



NOTE:
 1.MATERIAL SPECIFICATION:
 1.HOUSING:HIGH TEMPERATURE RESISTANT PLASTIC,UL94 V-0.
 2.CONTACTS:COPPER ALLOY
 3.MID PLATE: STAINLESS STEEL
 4.FRONT SHELL: STAINLESS STEEL
 5.EMI PLATE: STAINLESS STEEL
 2.PLATING SPECIFICATION:
 2-1.CONTACTS:
 GOLD PLATING ALL OVER 40U" NICKEL AND 80U" TIN ALL OVER 40U" NICKEL ON SOLDER AREA.
 2-2.FRONT SHELL:
 40U" NICKEL ALL OVER.
 2-3.MID PLATE&EMI 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. CURRENT RATING:5.0A
 VOLTAGE RATING:5.0V
 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.

10159872-00 X X X LF

- PACKAGING
- 1. TAPE AND REEL
- CONTACT PLATING
- 1. GOLD FLASH
- 2. 30u" Au
- 3. 15u" Au
- TERMINAL LENGTH (DIM.A)
- 0. 1.60MM
- 1. 1.20MM

RECOMMENDED P.C.B. LAYOUT (T:1.00mm)
 TOLERANCE UNSPECIFIED ±0.05mm

A1	GND	B12	GND	mat'l. code	surface	tolerance	projection	product family
A2	SSTXP1	B11	SSRXP1		ISO 1302	ISO 406	ISO 1101	HPL 577
A3	SSTXN1	B10	SSRXN1	ltr	tolerances unless otherwise specified		mm	title
A4	VBUS	B9	VBUS	A	-	YY	2022/03/10	USB TYPE C 24PIN
A5	CC1	B8	SBU2		angles	linear		RIGHT ANGLE HYBRID TYPE
A6	DP1	B7	DN2		0°±5'		scale 1:1	dwg no
A7	DN1	B6	DP2		dr	Y-Y Bao	2022/03/10	sheet 1 of 1
A8	SBU1	B5	CC2		enrg	Y-Y Bao	2022/03/10	size
A9	VBUS	B4	VBUS		chr	L-Q Lei	2022/03/10	10159872
A10	SSRXN2	B3	SSTXN2		appd	Tim Yao	2022/03/10	A3
A11	SSRXP2	B2	SSTXP2					type
A12	GND	B1	GND	sheet	revision			Product Customer Drawing
PIN	SIGNAL NAME	PIN	SIGNAL NAME	index	sheet			

Amphenol FCI
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