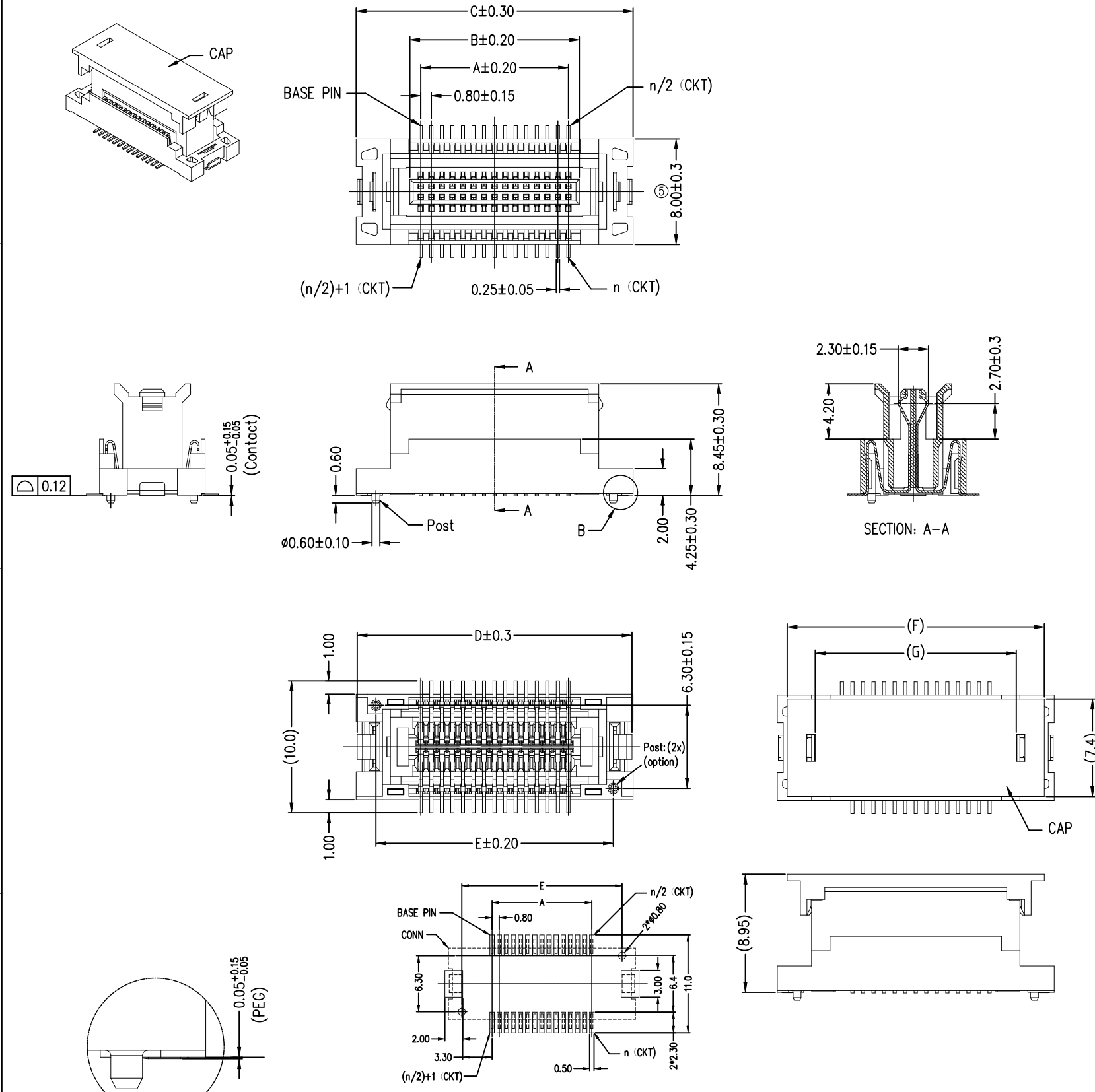


REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	A	INITIAL RELEASE	06DEC2024	MK	SSM



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 +105°C
SOLDERING PROCESS CAPABILITY - 260°C
- MECHANICAL LIFE : 50 CYCLES
INSERTION FORCE - 2.45N/PIN MAX
WITHDRAWAL FORCE - 0.05N/PIN MIN

PART NUMBER	No.of Pins	A	B	C	D	E	F	G
2487882-3	30	11.2	12.8	21.0	20.8	18.0	19.5	15.3
2487882-4	40	15.2	16.8	25.0	24.8	22.0	23.5	19.3
2487882-5	50	19.2	20.8	29.0	28.8	26.0	27.5	23.3
2487882-6	60	23.2	24.8	33.0	32.8	30.0	31.5	27.3
2487882-7	70	27.2	28.8	37.0	36.8	34.0	35.5	31.3
2487882-8	80	31.2	32.8	41.0	40.8	38.0	39.5	35.3
1-2487882-0	100	39.2	40.8	49.0	48.8	46.0	47.5	43.3
1-2487882-2	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				
		CHK SUJANLAL 26JUN2024					
DIMENSIONS: mm	TOLERANCES UNLESS OTHERWISE SPECIFIED:	APVD SATHISH 26JUN2024	NAME 0.8MM BOARD TO BOARD CONN.SOCKET SMT TYPE H=8.45MM				
	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	SIZE A2	CAGE CODE 00779	DRAWING NO C-2487882	RESTRICTED TO —	
CUSTOMER DRAWING					SCALE 1:1	SHEET 1 OF 4	REV A

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

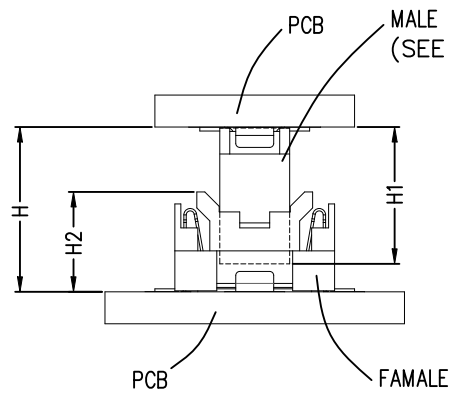


Table 2:

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

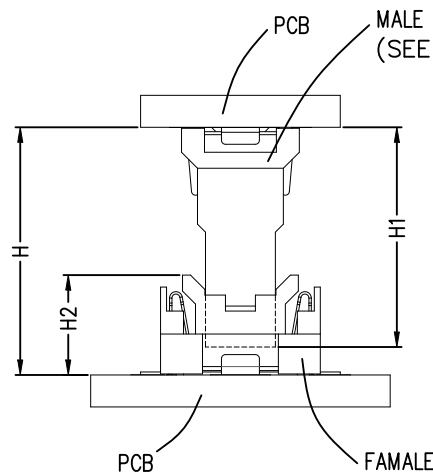
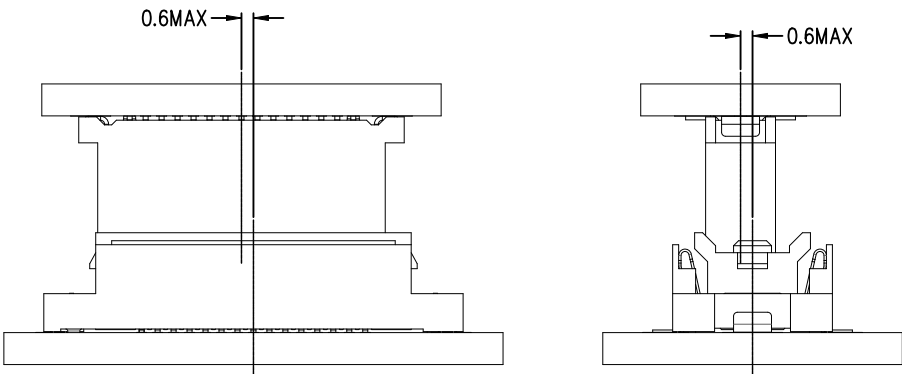


TABLE 3:

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	



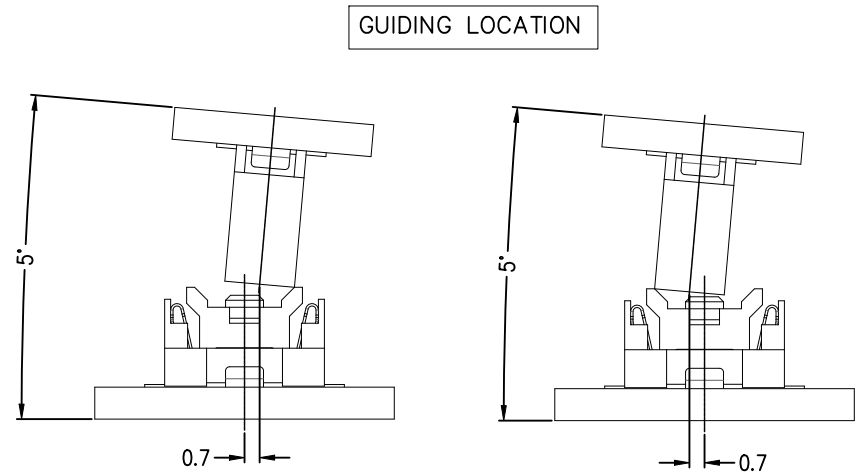
GUIDING LOCATION

THE MAXIMUM INSERTION FORCE IS SHOWN IN TABLE BELOW:

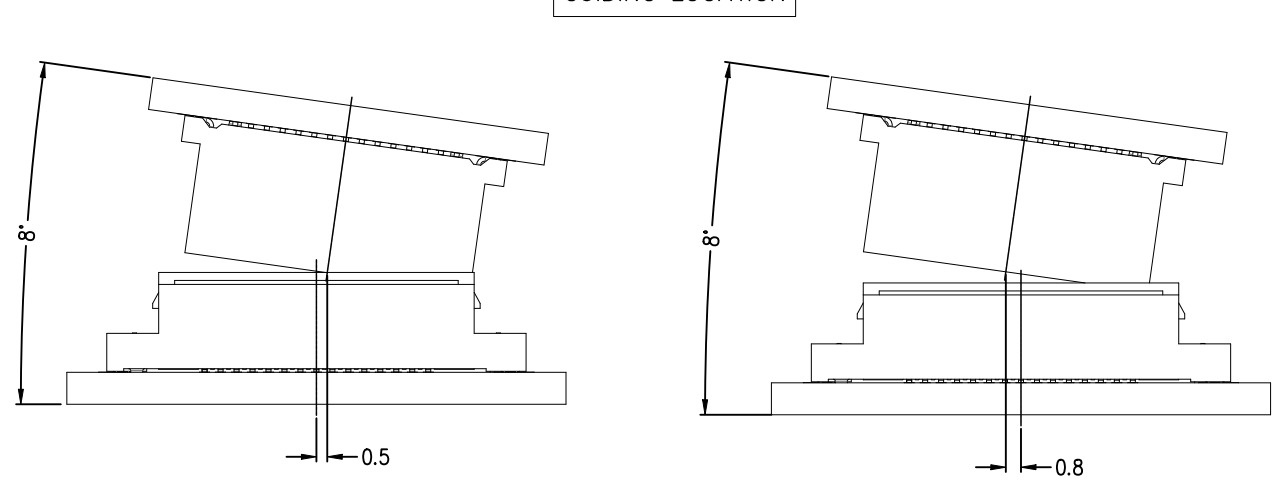
NO.OF PINS:	30	40	50	60	70	80
COMBINATION (N)	60	90	120	150	180	210

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		CHK SUJANLAL 26JUN2024			
DIMENSIONS: mm		APVD SATHISH 26JUN2024	NAME 0.8MM BOARD TO BOARD CONN.SOCKET SMT TYPE H=8.45MM		
		PRODUCT SPEC	RESTRICTED TO		
		APPLICATION SPEC			
MATERIAL	FINISH	WEIGHT 0	SIZE A2	CAGE CODE 00779	DRAWING NO C-2487882
		CUSTOMER DRAWING	SCALE 1:1	SHEET 2 OF 4	REV A

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



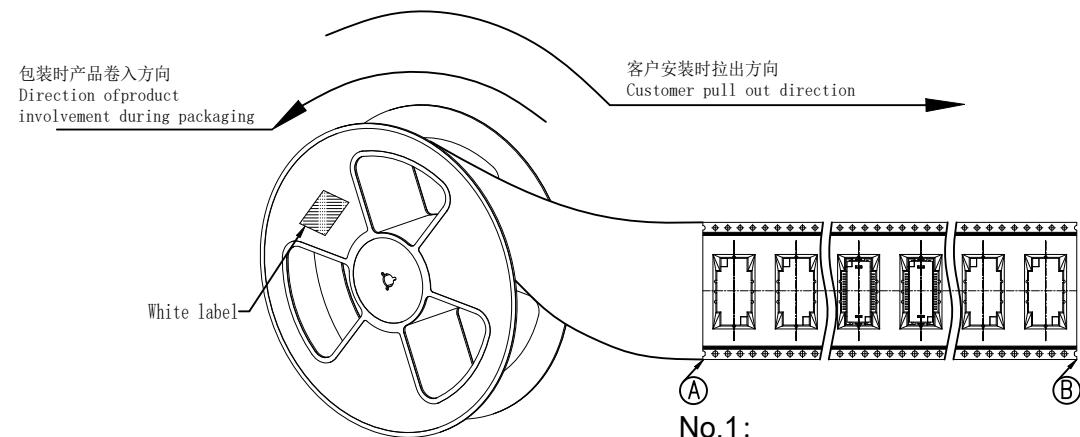
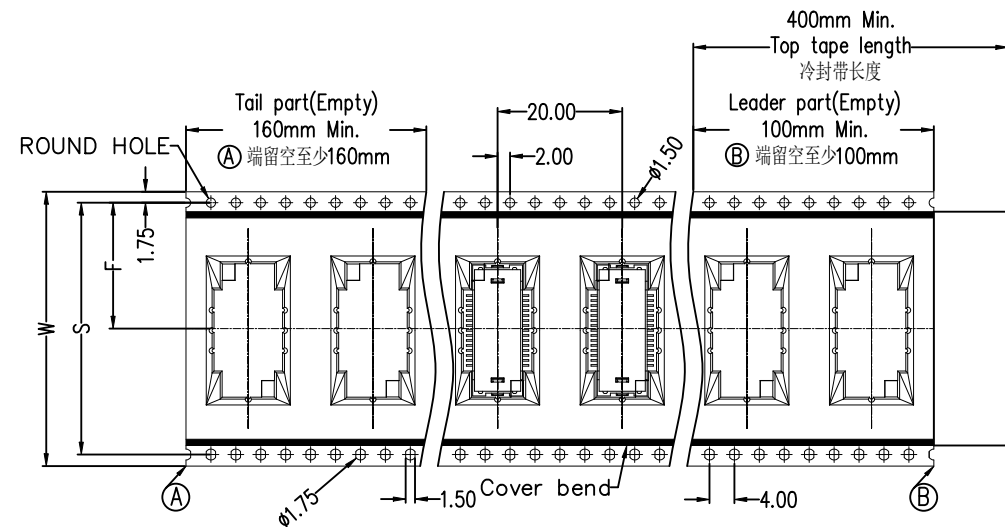
ALLOWABLE OFFSET DISTANCE IS 0.7MM MAX



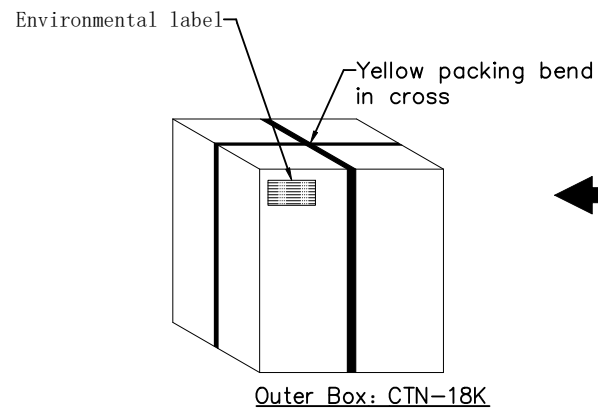
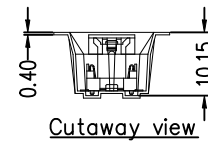
ALLOWABLE OFFSET DISTANCE IS 0.5MM MAX

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		CHK SUJANLAL 26JUN2024			
DIMENSIONS: mm	TOLERANCES UNLESS OTHERWISE SPECIFIED: 0. PLC ± 0.50 1. PLC ± 0.30 2. PLC ± 0.20 3. PLC ± - 4. PLC ± - ANGLES ± 1°	APVD SATHISH 26JUN2024	NAME 0.8MM BOARD TO BOARD CONN.SOCKET SMT TYPE H=8.45MM		
		PRODUCT SPEC	SIZE A2		
		APPLICATION SPEC	CAGE CODE 00779		
MATERIAL -	FINISH -	WEIGHT 0	DRAWING NO C-2487882		RESTRICTED TO -
		CUSTOMER DRAWING	SCALE 1:1	SHEET 3 OF 4	REV A

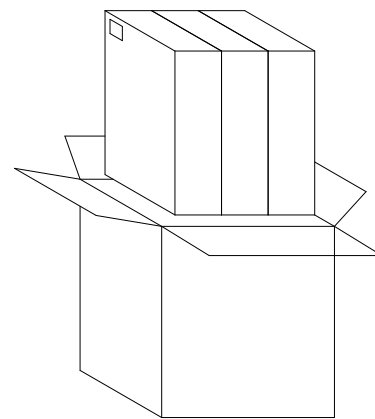
REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	-	SEE SHEET 1	-	-	-



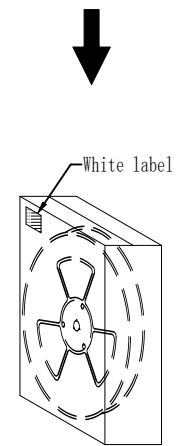
No.1:
Before package, pay attention to leave more than 160mm(min) empty, after put the products into the carrier groove, packing with the cover bend then,
Note: the tension between tape and cover bend is 30g~120g



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	2487882-3	44.0±0.30	40.40±0.15	20.20±0.15	300	600	1800
40	2487882-4	44.0±0.30	40.40±0.15	20.20±0.15	300	600	1800
50	2487882-5	56.0±0.30	52.40±0.15	26.20±0.15	300	300	900
60	2487882-6	56.0±0.30	52.40±0.15	26.20±0.15	300	300	900
70	2487882-7	56.0±0.30	52.40±0.15	26.20±0.15	300	300	900
80	2487882-8	72.0±0.30	68.40±0.15	34.20±0.15	300	300	900
100	1-2487882-0	72.0±0.30	68.40±0.15	34.20±0.15	300	300	900
120	1-2487882-2	88.0±0.30	84.40±0.15	42.20±0.15	300	300	900

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN SUJANLAL 26JUN2024		 TE Connectivity	
		CHK SUJANLAL 26JUN2024			
DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME 0.8MM BOARD TO BOARD CONN.SOCKET SMT TYPE H=8.45MM —	
		0 PLC ± 0.50			
		1 PLC ± 0.30			
		2 PLC ± 0.20			
		3 PLC ± —		APPLICATION SPEC —	
		4 PLC ± —			
		ANGLES ± 1°			
MATERIAL —		FINISH —		SIZE A2	
		WEIGHT 0		CAGE CODE 00779	
		CUSTOMER DRAWING		DRAWING NO C-2487882	
				RESTRICTED TO —	
				SCALE 1:1	
				SHEET 4 OF 4	
				REV A	