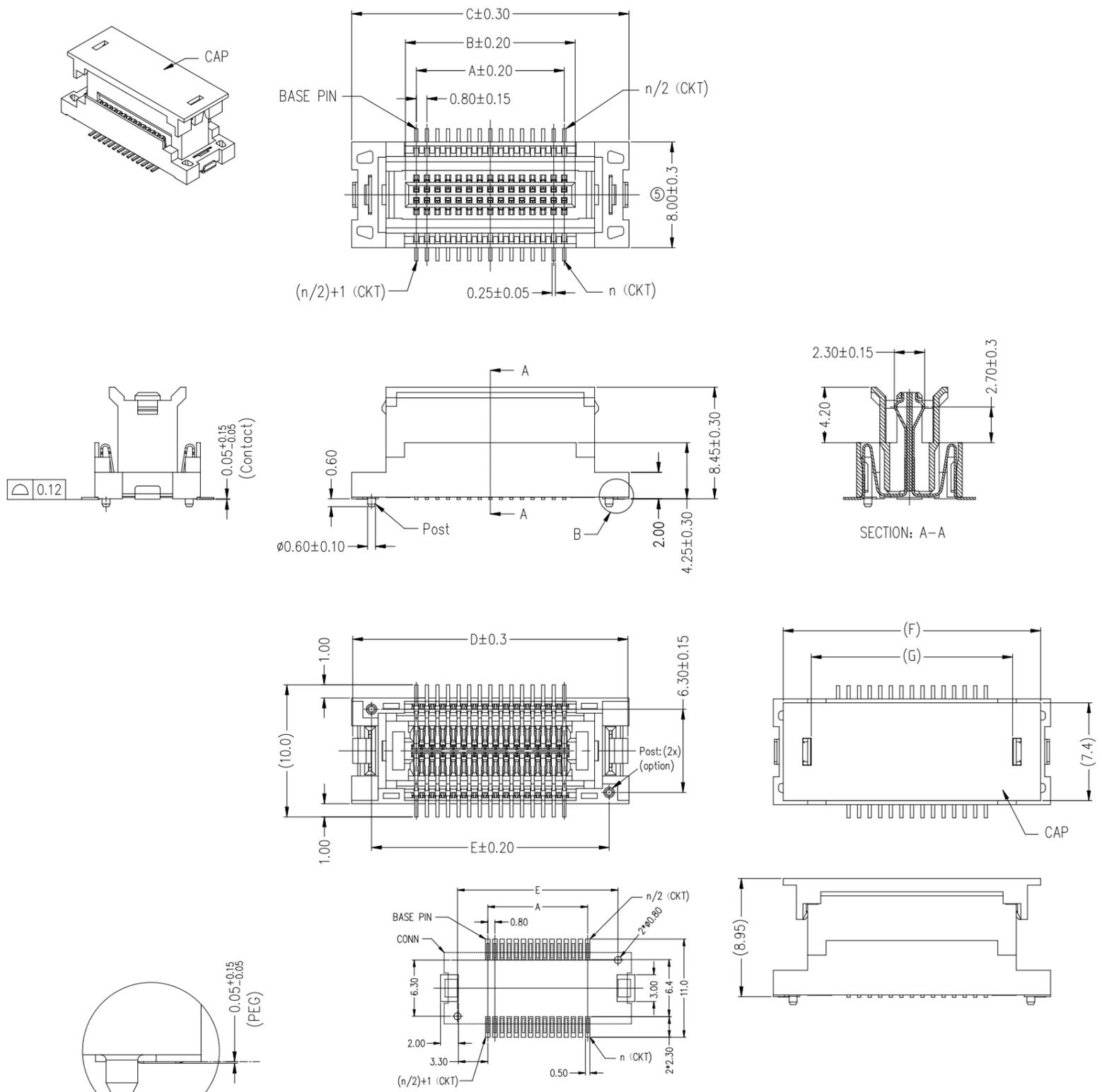


REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	A1	REVISED PER ECN-25-354741	24JUL2025	SSM	M.J



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

FINISH	PART NUMBER	No.of Pins	A	B	C	D	E	F	G
30u" Au	1-2487882-5	50	19.2	20.8	29.0	28.8	26.0	27.5	23.3
	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
	3u" Au	1-2487882-0	100	39.2	40.8	49.0	48.8	46.0	47.5
3u" Au	1-2487882-2	120	47.2	48.8	57.0	56.8	54.0	55.5	51.3

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

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm	TOLERANCES UNLESS OTHERWISE SPECIFIED:	DWN SUJANLAL 26JUN2024	
	0 PLC ± 0.50	CHK SUJANLAL 26JUN2024	
	1 PLC ± 0.30	APVD SATHISH 26JUN2024	
	2 PLC ± 0.20	NAME	
MATERIAL	FINISH	APPLICATION SPEC	0.8MM BOARD TO BOARD CONN.SOCKET SMT TYPE H=8.45MM
		WEIGHT 0	SIZE CAGE CODE DRAWING NO RESTRICTED TO
		CUSTOMER DRAWING	A2 00779 C=2487882
		SCALE 1:1	SHEET 1 of 4 REV A1

2487882

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

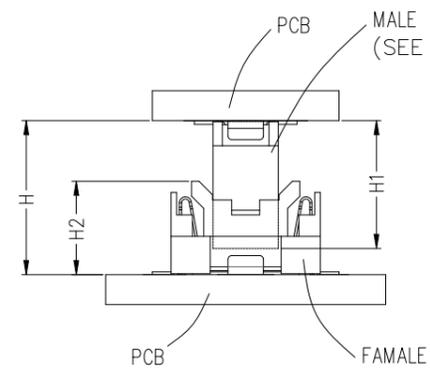
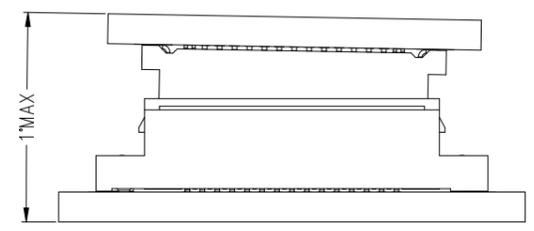


Table 2:

PART NO.	ASS'Y HELGHT (H)	MALE HELGHT (H1)	FEMALE HELGHT (H2)
X-2487671-X	9.75	4.8	8.45
X-2487877-X	11.75	6.8	
X-2487881-X	12.75	7.8	



MATING ANGLE

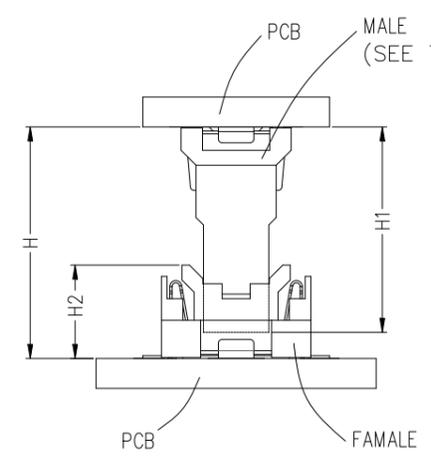
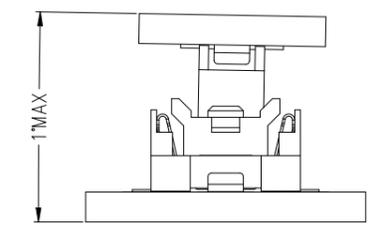
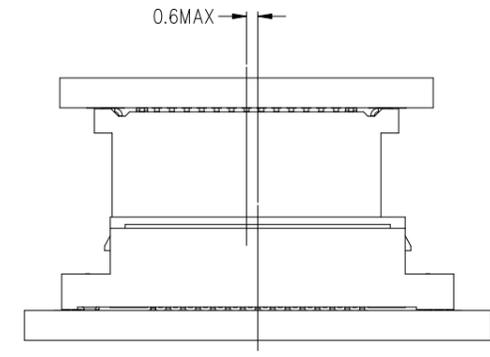
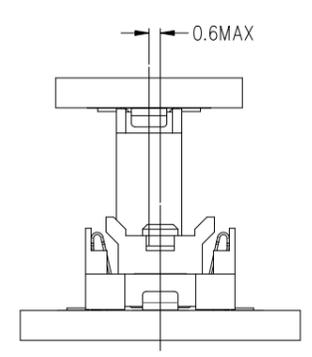


TABLE 3:

PART NO.	ASS'Y HELGHT (H)	MALE HELGHT (H1)	FEMALE HELGHT (H2)
X-2487884-X	15.9	10.95	8.45
X-2487886-X	18.0	13.05	
X-2487883-X	19.5	14.55	
X-2487887-X	20.75	15.8	
X-2487888-X	24.7	19.75	



GUIDING LOCATION

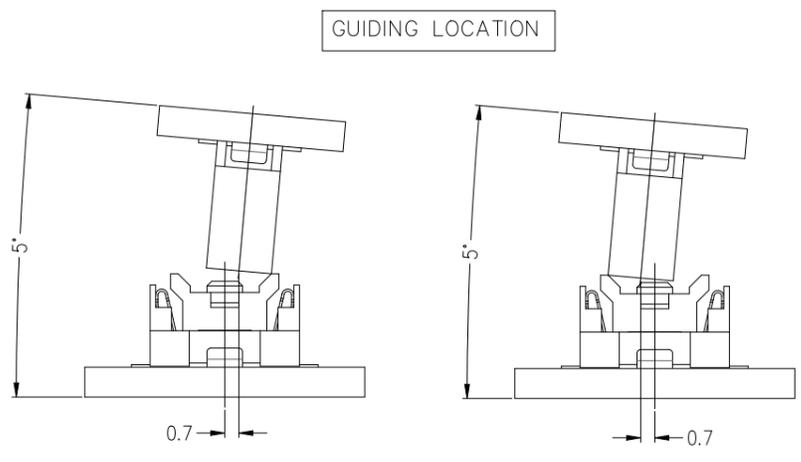


THE MAXIMUM INSERTION FORCE IS SHOWN IN TABLE BELOW:

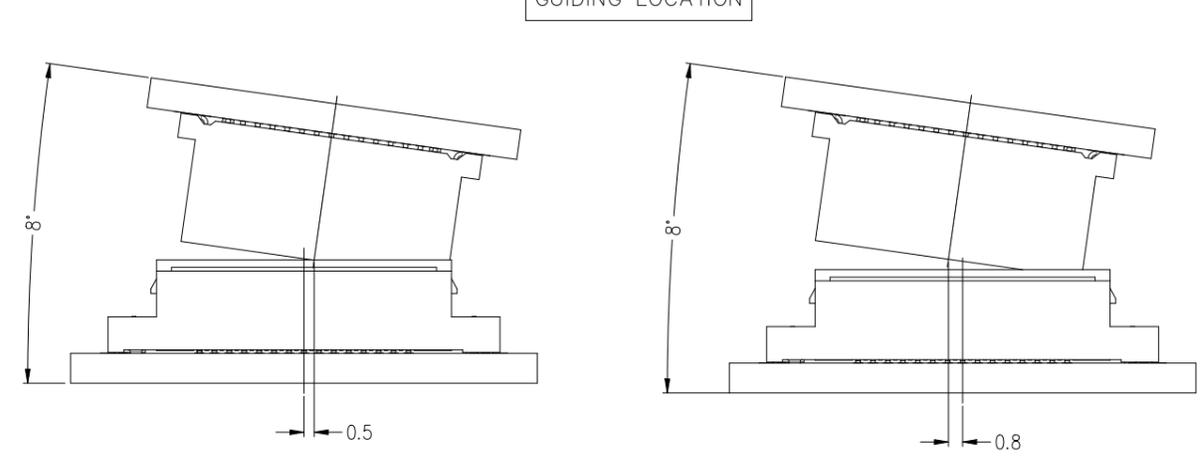
NO.OF PINS:	30	40	50	60	70	80
COMBINATION (N X)	60	90	120	150	180	210

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN SUJANLAL 26JUN2024	TE TE Connectivity		
DIMENSIONS: mm		CHK SUJANLAL 26JUN2024			
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° FINISH		APPLICATION SPEC -	SIZE A2	CAGE CODE 00779	DRAWING NO C=2487882
MATERIAL -		WEIGHT 0	RESTRICTED TO -	SCALE 1:1	SHEET 2 of 4
CUSTOMER DRAWING			REV A1		

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



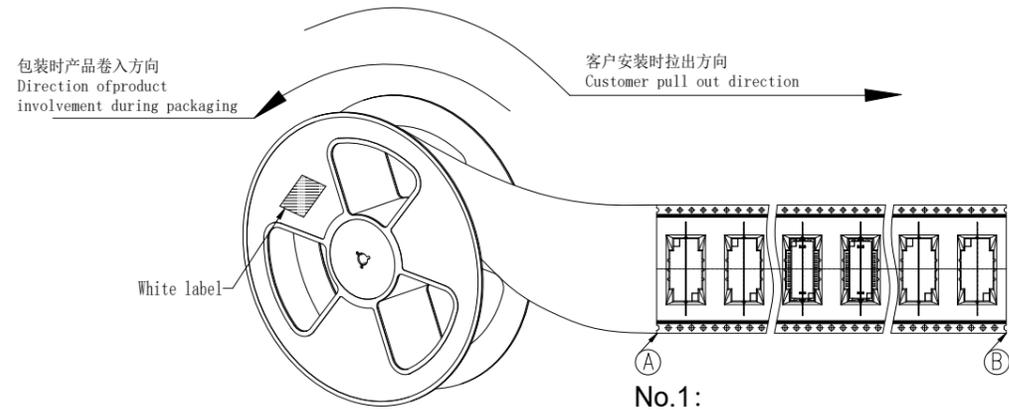
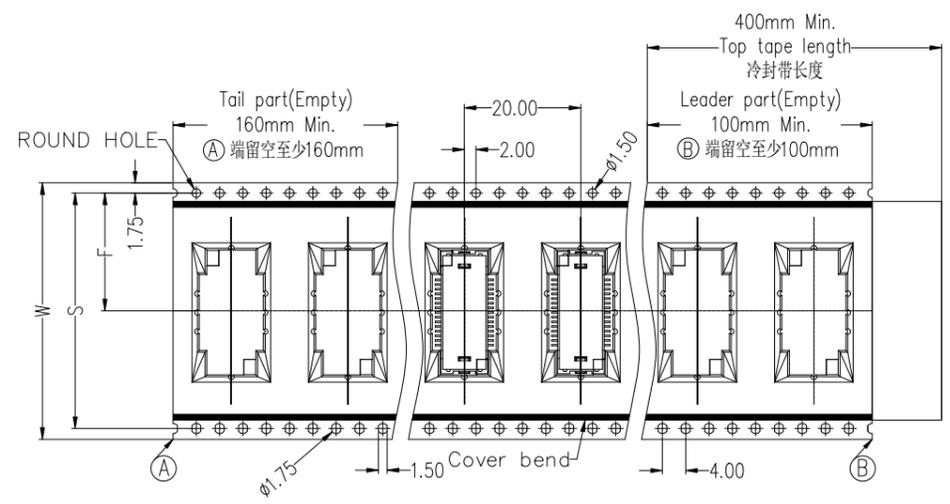
ALLOWABLE OFFSET DISTANCE IS 0.7MM MAX



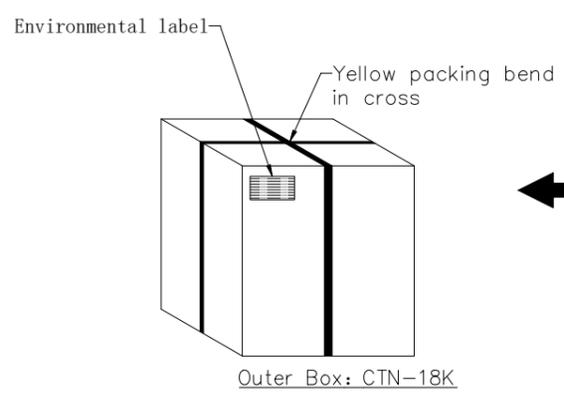
ALLOWABLE OFFSET DISTANCE IS 0.5MM MAX

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN SUJANLAL 26JUN2024			
		CHK SUJANLAL 26JUN2024			
		APVD SATHISH 26JUN2024	NAME 0.8MM BOARD TO BOARD CONN.SOCKET SMT TYPE H=8.45MM		
DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED:		SIZE A2	CAGE CODE 00779
		0 PLC ± 0.50	DRAWING NO C=2487882		RESTRICTED TO -
		1 PLC ± 0.30	WEIGHT 0		
		2 PLC ± 0.20	SCALE 1:1		SHEET 3 of 4
		3 PLC ± -	CUSTOMER DRAWING		REV A1
		4 PLC ± -			
MATERIAL -		ANGLES ± 1°			
		FINISH -			

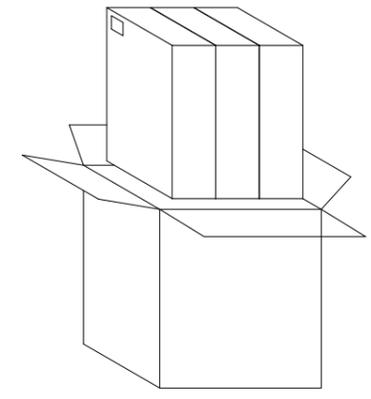
REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
-	-	SEE SHEET 1	-	-	-



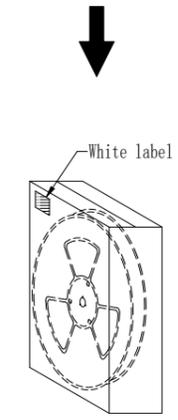
No.1:
 Before package, pay attention to leave more than 160mm(min) empty, after put the products into the carrier groove, packing with the cover bend then,
 Note: the tension between tape and cover bend is 30g~120g



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:
 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	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 TE Connectivity	
DIMENSIONS: mm		CHK SUJANLAL 26JUN2024		
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD SATHISH 26JUN2024	NAME 0.8MM BOARD TO BOARD CONN.SOCKET SMT TYPE H=8.45MM	
0 PLC ± 0.50		PRODUCT SPEC	SIZE A2	CAGE CODE 00779
1 PLC ± 0.30		APPLICATION SPEC	DRAWING NO C=2487882	RESTRICTED TO
2 PLC ± 0.20		—	WEIGHT 0	—
3 PLC ± —		—	CUSTOMER DRAWING	SCALE 1:1
4 PLC ± —		—	SHEET 4 of 4	REV A1
ANGLES ± 1°		—	—	
FINISH		—	—	