



2X8P

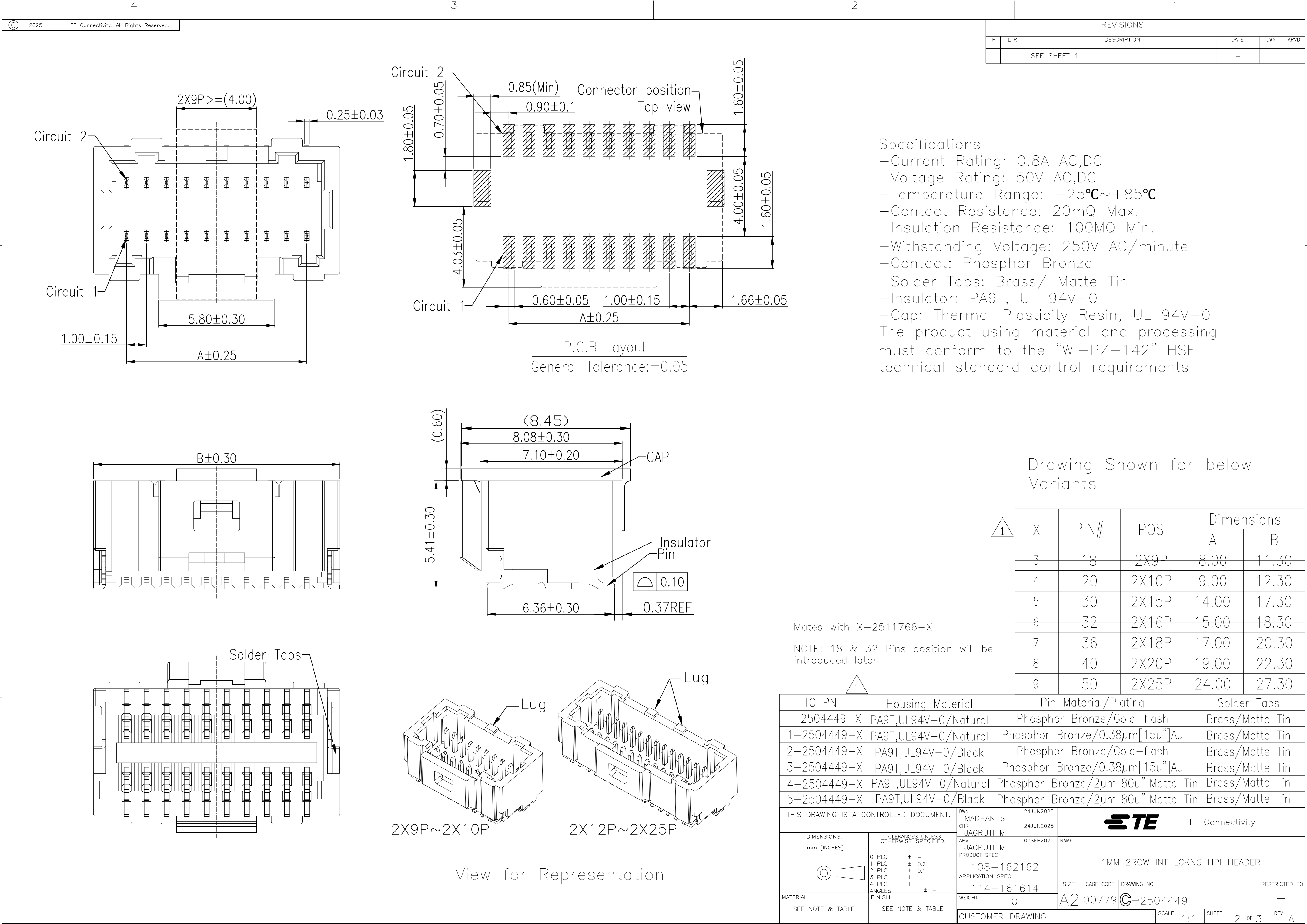
- Current Rating: 0.8A AC,DC
- Voltage Rating: 50V AC,DC
- Temperature Range: $-25^{\circ}\text{C}\sim+85^{\circ}\text{C}$
- Contact Resistance: 20m Ω Max.
- Insulation Resistance: 100M Ω Min.
- Withstanding Voltage: 250V AC/minute
- Contact: Phosphor Bronze
- Solder Tabs: Brass/ Matte Tin
- Insulator: PA9T, UL 94V-0
- Cap: Thermal Plasticity Resin, UL 94V-0

The product using material and processing must conform to the "WI-PZ-142" HSF technical standard control requirements

Drawing shown for below

7.00	10.3
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THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN MADHAN S 24JUN2025 CHK 24JUN2025		 TE Connectivity			
DIMENSIONS: mm [INCHES]		TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± - 1 PLC ± 0.2 2 PLC ± 0.1 3 PLC ± - 4 PLC ± - ALL PLCS ± -		APVD JAGRUTI M 03SEP2025 NAME		- 1MM 2ROW INT LCKNG HPI HEADER -	
		PRODUCT SPEC 108-162162 APPLICATION SPEC 114-161614		SIZE A2		CAGE CODE 00779	
MATERIAL SEE NOTE & TABLE		FINISH SEE NOTE & TABLE		DRAWING NO C=2504449		RESTRICTED TO -	
CUSTOMER DRAWING				SCALE 1:1		SHEET 1 OF 3	
				REV		A	



Specifications

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Drawing Shown for below Variants

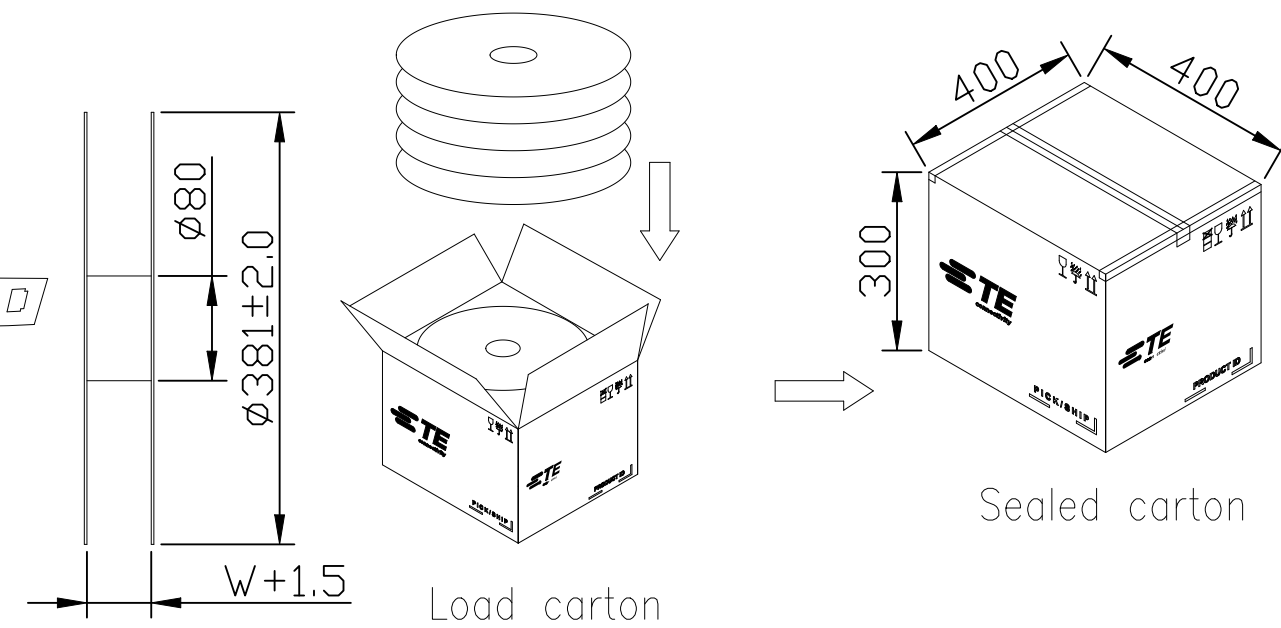
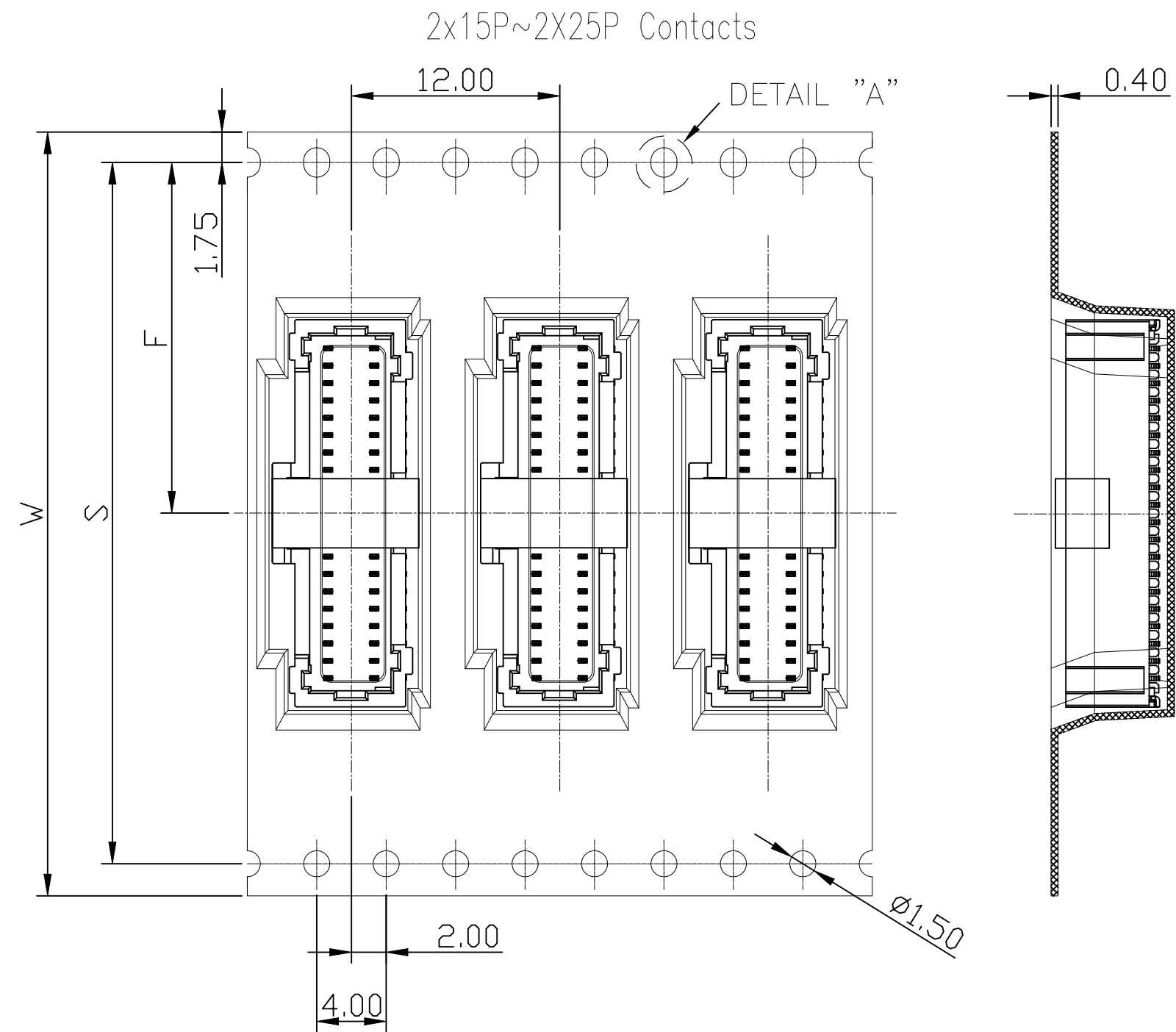
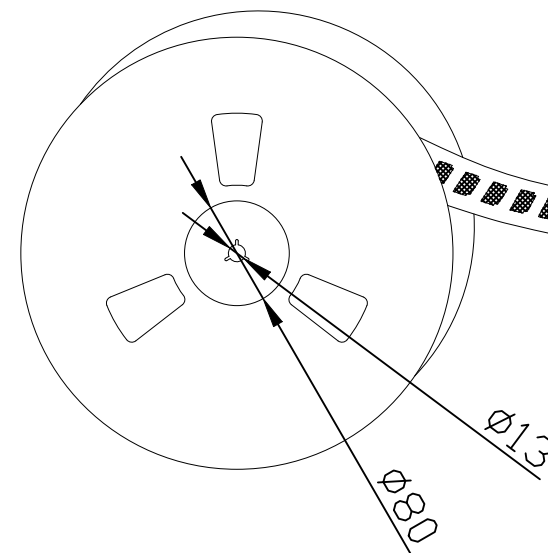
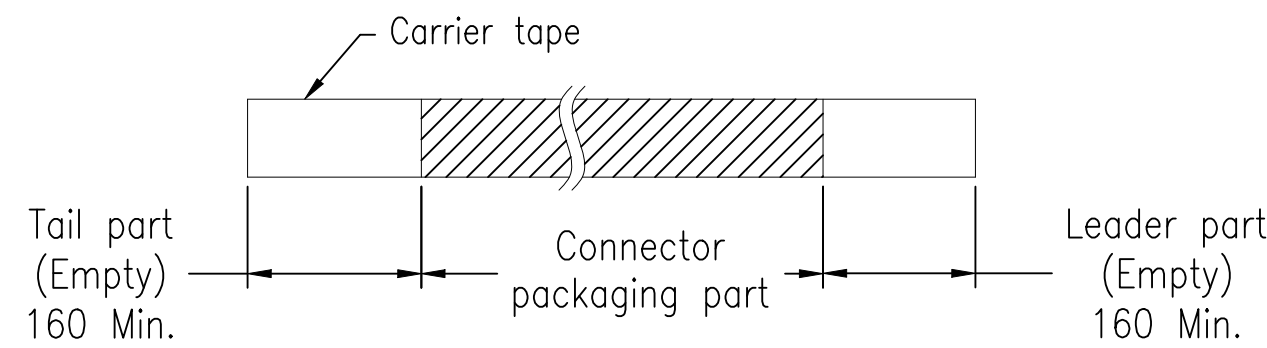
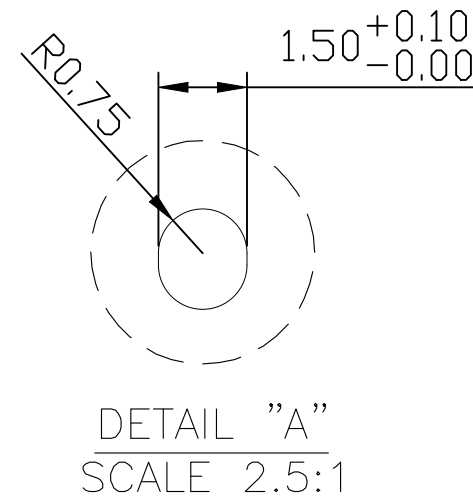
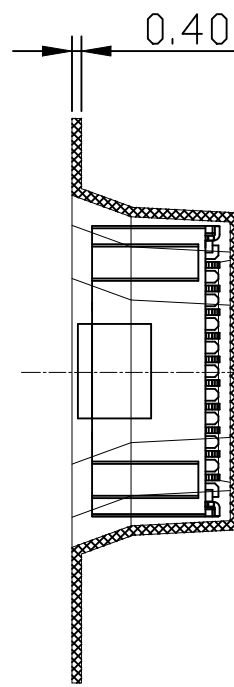
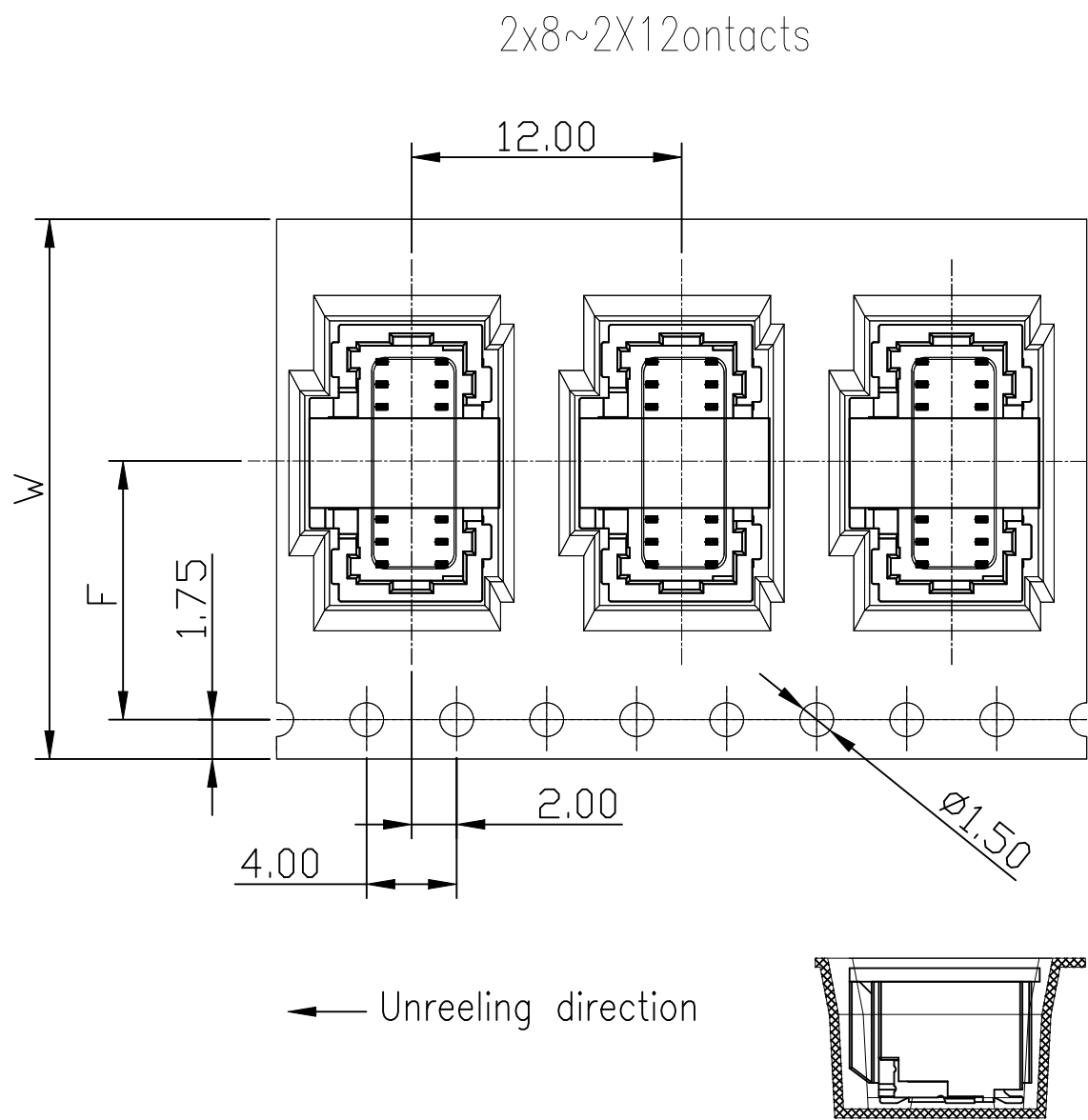
△1	X	PIN#	POS	Dimensions	
				A	B
	3	18	2X9P	8.00	11.30
	4	20	2X10P	9.00	12.30
	5	30	2X15P	14.00	17.30
	6	32	2X16P	15.00	18.30
	7	36	2X18P	17.00	20.30
	8	40	2X20P	19.00	22.30
	9	50	2X25P	24.00	27.30

Mates with X-2511766-X

NOTE: 18 & 32 Pins position will be introduced later

△1		TC PN	Housing Material	Pin Material/Plating	Solder Tabs
		2504449-X	PA9T,UL94V-0/Natural	Phosphor Bronze/Gold-flash	Brass/Matte Tin
		1-2504449-X	PA9T,UL94V-0/Natural	Phosphor Bronze/ $0.38\mu\text{m}[15\text{u}]\text{Au}$	Brass/Matte Tin
		2-2504449-X	PA9T,UL94V-0/Black	Phosphor Bronze/Gold-flash	Brass/Matte Tin
		3-2504449-X	PA9T,UL94V-0/Black	Phosphor Bronze/ $0.38\mu\text{m}[15\text{u}]\text{Au}$	Brass/Matte Tin
		4-2504449-X	PA9T,UL94V-0/Natural	Phosphor Bronze/ $2\mu\text{m}[80\text{u}]\text{Matte Tin}$	Brass/Matte Tin
		5-2504449-X	PA9T,UL94V-0/Black	Phosphor Bronze/ $2\mu\text{m}[80\text{u}]\text{Matte Tin}$	Brass/Matte Tin
THIS DRAWING IS A CONTROLLED DOCUMENT.			DWN MADHAN S 24JUN2025	TE Connectivity	
			CHK JAGRUTI M 24JUN2025		
			APVD JAGRUTI M 03SEP2025	NAME	
			PRODUCT SPEC	108-162162	
			APPLICATION SPEC	114-161614	
			WEIGHT 0	SIZE A2	CAGE CODE 00779
			CUSTOMER DRAWING	SCALE 1:1	SHEET 2 of 3
				REV A	

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



Number of Contacts	W±0.3	F±0.1	S±0.1	PCS/Reel	PCS/Box
2x8P~2X12P	24	11.50	—	1000	10000
2X15P~2X18P	32	14.20	28.40	1000	8000
2X20P~2X25P	44	20.20	40.40	1000	6000

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		APVD JAGRUTI M 03SEP2025	NAME		
		PRODUCT SPEC 108-162162	1MM 2ROW INT LCKNG HPI HEADER		
MATERIAL SEE NOTE & TABLE		APPLICATION SPEC 114-161614	SIZE A2	CAGE CODE 00779	DRAWING NO C=2504449
FINISH SEE NOTE & TABLE		WEIGHT 0	RESTRICTED TO		
CUSTOMER DRAWING			SCALE 1:1	SHEET 3 OF 3	REV A