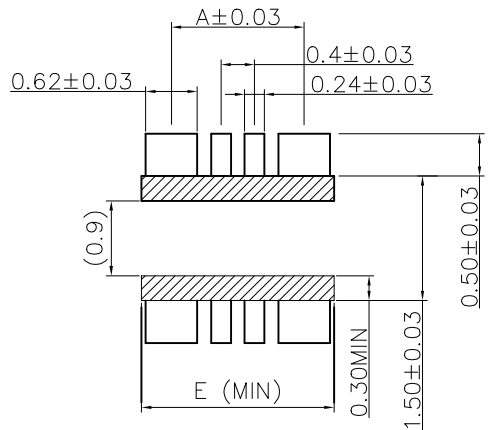
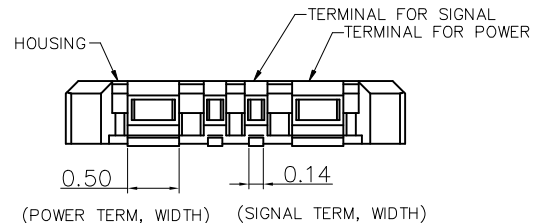
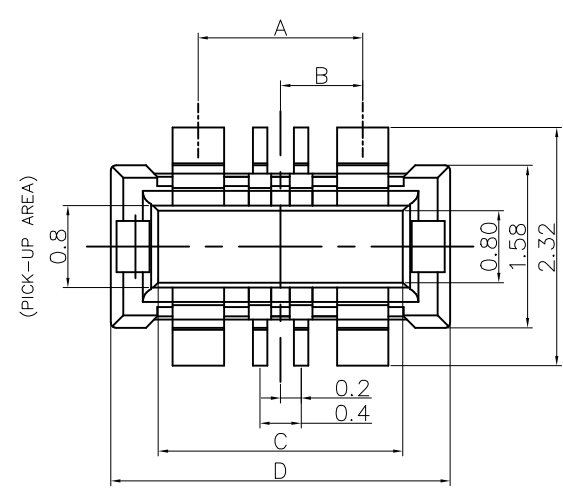
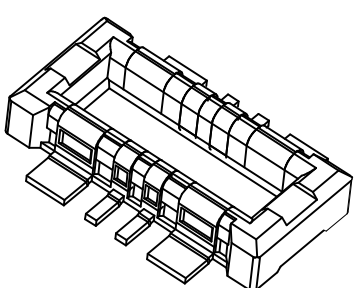
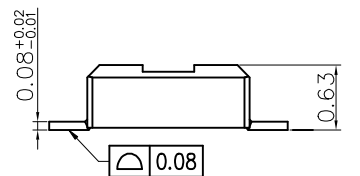
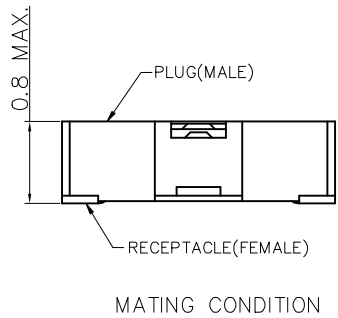




RECOMMENDED P.W.BOARD PATTERN LAYOUT (REFERENCE)
RECOMMENED THICKNESS OF METAL MASK: t=0.1mm
RECOMMENED OPEN APERTURE RATIO OF METAL MASK: 80%

PROHIBITED AREA OF PATTERN WIRING AND SOLDER.
(FOR EACH AREA THE WIRING CAN NOT BE AVAILABLE.
AND COVERED WITH A FILM KEEP SOLDER OUT)



SPECIFICATIONS:
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.

MATERIAL:
1.INSULATOR: LCP UL 94V-0 BLACK;
2.TERMINAL: COPPER ALLOY;

PLATING:
1.TERMINAL: CONTACT AREA: SEE PLATING OPTION; SOLDER AREA: SEE PLATING OPTION;
NICKEL 50u" MIN. OVER ALL;

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

10185385-0 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=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	2.52	3.3	2.32
6 PIN	2.0	1.0	2.92	3.7	2.72
8 PIN	2.4	1.2	3.32	4.1	3.12
10 PIN	2.8	1.4	3.72	4.5	3.52

mat'l. code				surface ☒ ISO 1302		tolerance ☒ ISO 406	projection ☒ ISO 1101	product family			
ltr	ecn no	dr	date	tolerances unless otherwise specified				COMBOSTAK			
A	ELX-N-281001-1	SF	2026/03/02	angles	linear	.0±.25	mm	title			
B	ELX-N-283001-1	SF	2026/03/20			.00±.20		HEADER			
						.000±.10		0.4MM BTB			
				dr	Sanford Lu	2026/03/02	Amphenol FCI	dwg no		sheet 1 of 1	size
				engr	Sanford Lu	2026/03/02		10185385			A3
				chr	L-Q Lei	2026/03/02		type Product Customer Drawing			
				appd	Tim Yao	2026/03/02					
sheet index	revision	B									
	sheet	1									