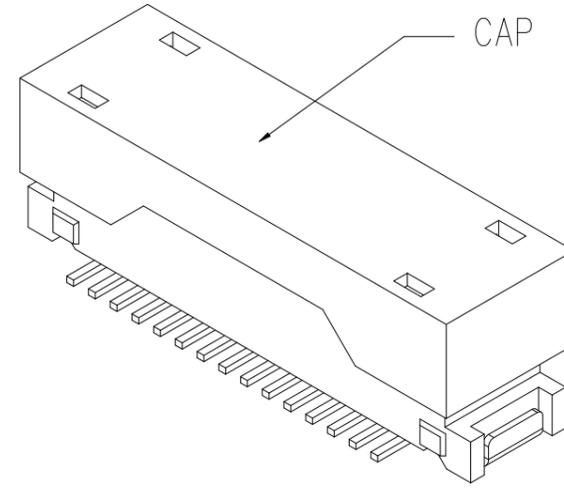
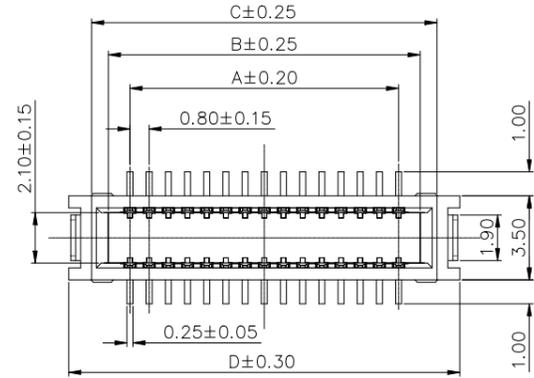


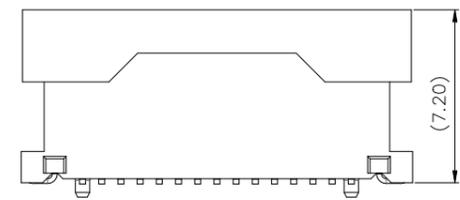
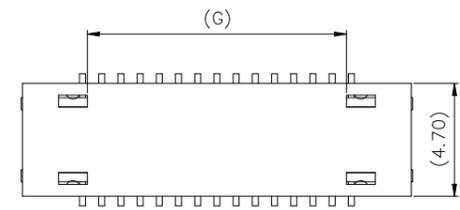
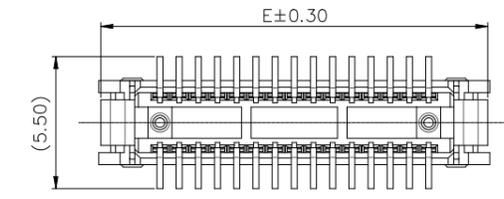
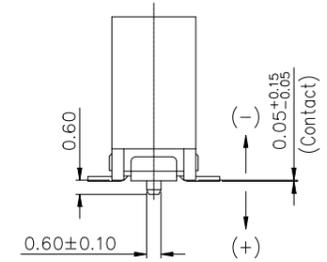
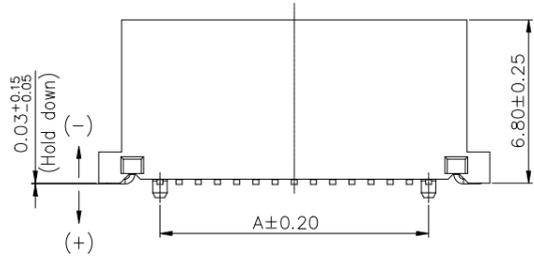
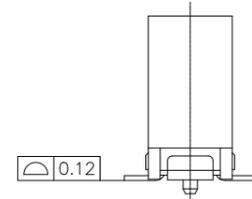
REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	A1	REVISED PER ECN-25-354741	18NOV2025	MK	SSM



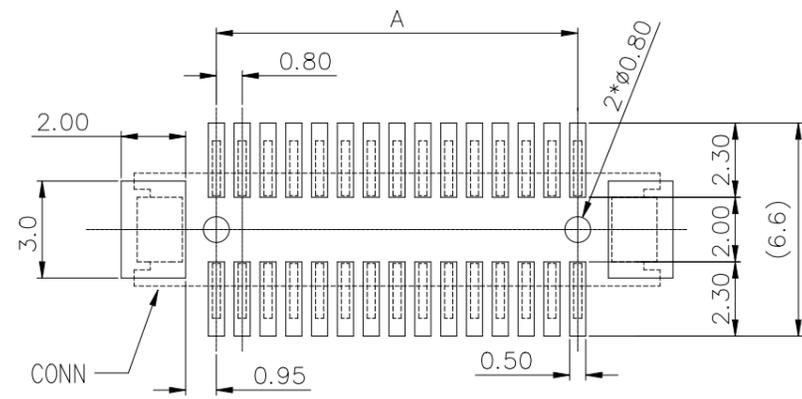
NOTES:

- 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
- ELECTRICAL :
  - CONTACT RESISTANCE - 100 mΩ MAX (INITIAL)  
120 mΩ MAX (FINAL)
  - CONTACT RATING - 0.5Amp
  - INSULATION RESISTANCE - 500 MΩ
  - DIELECTRIC VOLTAGE - 250V AC
- ENVIRONMENTAL :
  - OPERATION TEMPERATURE - -40 +125°C
  - SOLDERING PROCESS CAPABILITY - 260°C
- MECHANICAL LIFE :
  - 50 CYCLES
  - INSERTION FORCE - 2.45N/PIN MAX
  - WITHDRAWAL FORCE - 0.05N/PIN MIN



With cap



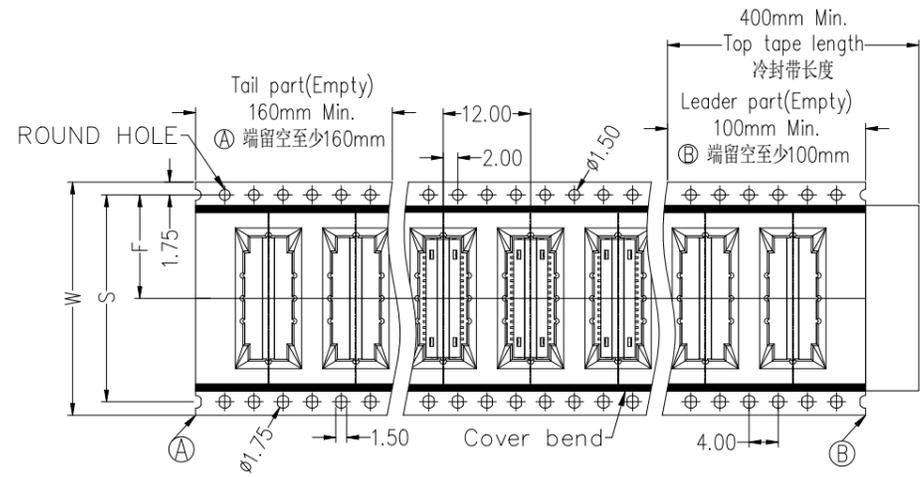
Recommended P.C.B layout(Top side)  
(PCB board tolerance±0.05 )

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 SUJANLAL 26JUN2024			
		CHK SUJANLAL 26JUN2024			
DIMENSIONS: mm		APVD SATHISH 26JUN2024	NAME 0.8MM BOARD TO BOARD CONN. PLUG SMT TYPE H=6.80MM		
TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± 0.50 1 PLC ± 0.30 2 PLC ± 0.20 3 PLC ± - 4 PLC ± - ANGLES ± 1° FINISH -		APPLICATION SPEC -	SIZE A2	CAGE CODE 00779	DRAWING NO C=2487877
MATERIAL -		WEIGHT 0	RESTRICTED TO -	CUSTOMER DRAWING	
		SCALE 1:1	SHEET 1 of 2	REV A1	

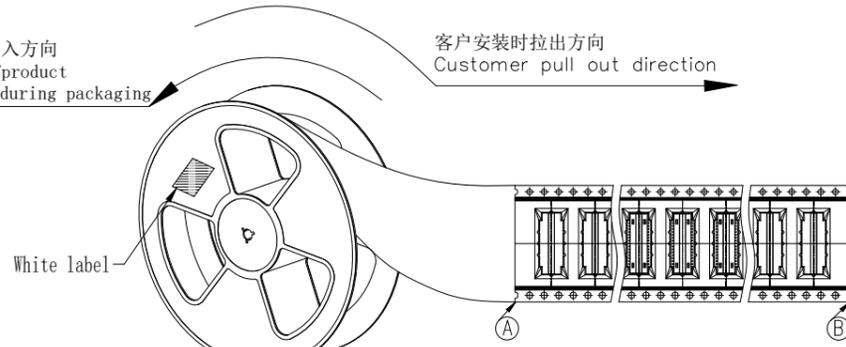
2487877

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

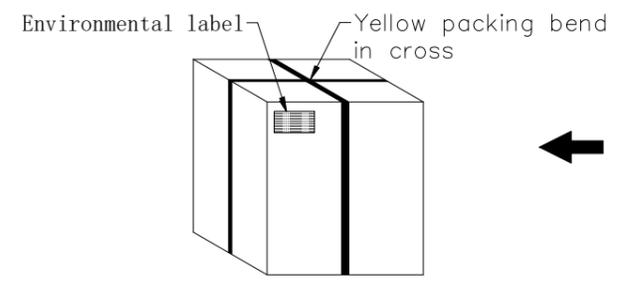
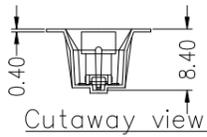


包装时产品卷入方向  
Direction of product involvement during packaging

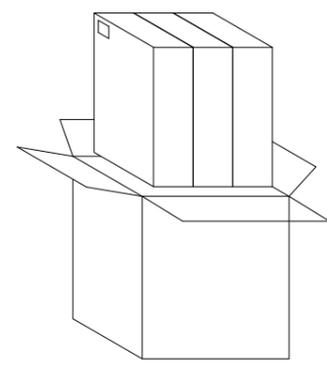
客户安装时拉出方向  
Customer pull out direction



**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	
DIMENSIONS: mm		CHK SUJANLAL 26JUN2024		
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD SATHISH 26JUN2024	NAME 0.8MM BOARD TO BOARD CONN. PLUG SMT TYPE H=6.80MM	
MATERIAL		APPLICATION SPEC	SIZE A2	CAGE CODE 00779
FINISH		WEIGHT 0	DRAWING NO C=2487877	RESTRICTED TO
		CUSTOMER DRAWING	SCALE 1:1	SHEET 2 of 2
			REV A1	

2487877