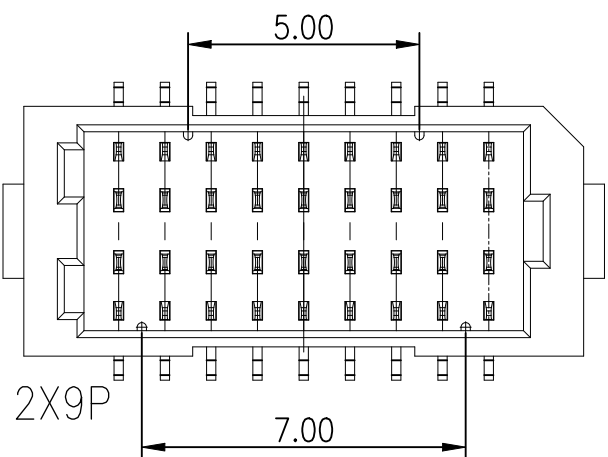
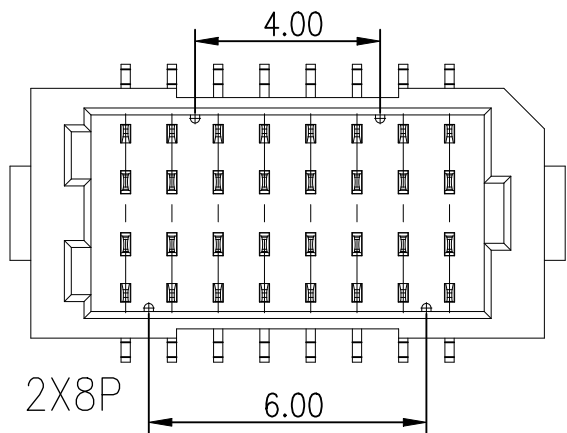
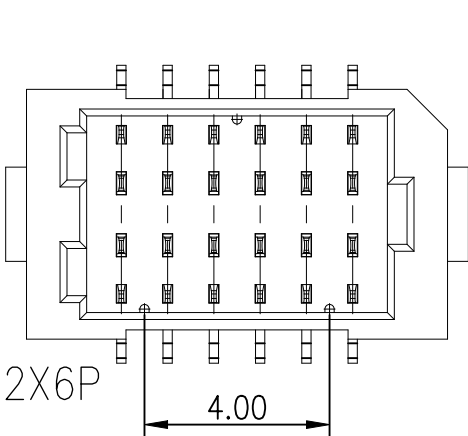
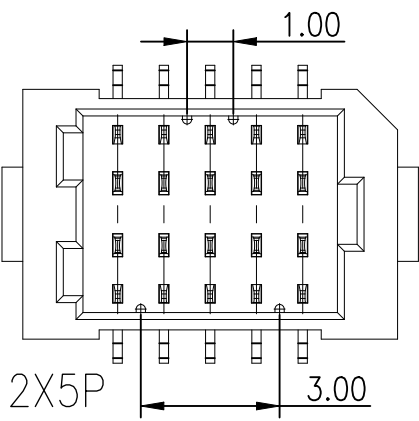
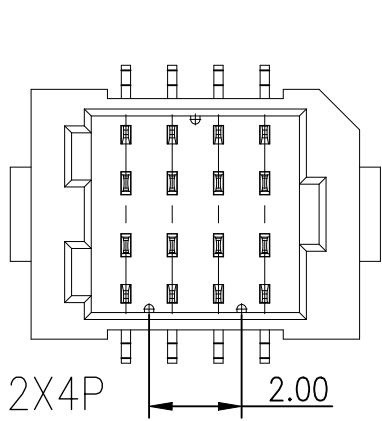
- Voltage Rating: 50V AC,DC
- Current Rating: 1A AC,DC
- Withstanding Voltage: 500V AC/minute
- Contact Resistance: 20m Ω Max.
- Insulation Resistance: 100M Ω Min.
- Temperature Range: -25°C ~ +85°C
- The product using material and processing must conform to the “WI-PZ-142” HSF technical standard control requirements

Material		
Housing	High temperature plastic,UL94V-0, Natural	
PIN	Phosphor Bronze	
Solder Tabs	Brass	
Plating Finish Specifications		
TYPE	Contacts	Solder tabs
A	Au 30u”	Au-Flash
B	Au 15u”	Au-Flash
C	Au-Flash	Au-Flash
D	Matte Tin 100u” MIN	Matte Tin

TCPN				Pin Pos No	Dimensions	
TYPE A	TYPE B	TYPE C	TYPE D		A	B
2538949-1	2-2538949-1	4-2538949-1	6-2538949-1	2X4P	3.00	7.10
2538949-2	2-2538949-2	4-2538949-2	6-2538949-2	2X5P	4.00	8.10
2538949-3	2-2538949-3	4-2538949-3	6-2538949-3	2X6P	5.00	9.10
2538949-5	2-2538949-5	4-2538949-5	6-2538949-5	2X8P	7.00	11.10
2538949-6	2-2538949-6	4-2538949-6	6-2538949-6	2X9P	8.00	12.10
2538949-7	2-2538949-7	4-2538949-7	6-2538949-7	2X10P	9.00	13.10
2538949-9	2-2538949-9	4-2538949-9	6-2538949-9	2X12P	11.00	15.10
1-2538949-0	3-2538949-0	5-2538949-0	7-2538949-0	2X15P	14.00	18.10
1-2538949-4	3-2538949-4	5-2538949-4	7-2538949-4	2X25P	24.00	28.10

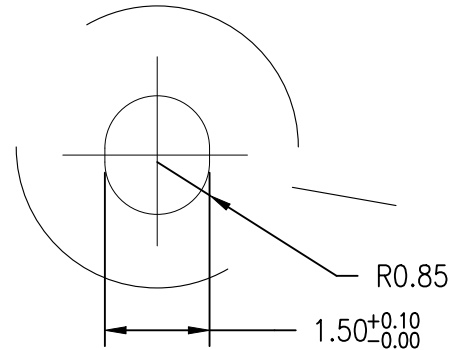
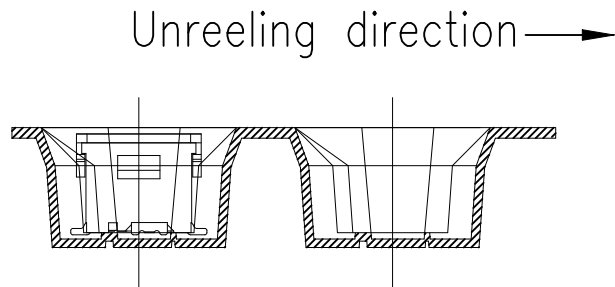
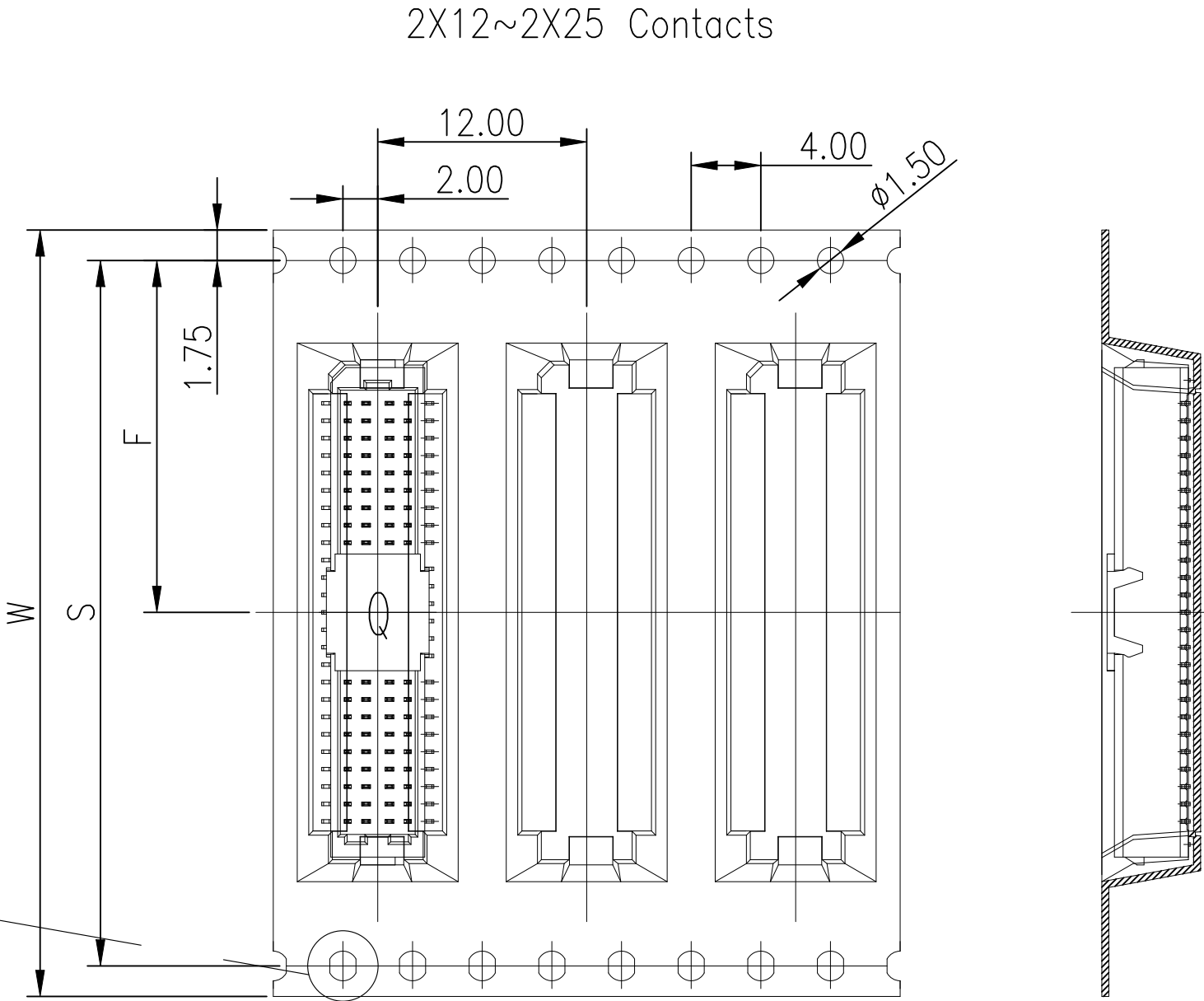
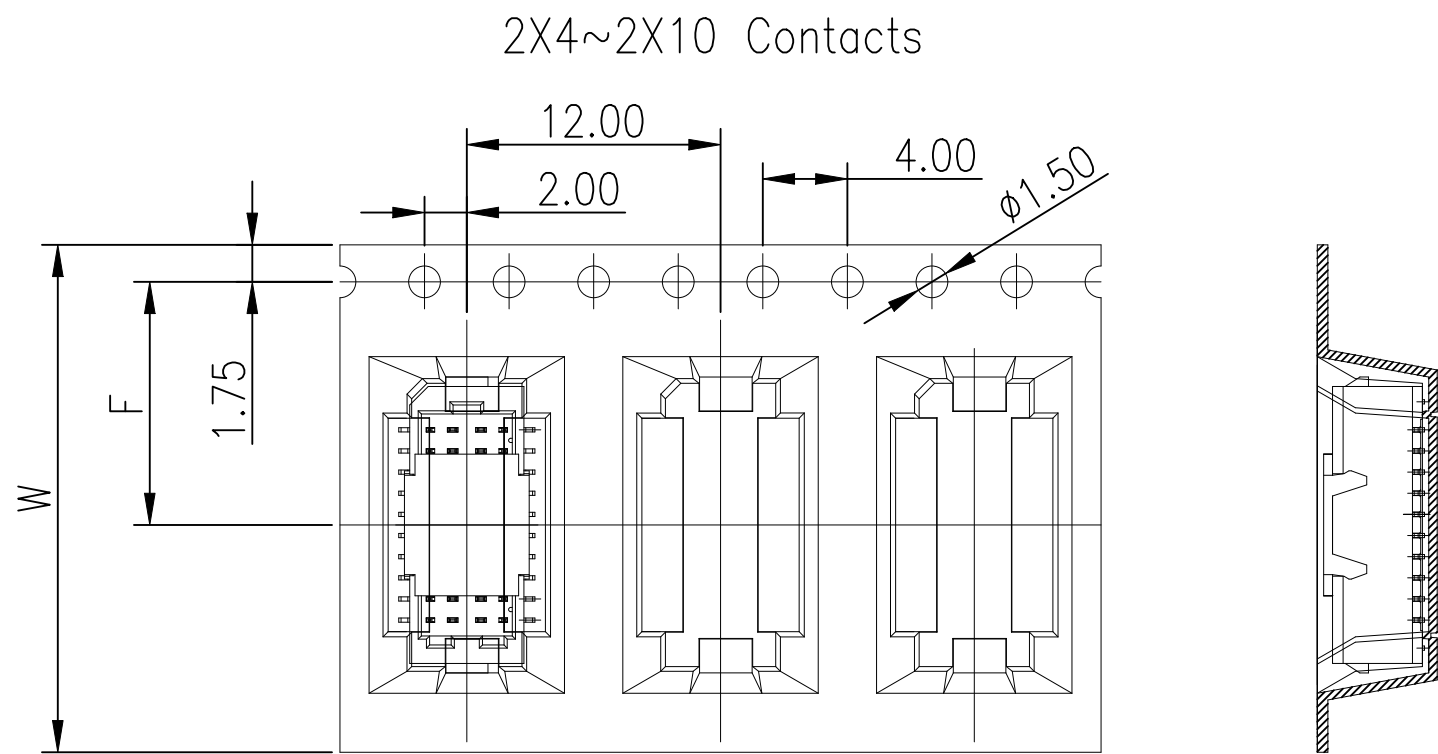
THIS DRAWING IS A CONTROLLED DOCUMENT.				DWN Madhan S 02FEB2026	 TE Connectivity								
				CHK Madhan S 02FEB2026									
DIMENSIONS: mm [INCHES]		TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD Madhan S 02FEB2026	NAME								
		0 PLC ± -		PRODUCT SPEC	1MM 2 Row External Locking HPI Header			-					
		1 PLC ± 0.25		108-162481									
		2 PLC ± 0.15		APPLICATION SPEC									
		3 PLC ± 0.08		114-161919									
		4 PLC ± -											
ANGLES ± 3°				SIZE	CAGE CODE	DRAWING NO		RESTRICTED TO					
MATERIAL		FINISH		WEIGHT	A2	00779	C-2538949		-				
See Table		See Table		CUSTOMER DRAWING				SCALE	1:1	SHEET	1 of 3	REV	A

P	LTR	DESCRIPTION	DATE	DWN	APVD
-	-	SEE SHEET 1	-	-	-

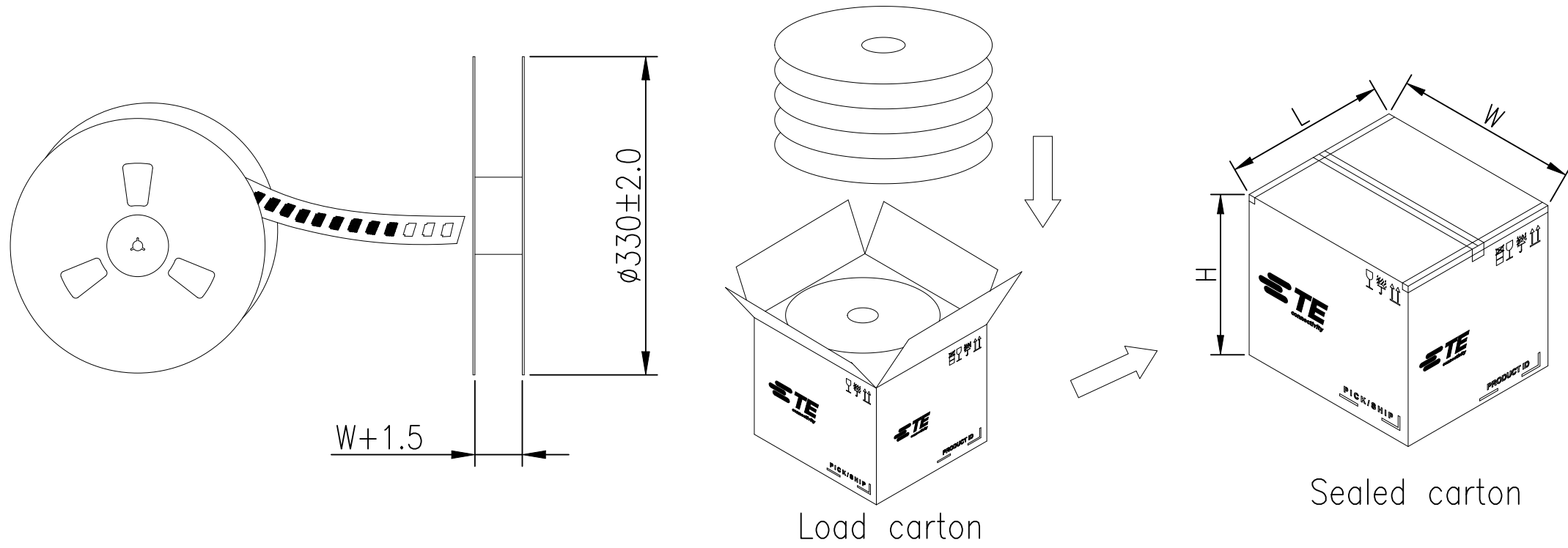
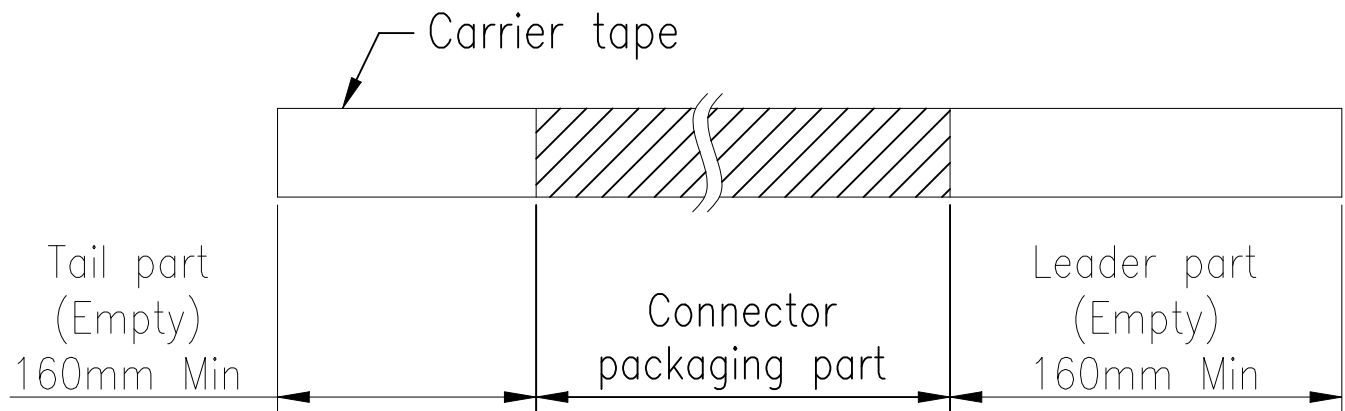


THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN	02FEB2026	TE Connectivity	
		CHK	02FEB2026		
		APVD	02FEB2026	NAME	
		PRODUCT SPEC	108-162481	1MM 2 Row External Locking HPI Header	
		APPLICATION SPEC	114-161919		
DIMENSIONS: mm [INCHES]		TOLERANCES, UNLESS OTHERWISE SPECIFIED:	WEIGHT	SIZE	CAGE CODE
		0 PLC ± -	0	A2	00779
		1 PLC ± 0.25	CUSTOMER DRAWING		
		2 PLC ± 0.15	SCALE 1:1		
		3 PLC ± 0.08	SHEET 2 of 3		
		4 PLC ± -	REV A		
		ANGLES ± 3°			
MATERIAL		FINISH			
See Table		See Table			

REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
-	-	SEE SHEET 1	-	-	-



Unreeling direction →



Number of Contacts	W±0.3	F±0.1	S±0.1	PCS/Box	carton size(L*W*H)
2X4~2X10P	24	11.50	28.40	5,000	350*350*160
2X12~2X15P	32	14.20			350*350*190
2X20~2X25P	44	20.20			350*350*250

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN Madhan S 02FEB2026	TE Connectivity		
DIMENSIONS: mm [INCHES]		CHK Madhan S 02FEB2026			
		APVD Madhan S 02FEB2026	NAME 1MM 2 Row External Locking HPI Header		
		PRODUCT SPEC 108-162481	APPLICATION SPEC 114-161919		
MATERIAL See Table		WEIGHT 0	SIZE A2	CAGE CODE 00779	DRAWING NO C=2538949
FINISH See Table		CUSTOMER DRAWING		SCALE 1:1	SHEET 3 OF 3
				REV A	RESTRICTED TO -