



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

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 RIGHT ANGLE HYBRID TYPE
A5	CC1	B8	SBU2		angles	linear	.0±.38	dwg no
A6	DP1	B7	DN2		0'±5'		.00±.25	sheet 1 of 1
A7	DN1	B6	DP2				.000±.15	size
A8	SBU1	B5	CC2		dr	Y-Y Bao	2022/03/10	10159872
A9	VBUS	B4	VBUS		enrg	Y-Y Bao	2022/03/10	A3
A10	SSRXN2	B3	SSTXN2		chr	L-Q Lei	2022/03/10	type
A11	SSRXP2	B2	SSTXP2		appd	Tim Yao	2022/03/10	Product Customer Drawing
A12	GND	B1	GND	sheet	revision			
PIN	SIGNAL NAME	PIN	SIGNAL NAME	index	sheet			

Amphenol FCI
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