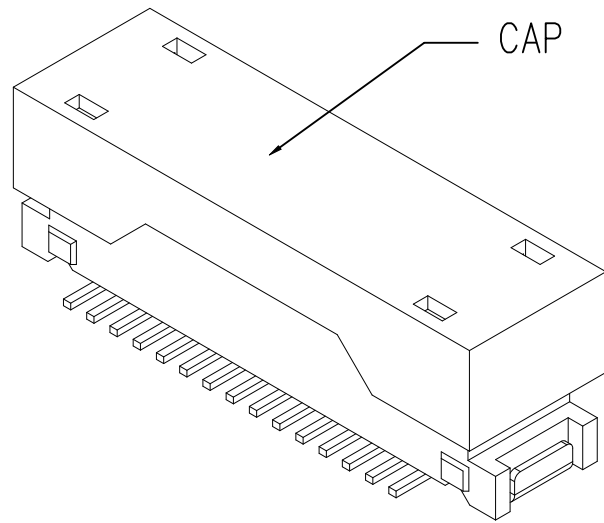
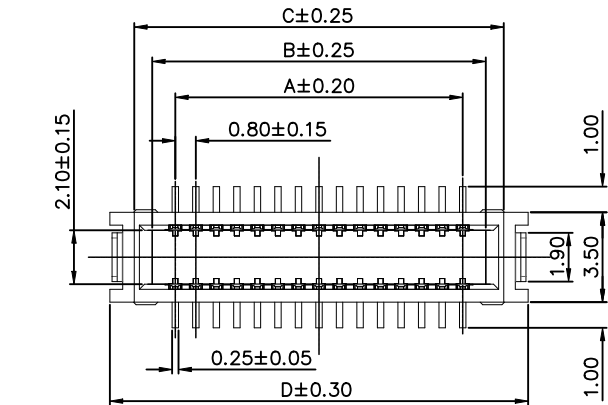


REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	A	INITIAL RELEASE	06DEC2024	MK	SSM



NOTES:

1. MATERIAL :
1, HOUSING : THERMOPLASTIC UL-94-V-0 BLACK
2, CAP : THERMOPLASTIC UL-94-V-0 NATURAL
3, CONTACT & PEG - COPPER ALLOY

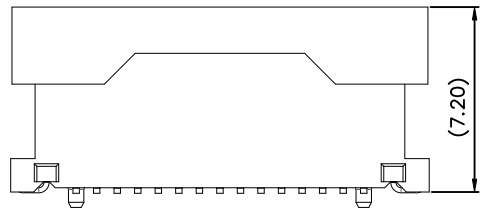
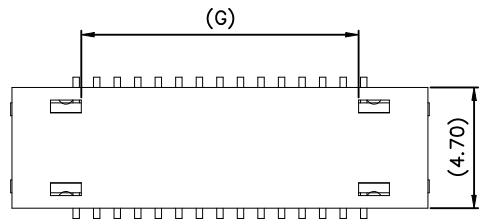
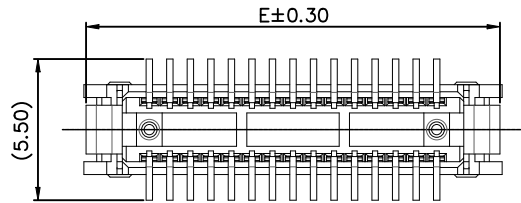
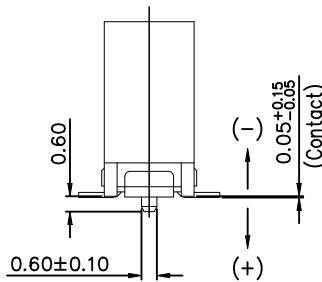
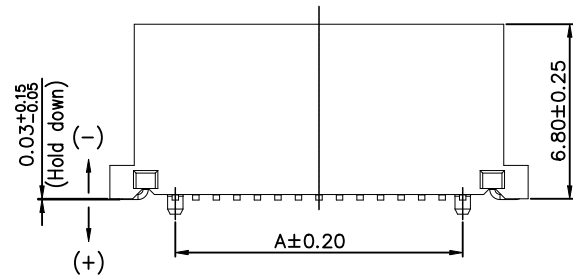
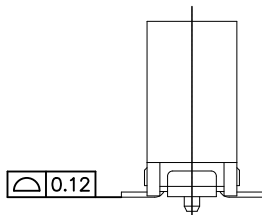
PLATING - PEG : 2.5µm MIN Sn OVER 1.25µm MIN Ni
PLATING - CONTACT : 0.075µm GOLD OVER Ni

2. ELECTRICAL : CONTACT RESISTANCE - 100 mΩ MAX (INITIAL)
120 mΩ MAX (FINAL)

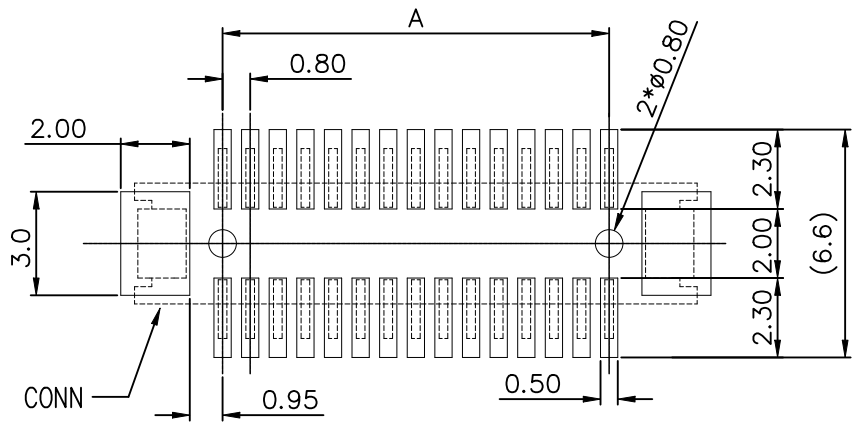
CONTACT RATING - 0.5Amp
INSULATION RESISTANCE - 500 MΩ
DIELECTRIC VOLTAGE - 250V AC

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

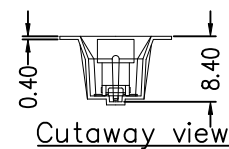
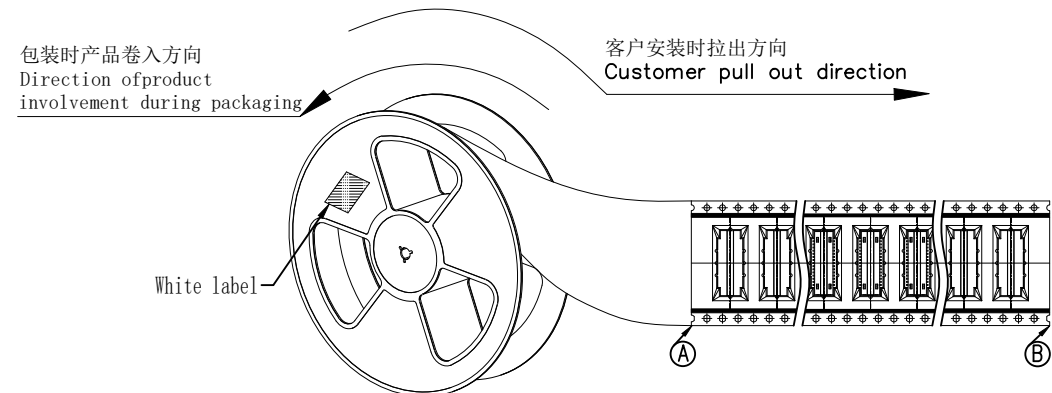
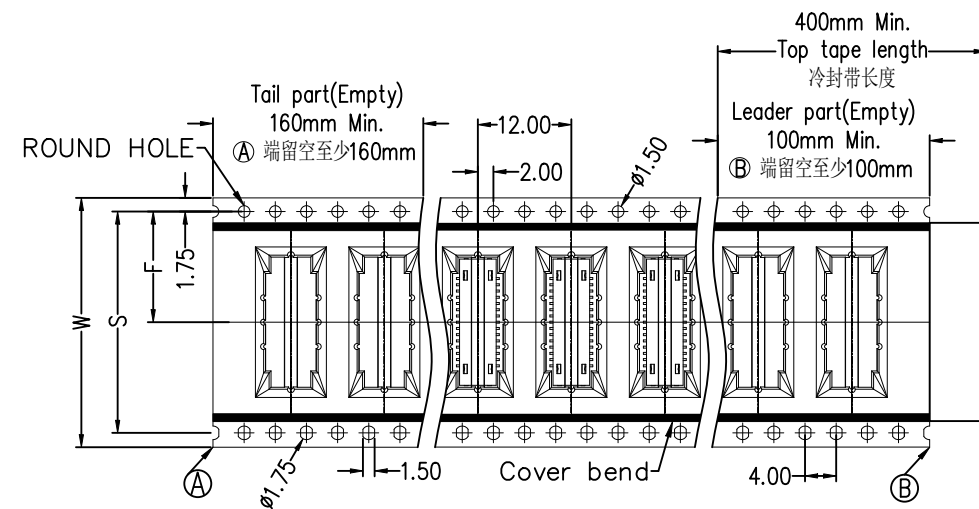


Recommended P.C.B layout(Top side)
(PCB board tolerance±0.05)

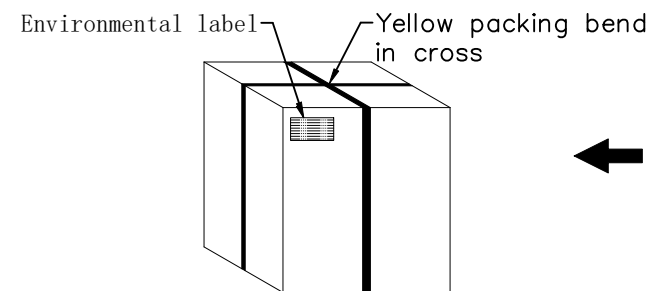
PART NUMBER	No.of Pins	A	B	C	D	E	F	G
2487877-3	30	11.2	13.0	14.4	16.3	16.16	11.2	10.8
2487877-4	40	15.2	17.0	18.4	20.3	20.16	15.2	14.8
2487877-5	50	19.2	21.0	22.4	24.3	24.16	19.2	18.8
2487877-6	60	23.2	25.0	26.4	28.3	28.16	23.2	22.8
2487877-7	70	27.2	29.0	30.4	32.3	32.16	27.2	26.8
2487877-8	80	31.2	33.0	34.4	36.3	36.16	31.2	30.8
1-2487877-0	100	39.2	41.0	42.4	44.3	44.16	39.2	38.8
1-2487877-2	120	47.2	49.0	50.4	52.3	52.16	47.2	46.8

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN 26JUN2024 CHK 26JUN2024 APVD 26JUN2024	TE Connectivity	
DIMENSIONS: mm	TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± 0.50 1 PLC ± 0.30 2 PLC ± 0.20 3 PLC ± - 4 PLC ± - ANGLES ± 1°	NAME SATHISH PRODUCT SPEC APPLICATION SPEC WEIGHT 0	0.8MM BOARD TO BOARD CONN. PLUG SMT TYPE H=6.80MM	
MATERIAL -	FINISH -	SIZE A2 CAGE CODE 00779 DRAWING NO C-2487877	RESTRICTED TO -	
CUSTOMER DRAWING		SCALE 1:1	SHEET 1 of 2	REV A

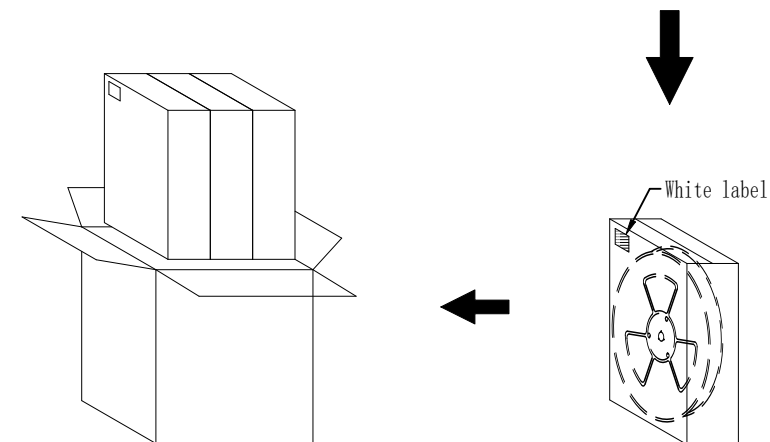
REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	-	SEE SHEET 1	-	-	-



No.1:
Before package, pay attention to leave more than 160mm(min) empty, after put the products into the carrier groove, packing with the cover bend then, Note: the tension between tape and cover bend is 30g~120g



Outer Box: CTN-18K



Inner Box: CTN-18E

No.4:
Seal,pack,label.

No.3:
Put inner box into outer box, (3pcs inner box/outer box) pay attention to the unified label direction

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	2487877-3	32.0±0.30	28.40±0.15	14.20±0.15	650	1300	3900
40	2487877-4	44.0±0.30	40.40±0.15	20.20±0.15	650	1300	3900
50	2487877-5	44.0±0.30	40.40±0.15	20.20±0.15	650	1300	3900
60	2487877-6	44.0±0.30	40.40±0.15	20.20±0.15	650	1300	3900
70	2487877-7	56.0±0.30	52.40±0.15	26.20±0.15	650	650	1950
80	2487877-8	56.0±0.30	52.40±0.15	26.20±0.15	650	650	1950
100	1-2487877-0	72.0±0.30	68.40±0.15	34.20±0.15	650	650	1950
120	1-2487877-2	72.0±0.30	68.40±0.15	34.20±0.15	650	650	1950

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN SUJANLAL 26JUN2024	TE Connectivity		
		CHK SUJANLAL 26JUN2024			
		APVD SATHISH 26JUN2024	NAME 0.8MM BOARD TO BOARD CONN. PLUG SMT TYPE H=6.80MM		
DIMENSIONS: mm		PRODUCT SPEC	APPLICATION SPEC	SIZE A2	CAGE CODE 00779
TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± 0.50 1 PLC ± 0.30 2 PLC ± 0.20 3 PLC ± - 4 PLC ± - ANGLES ± 1°		WEIGHT 0	DRAWING NO C-2487877	RESTRICTED TO	
MATERIAL -		FINISH -	SCALE 1:1	SHEET 2 of 2	REV A
CUSTOMER DRAWING					