

NOTE:

1.MATERIAL SPECIFICATION:

1.HOUSING:HIGH TEMPERATURE RESISTANT PLASTIC,UL94 V-0 BLACK.

2.TERMINAL: COPPER ALLOY

3.MID PLATE: STAINLESS STEEL

4.FRONT SHELL: STAINLESS STEEL

2.PLATING SPECIFICATION:

2-1.TERMINAL:

Ni 50u" MIN. UNDER PLATED OVER ALL.

THE FUNCTIONAL AREA OF CONTACT:REFER THE PART NUMBER

0.8u" MIN GOLD PLATING OF THE SOLDER AREA

2-2.FRONT SHELL:

Ni 30u" MIN. UNDER PLATED OVER ALL.

2-3.MID PLATE

CLEAR ONLY

3.MECHANICAL PERFORMANCE,

3-1.INSERTION FORCE: 0.5~2.0kgf.

3-2.REMOVAL FORCE: 0.8kgf~2.0kgf.

3-3.DURABILITY: 10000 CYCLES.

4.ELECTRICAL PERFORMANCE,

4-1. VOLTAGE RATING:5 V DC/AC (RMS. max)

CURRENT RATING: 3A

1.5AMPS MIN FOR VBUS PIN,

0.25 AMPS. FOR ALL OTHER CONTACT.

4-2. LLCR:

VBUS & GND PINS AND OTHER PINS: 40mΩ/PIN MAX.

SHIELD: 50mΩ/MAX.

LLCR MAX. CHANGE OF ALL PINS: 10mΩ.

4-3.INSULATION RESISTANCE: 100MΩ MIN

4-4.DIELECTRIC WITHSTAND VOLTAGE,AC 100V FOR 1 MINUTE.

5. ENVIRONMENTAL PERFORMANCE:

OPERATING TEMPERATURE: -25°C~+85°C.

6.IR REFLOW:

THE PEAK TEMPERATURE ON THE BOARD SHALL

BE MAINTAINED FOR 10 SECONDS AT 260°C.

7. PRODUCT PART NUMBER DESCRIPTION:

10173568 - 0 0 0 X X LF



LEAD FREE

PACKING TYPE:

1: TAPE AND REEL

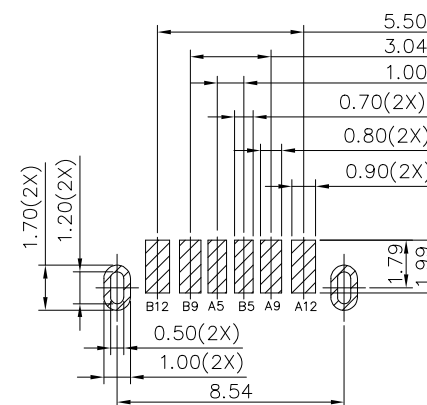
CONTACT AREA PLATING

1: 0.8u" MIN GOLD

mat'l. code				surface		tolerance		projection		product family											
				ISO 1302 ✓		ISO 406 ISO 1101				USB											
ltr	ecn no	dr	date	tolerances unless otherwise specified						title											
A	-	TY	2024/02/28	angles		linear		.X±.35		 mm		USB TYPE C VERTICAL									
								.XX±.25				6PIN SMT TYPE									
				0°±2°				.XXX±.15		scale 1:1											
				dr	Tian-Yu Tang		2022/08/15		Amphenol FCI		dwg no				sheet 1 of 2				size		
				engr	Tian-Yu Tang		2022/08/15				10173568				A3						
				chr	L-Q Lei		2022/08/15														
				appd	Tim Yao		2022/08/15														
sheet index		revision sheet																			



A5	CC1	B12	GND
A9	VBUS	B9	VBUS
A12	GND	B5	CC2
PIN	SIGNAL NAME	PIN	SIGNAL NAME



RECOMMENDED PCB LAYOUT(TOP VIEW)
THICKNESS 1.00±0.10MM;DEFAULT TOLERANCE:±0.05

[illegible]