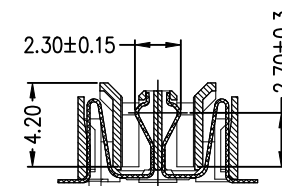
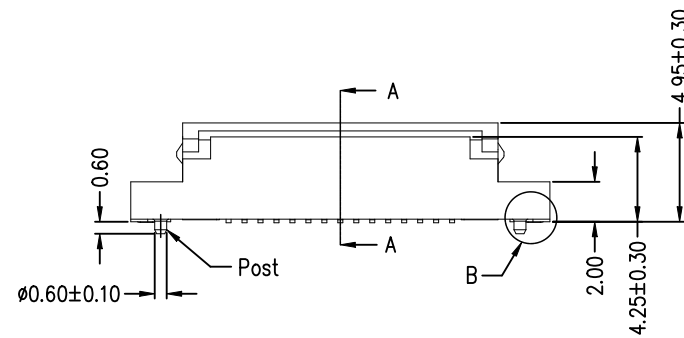
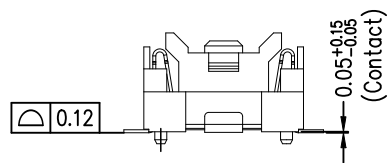
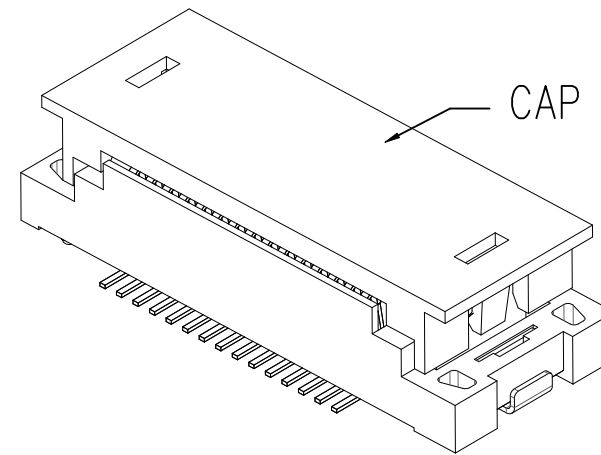
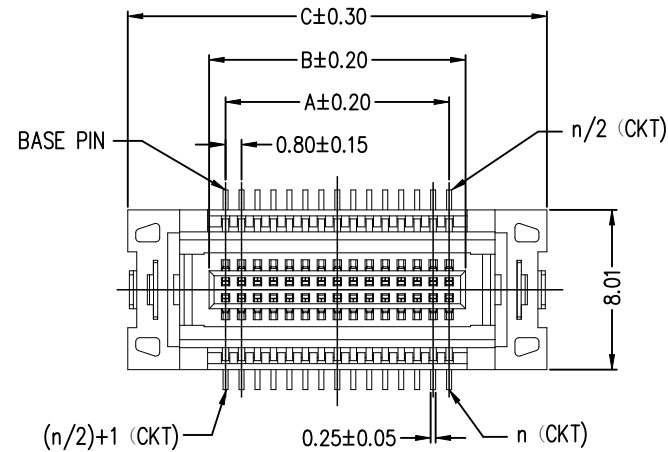


REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	A	INITIAL RELEASE	06DEC2024	MK	SSM

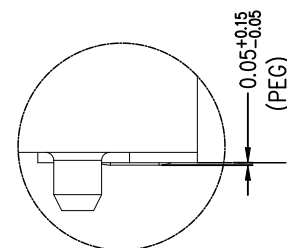
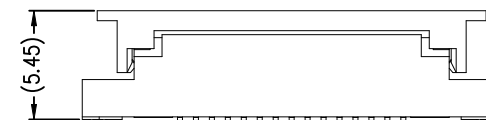
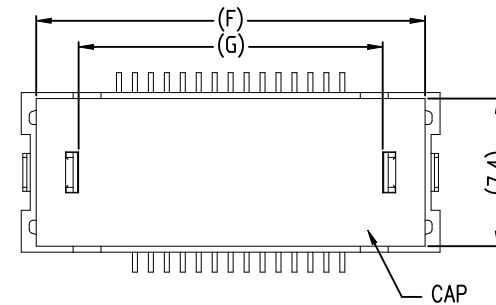
NOTES:

- MATERIAL:
 - HOUSING : THERMOPLASTIC UL-94-V-0 BLACK
 - CAP : THERMOPLASTIC UL-94-V-0 NATURAL
 - CONTACT & PEG - COPPER ALLOY
PLATING - PEG : 2.5 μ m MIN Sn OVER 1.25 μ m MIN Ni
PLATING - CONTACT : 0.075 μ m GOLD OVER Ni
- ELECTRICAL :
CONTACT RESISTANCE - 100 m Ω MAX (INITIAL)
- 120 m Ω MAX (FINAL)

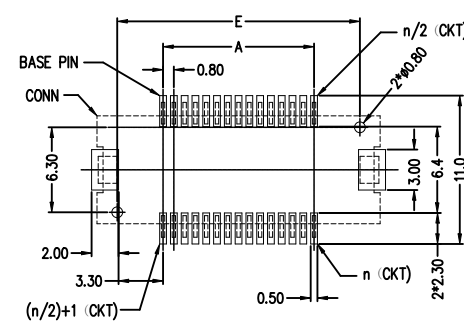
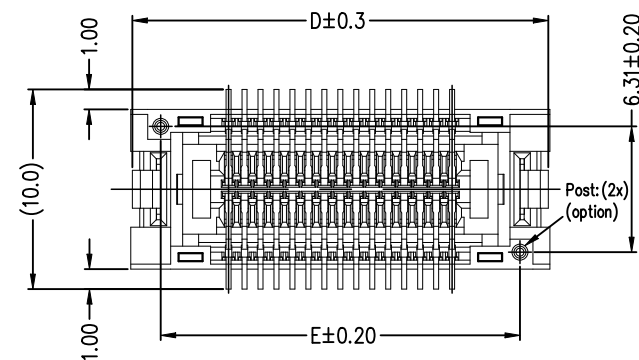
CONTACT RATING - 0.5Amp
INSULATION RESISTANCE- 500 M Ω
DIELECTRIC VOLTAGE - 250V AC
- ENVIRONMENTAL :
OPERATION TEMPERATURE- -40 +105°C
SOLDERING PROCESS CAPABILITY - 260°C
- MECHANICAL LIFE : 50 CYCLES
INSERTION FORCE - 2.45N/PIN MAX
WITHDRAWAL FORCE - 0.05N/PIN MIN



SECTION: A-A



Detail B
Scale 4:1



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

PART NUMBER	No.of Pins	A	B	C	D	E	F	G
2487492-3	30	11.2	12.8	21.0	20.8	18.0	19.5	15.3
2487492-4	40	15.2	16.8	25.0	24.8	22.0	23.5	19.3
2487492-5	50	19.2	20.8	29.0	28.8	26.0	27.5	23.3
2487492-6	60	23.2	24.8	33.0	32.8	30.0	31.5	27.3
2487492-7	70	27.2	28.8	37.0	36.8	34.0	35.5	31.3
2487492-8	80	31.2	32.8	41.0	40.8	38.0	39.5	35.3
1-2487492-0	100	39.2	40.8	49.0	48.8	46.0	47.5	43.3
1-2487492-2	120	47.2	48.8	57.0	56.8	54.0	55.5	51.3

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN SUJANLAL 26JUN2024	TE Connectivity	
DIMENSIONS: mm		CHK SUJANLAL 26JUN2024		
	TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± 0.50 1 PLC ± 0.30 2 PLC ± 0.20 3 PLC ± 0.15 4 PLC ± 0.10 ANGLES ± 1°	APVD SATHISH 26JUN2024	NAME 0.8MM BOARD TO BOARD CONN.SOCKET SMT TYPE H=4.95MM	
		PRODUCT SPEC	APPLICATION SPEC	
MATERIAL -	FINISH -	WEIGHT 0	SIZE A2	CAGE CODE 00779
CUSTOMER DRAWING		SCALE 1:1	DRAWING NO C-2487492	RESTRICTED TO -
		SHEET 1 OF 4	REV A	

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

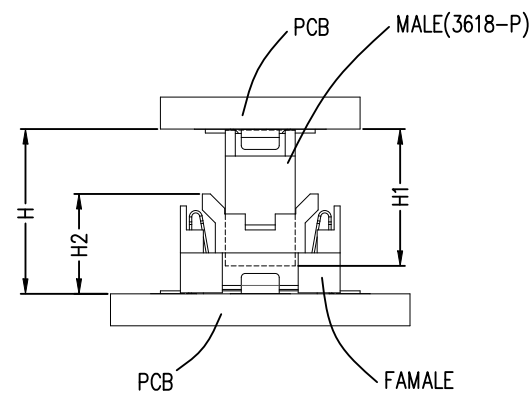


Table 2:

PART NO.	ASS'Y HELGHT (H)	MALE HELGHT (H1)	FEMALE HELGHT (H2)
X-2487671-X	6.25	4.8	4.95
X-2487877-X	8.25	6.8	
X-2487881-X	9.25	7.8	



MATING ANGLE

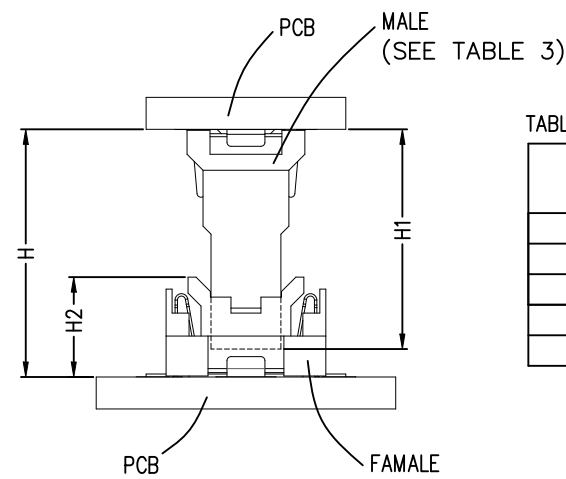
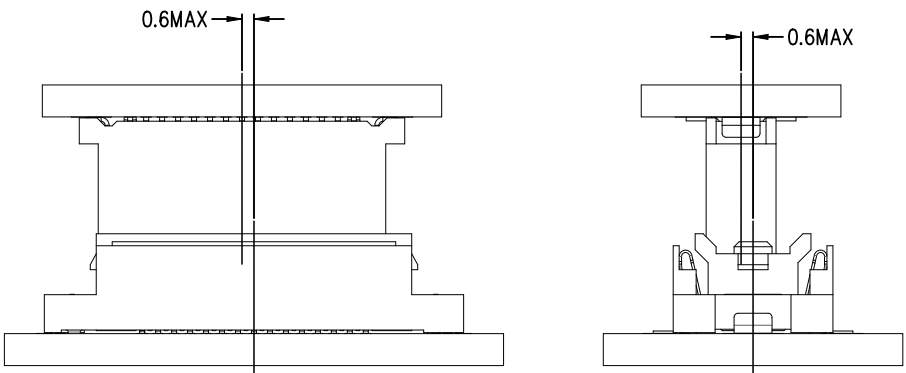


TABLE 3:

PART NO.	ASS'Y HELGHT (H)	MALE HELGHT (H1)	FEMALE HELGHT (H2)
X-2487884-X	12.4	10.95	4.95
X-2487886-X	14.5	13.05	
X-2487883-X	16.0	14.55	
X-2487887-X	17.25	15.8	
X-2487888-X	21.2	19.75	



GUIDING LOCATION

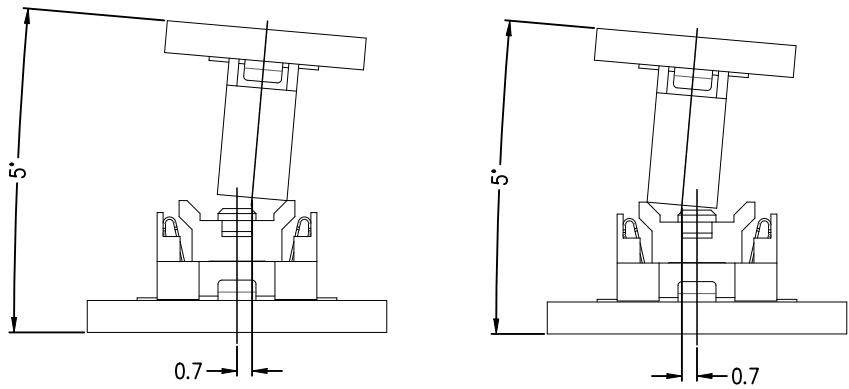
THE MAXIMUM INSERTION FORCE IS SHOWN IN TABLE BELOW:

NO.OF PINS:	30	40	50	60	70	80
COMBINATION (N)	60	90	120	150	180	210

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN SUJANLAL 26JUN2024	TE Connectivity	
		CHK SUJANLAL 26JUN2024		
DIMENSIONS: mm		APVD SATHISH 26JUN2024	NAME 0.8MM BOARD TO BOARD CONN.SOCKET SMT TYPE H=4.95MM	
		PRODUCT SPEC	SIZE A2	
		APPLICATION SPEC	CAGE CODE 00779	
MATERIAL -		WEIGHT 0	DRAWING NO C-2487492	
FINISH -		CUSTOMER DRAWING		RESTRICTED TO -
		SCALE 1:1	SHEET 2 OF 4	REV A

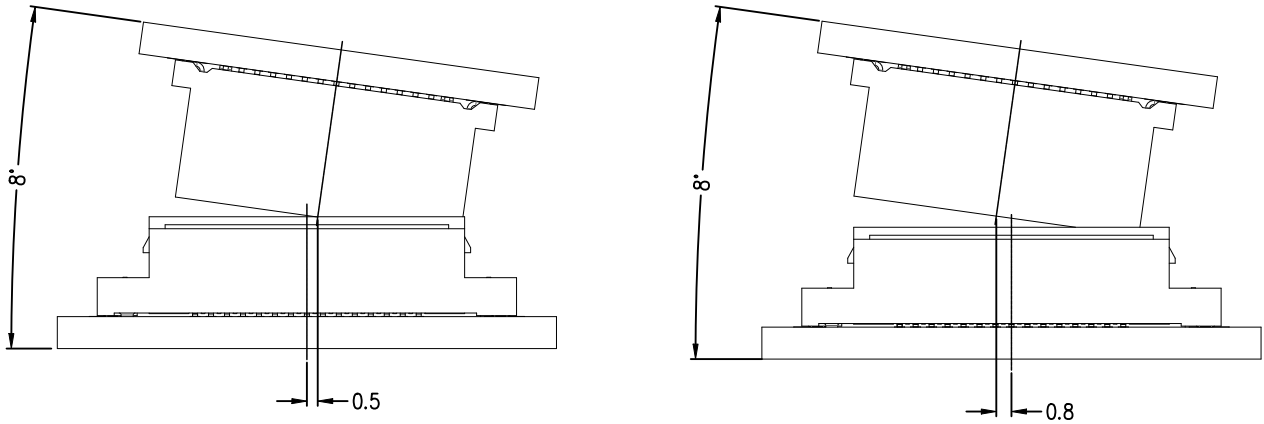
REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	-	SEE SHEET 1	-	-	-

GUIDING LOCATION

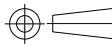


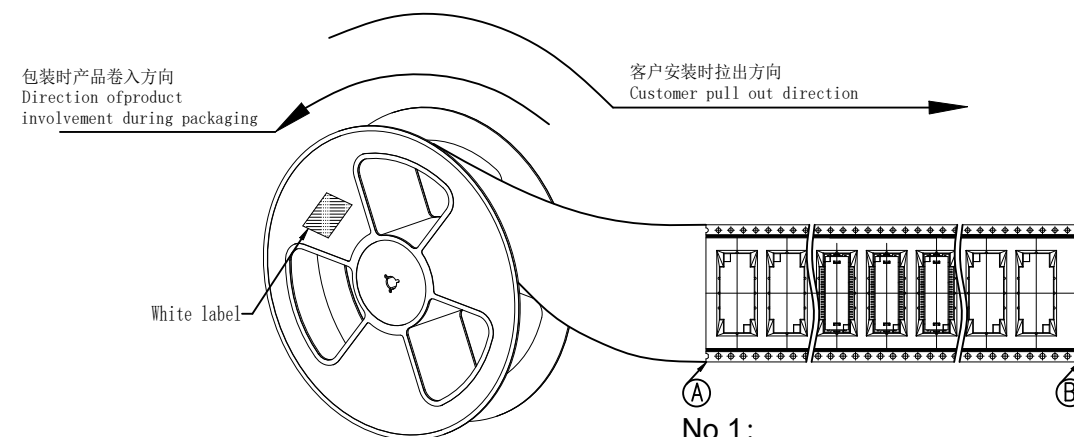
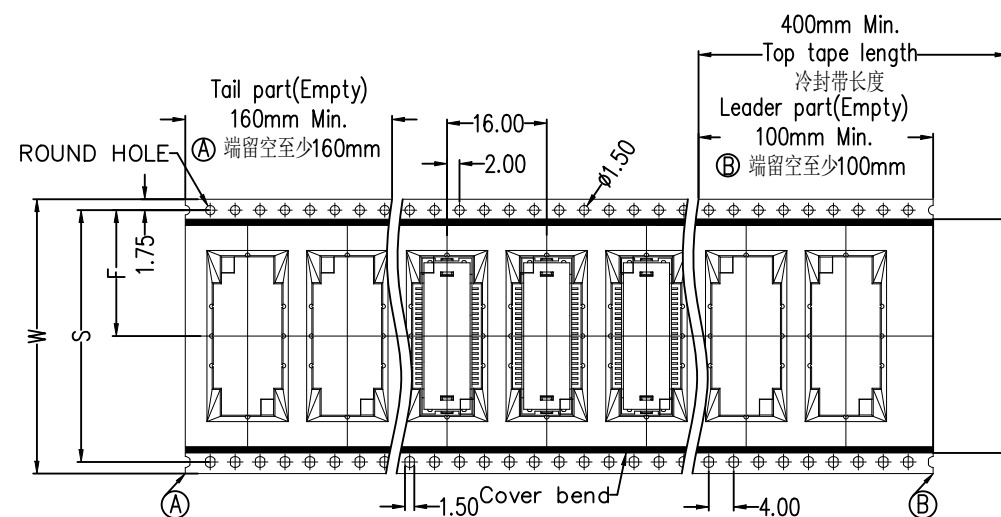
ALLOWABLE OFFSET DISTANCE IS 0.7MM MAX

GUIDING LOCATION

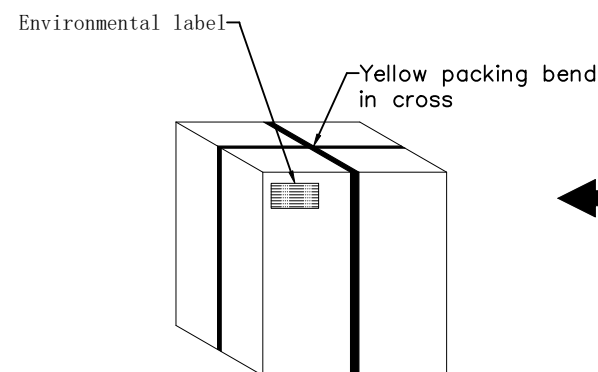
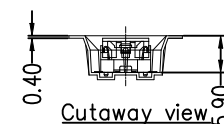


ALLOWABLE OFFSET DISTANCE IS 0.5MM MAX

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN	26JUN2024		 TE Connectivity						
		CHK	26JUN2024								
DIMENSIONS:		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME 0.8MM BOARD TO BOARD CONN.SOCKET SMT TYPE H=4.95MM							
mm		APVD									
		SATHISH									
		PRODUCT SPEC									
		APPLICATION SPEC									
		—									
MATERIAL		WEIGHT		SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO				
—		0		A2	00779	C-2487492	—				
		CUSTOMER DRAWING				SCALE	1:1	SHEET	3 of 4	REV	A

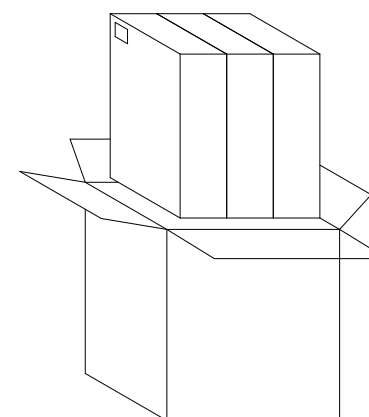


No.1:
Before package, pay attention to
leave more than 160mm(min) empty,
after put the products into the carrier groove,
packing with the cover bend then,
Note: the tension between tape and cover bend is 30g~120g

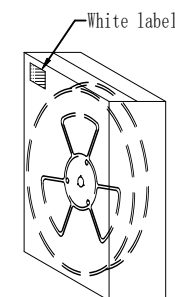


Outer Box: CTN-18K

No.4:
Seal,pack,label.



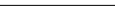
No.3:
Put inner box into outer box,
(3pcs inner box/outer box)
pay attention to the unified label direction.



Inner Box: CTN-18E

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.

PIN	TE P/N	W	S	F	PCS/Reel	PCS/Inner Box	PCS/Outer Box
30	2487492-3	44.0±0.30	40.40±0.15	20.20±0.15	600	1200	3600
40	2487492-4	44.0±0.30	40.40±0.15	20.20±0.15	600	1200	3600
50	2487492-5	44.0±0.30	40.40±0.15	20.20±0.15	600	1200	3600
60	2487492-6	56.0±0.30	52.40±0.15	26.20±0.15	600	600	1800
70	2487492-7	56.0±0.30	52.40±0.15	26.20±0.15	600	600	1800
80	2487492-8	56.0±0.30	52.40±0.15	26.20±0.15	600	600	1800
100	1-2487492-0	72.0±0.30	68.40±0.15	34.20±0.15	600	600	1800
120	1-2487492-2	72.0±0.30	68.40±0.15	34.20±0.15	600	600	1800

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN SUJANJAL		26JUN2024		 TE Connectivity	
		CHK SUJANJAL		26JUN2024			
DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD SATHISH		NAME	
		0 PLC ± 0.50		PRODUCT SPEC		0.8MM BOARD TO BOARD CONN.SOCKET SMT TYPE H=4.95MM —	
		1 PLC ± 0.30		APPLICATION SPEC			
		2 PLC ± 0.20					
		3 PLC ± —		SIZE		CAGE CODE	DRAWING NO
		4 PLC ± —		—		RESTRICTED	
MATERIAL		FINISH		WEIGHT		—	
—		—		0		A2 00779 C=2487492	
CUSTOMER DRAWING						SCALE	1:1
						SHEET	4 of 4
						REV	A