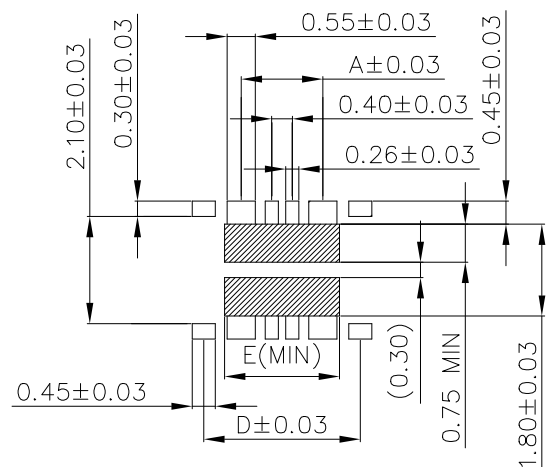
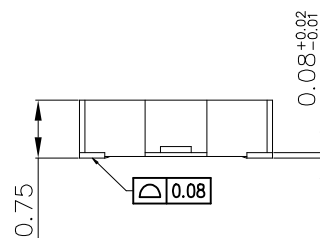
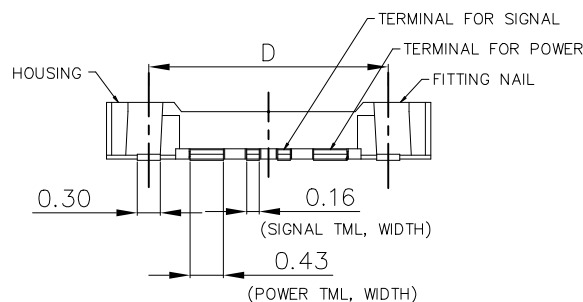
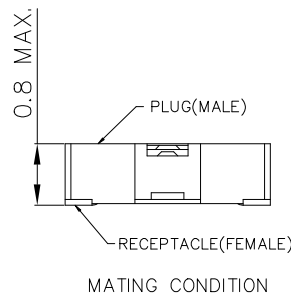




RECOMMENDED P.W.B.O.A.R.D. P.A.T.T.E.R.N. L.A.Y.O.U.T. (R.E.F.E.R.E.N.C.E.)
RECOMMENDED THICKNESS OF METAL MASK: $t=0.1\text{mm}$
RECOMMENDED OPEN APERTURE RATIO OF METAL MASK: 80%
PROHIBITED AREA OF PATTERN WIRING AND SOLDER.
(FOR EACH AREA THE WIRING CAN NOT BE AVAILABLE.
AND COVERED WITH A FILM KEEP SOLDER OUT)

- 1.VOLTAGE/CURRENT RATING: AC/DC 30V; 0.3A/PIN(SIGNAL); 3.0A/PIN(power);
- 2.WITHSTANDING VOLTAGE: 250V AC ONE MINUTE;
- 3.INSULATION RESISTANCE: 100MΩ MIN;
- 4.CONTACT RESISTANCE: SIGNAL PIN: INITIAL 80mΩ, FINAL:100mΩ;
POWER PIN: INITIAL 10mΩ, FINAL:20mΩ;
- 5.OPERATING TEMPERATURE RANGE: -45°C TO 85°C.

1.INSULATOR: LCP UL 94V-0 BLACK;
2.TERMINAL: COPPER ALLOY;
3.METAL FITTINGS: STAINLESS STEEL.

1.TERMINAL: CONTACT AREA: SEE PLATING OPTION; SOLDER AREA: SEE PLATING OPTION;

2.METAL FITTINGS: TIN 100u" MIN. OVER NICKEL 50u"MIN.

1.TAIL AND FITTING COPLANARITY TO BE 0.08MM MAX;

10185386-0 X XX X 0 X LF

No. of Power Pins:
4=4Pin

No. of Signal Pins:-
04=4Pin
06=6Pin
08=8Pin
10=10Pin

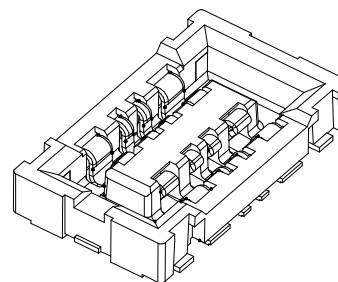
—LF:
LF=Lead free

- Packing:
R=Tape & Reel

- Plating Option:

A=Contact Area: Gold Flash
Solder Area: Gold Flash

B=Contact Area: 0.1um Min Au
Solder Area: Gold Flash



SIGNAL PIN No.	DIM "A"	DIM "B"	DIM "C"	DIM "D"	DIM "E"
4 PIN	1.6	0.8	4.2	3.06	2.25
6 PIN	2.0	1.0	4.6	3.46	2.65
8 PIN	2.4	1.2	5.0	3.86	3.05
10 PIN	2.8	1.4	5.4	4.26	3.45

mat'l. code				surface ☒ ISO 1302 ☒ tolerance ISO 406 ISO 1101 				product family COMBOSTAK			
litr ecn no dr date				tolerances unless otherwise specified				title			
A ELX-W-281081-1 SF 2026/03/02				angles ☐ linear ☐ $.0\pm.25$				 RECEPTACLE 0.4MM BTB			
B ELX-W-283001-1 SF 2026/03/20				$.00\pm.20$							
				$0\pm.2'$				scale 1:1			
				dr Sanford Lu		2026/03/02		dwg no sheet 1 of 1 size 10185386 A3 type Product Customer Drawing			
				engr Sanford Lu		2026/03/02					
				chr L-Q Lei		2026/03/02					
				appd Tim Yao		2026/03/02					
sheet index		revision sheet		B 1							