

REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	A	INITIAL RELEASE	06DEC2024	MK	SSM

NOTES:

1. MATERIAL:

1, HOUSING : THERMOPLASTIC UL-94-V-0 BLACK

2, CAP : THERMOPLASTIC UL-94-V-0 NATURAL

3, CONTACT & PEG – COPPER ALLOY

PLATING – PEG : 2.5µm MIN Sn OVER 1.25µm MIN Ni

PLATING – CONTACT : 0.075µm GOLD OVER Ni
2. ELECTRICAL :

CONTACT RESISTANCE – 100 mΩ MAX (INITIAL)

CONTACT RESISTANCE – 120 mΩ MAX (FINAL)

CONTACT RATING – 0.5Amp

INSULATION RESISTANCE – 500 MΩ

DIELECTRIC VOLTAGE – 250V AC
3. ENVIRONMENTAL :

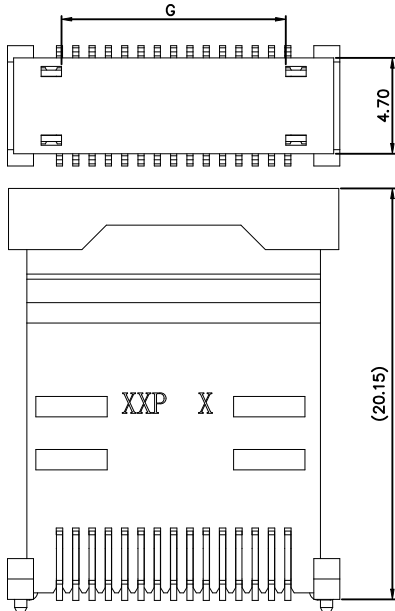
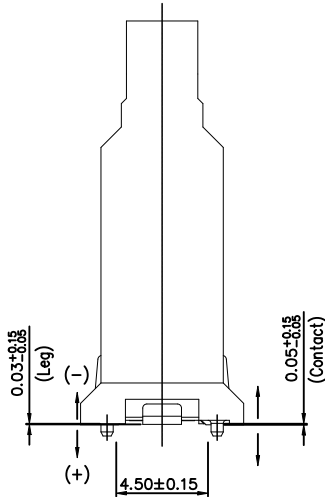
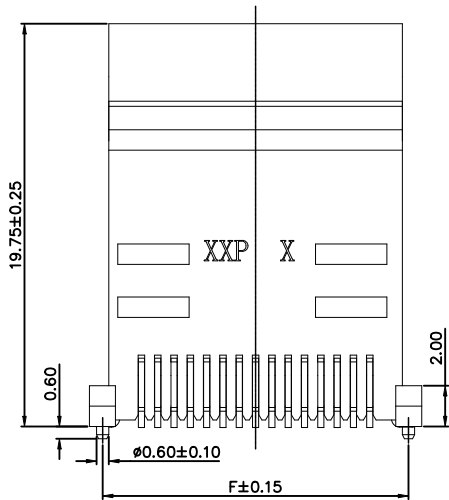
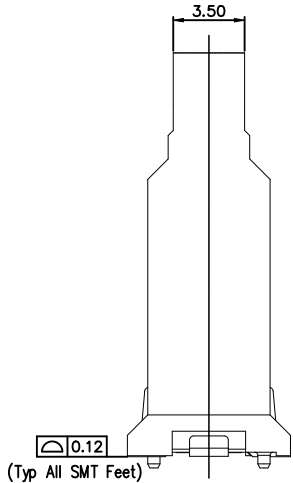
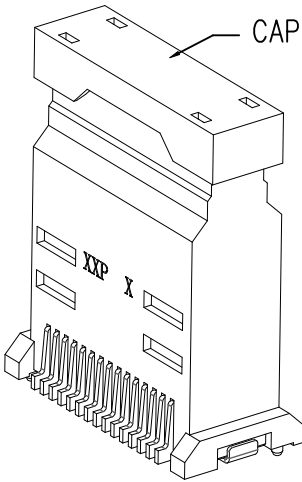
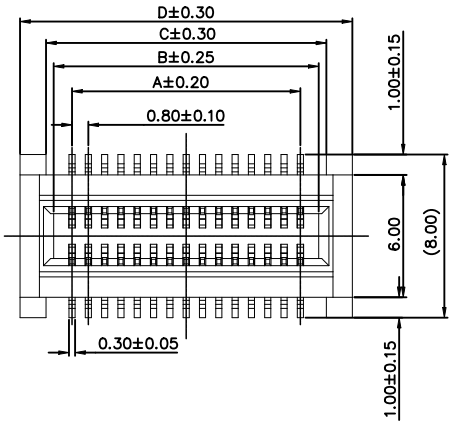
OPERATION TEMPERATURE – -40 +105°C

SOLDERING PROCESS CAPABILITY – 260°C
4. MECHANICAL LIFE :

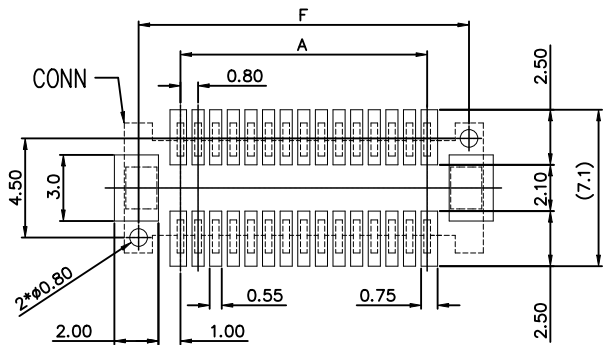
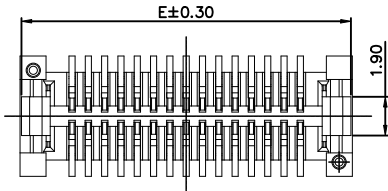
50 CYCLES

INSERTION FORCE – 2.45N/PIN MAX

WITHDRAWAL FORCE – 0.05N/PIN MIN



With Cap



Recommended P.C.B layout(Top side)
(PCB board tolerance±0.05)

PART NUMBER	No.of Pins	A	B	C	D	E	F	G
2487888-3	30	11.2	13.0	13.75	16.3	16.16	15.0	10.8
2487888-4	40	15.2	17.0	17.75	20.3	20.16	19.0	14.8
2487888-5	50	19.2	21.0	21.75	24.3	24.16	23.0	18.8
2487888-6	60	23.2	25.0	25.75	28.3	28.16	27.0	22.8
2487888-7	70	27.2	29.0	29.75	32.3	32.16	31.0	26.8
2487888-8	80	31.2	33.0	33.75	36.3	36.16	35.0	30.8
1-2487888-0	100	39.2	41.0	41.75	44.3	44.16	43.0	38.8
1-2487888-2	120	47.2	49.0	49.75	52.3	52.16	51.0	46.8

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN SUJANLAL 26JUN2024	TE Connectivity		
		CHK SUJANLAL 26JUN2024			
		APVD SATHISH 26JUN2024	NAME		
DIMENSIONS: mm		TOLERANCES, UNLESS OTHERWISE SPECIFIED:		0.8MM BOARD TO BOARD CONN. PLUG SMT TYPE H=19.75MM	
		0 PLC ± 0.50 1 PLC ± 0.30 2 PLC ± 0.20 3 PLC ± - 4 PLC ± - ANGLES ± 1°		PRODUCT SPEC	
				APPLICATION SPEC	
MATERIAL		FINISH		WEIGHT	
				0	
				CUSTOMER DRAWING	
				SCALE	1:1
				SHEET	1 OF 2
				REV	A

安装时拉出方向
Customer pull out direction

No.1:

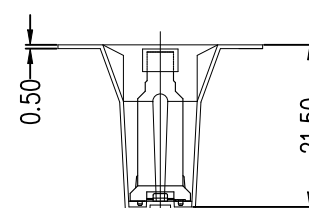
Before package, pay attention to
The more than 160mm(min) empty,
For put the products into the carrier groove,
Working with the cover bend then,
Note: the tension between tape and cover bend is 30g~120g

No.2:

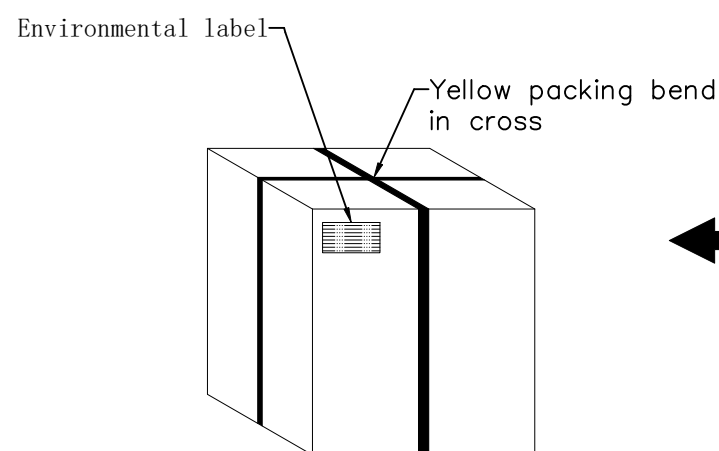
Inner Box: CTN-18E

Pack the reel in the PE-32 waterproof bag packing,
put 1pcs drying agent,
seal it with vacuum machine and
put it into the inner box,
seal it with sealing glue, with labels.

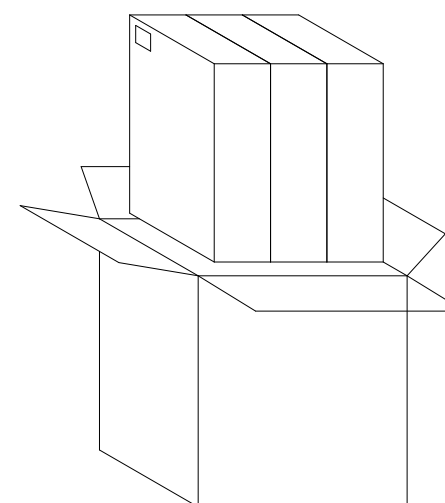
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JAN/LAL	26JUN2024		
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JECT SPEC			
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CUSTOMER DRAWING			
SCALE		1:1	
SHEET		2 of 2	
REV			



Cutaway view

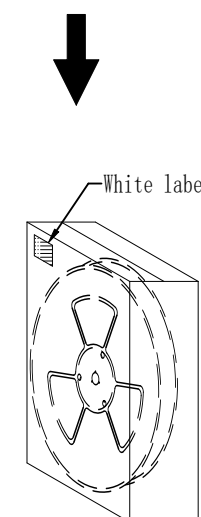


Outer Box: CTN-18K



No.3:

Put inner box into outer box,
(3pcs inner box/outer box)
pay attention to the unified label direction.



Inner Box: CTN-18E

No.2:

Pack the reel in the PE-32 waterproof bag packing,
put 1pcs drying agent,
seal it with vacuum machine and
put it into the inner box,
seal it with sealing glue, with labels.

PIN	TE P/N	W	S	F	PCS/Reel	PCS/Inner Box	PCS/Outer Box
30	2487888-3	44.0±0.30	40.40±0.15	20.20±0.15	110	220	660
40	2487888-4	56.0±0.30	52.40±0.15	26.20±0.15	110	110	330
50	2487888-5	56.0±0.30	52.40±0.15	26.20±0.15	110	110	330
60	2487888-6	56.0±0.30	52.40±0.15	26.20±0.15	110	110	330
70	2487888-7	56.0±0.30	52.40±0.15	26.20±0.15	110	110	330
80	2487888-8	72.0±0.30	68.40±0.15	34.20±0.15	110	110	330
100	1-2487888-0	72.0±0.30	68.40±0.15	34.20±0.15	110	110	330
120	1-2487888-2	88.0±0.30	84.40±0.15	42.20±0.15	110	110	330

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		0 PLC ± 0.50 1 PLC ± 0.30 2 PLC ± 0.20 3 PLC ± - 4 PLC ± - ANGLES ± 1°		PRODUCT SPEC	0.8MM BOARD TO BOARD CONN. PLUG SMT TYPE H=19.75MM	
MATERIAL		FINISH		APPLICATION SPEC	SIZE	CAGE CODE
-		-		-	A2	00779
				WEIGHT	DRAWING NO	RESTRICTED
				0	C-2487888	-
CUSTOMER DRAWING					SCALE	SHEET
					1:1	2 OF 2
					REV	