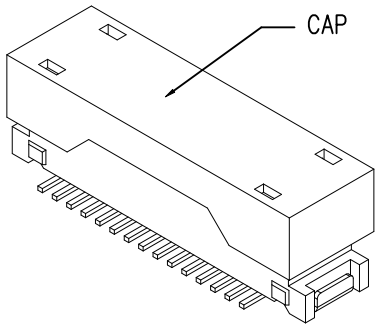


REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	A	INITIAL RELEASE	06DEC2024	MK	SSM



NOTES:

1. MATERIAL:

1, HOUSING

2, CAP

3, CONTACT & PEG

PLATING - PEG

PLATING - CONTACT

: THERMOPLASTIC UL-94-V-0 BLACK

: THERMOPLASTIC UL-94-V-0 NATURAL

- COPPER ALLOY

: 2.5µm MIN Sn OVER 1.25µm MIN Ni

: 0.075µm GOLD OVER Ni
2. ELECTRICAL

:

CONTACT RESISTANCE

CONTACT RATING

INSULATION RESISTANCE

DIELECTRIC VOLTAGE

-

-

-

-

100 mΩ MAX (INITIAL)

120 mΩ MAX (FINAL)

0.5Amp

500 MΩ

250V AC
3. ENVIRONMENTAL

:

OPERATION TEMPERATURE

SOLDERING PROCESS CAPABILITY

-

-

-40 +105°C

260°C
4. MECHANICAL LIFE

:

50 CYCLES

INSERTION FORCE

WITHDRAWAL FORCE

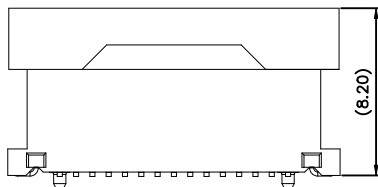
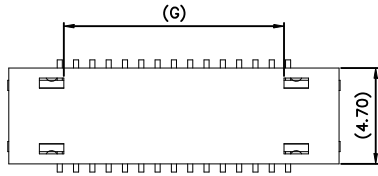
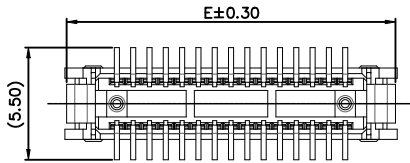
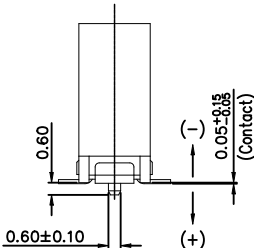
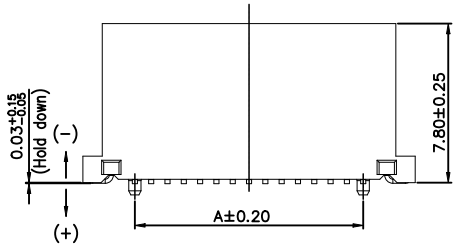
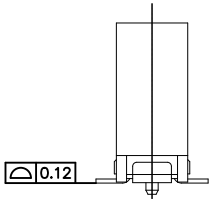
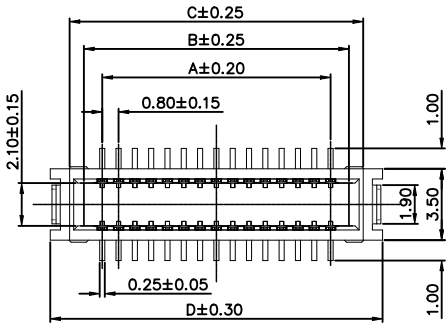
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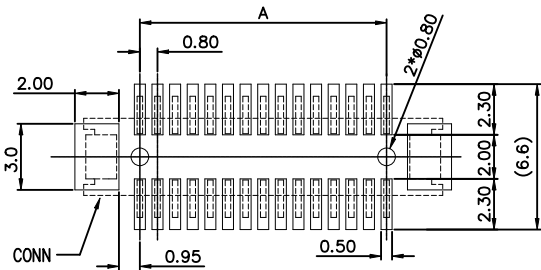
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2.45N/PIN MAX

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
2487881-3	30	11.2	13.0	14.4	16.3	16.16	11.2	10.8
2487881-4	40	15.2	17.0	18.4	20.3	20.16	15.2	14.8
2487881-5	50	19.2	21.0	22.4	24.3	24.16	19.2	18.8
2487881-6	60	23.2	25.0	26.4	28.3	28.16	23.2	22.8
2487881-7	70	27.2	29.0	30.4	32.3	32.16	27.2	26.8
2487881-8	80	31.2	33.0	34.4	36.3	36.16	31.2	30.8
1-2487881-0	100	39.2	41.0	42.4	44.3	44.16	39.2	38.8
1-2487881-2	120	47.2	49.0	50.4	52.3	52.16	47.2	46.8

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN	26JUN2024	TE Connectivity			
		CHK	26JUN2024				
		APVD	26JUN2024	NAME			
		PRODUCT SPEC		0.8MM BOARD TO BOARD CONN. PLUG SMT TYPE H=7.80MM			
		APPLICATION SPEC		-			
		WEIGHT		SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
		0		A2	00779	C-2487881	-
		CUSTOMER DRAWING		SCALE	1:1	SHEET	1 of 2
						REV	A

