

NOTE:

- MATERIAL SPECIFICATION:
 - HOUSING: HIGH TEMPERATURE PLASTIC, UL94 V-0, BLACK.
 - TERMINAL: COPPER ALLOY
 - MID PLATE: STAINLESS STEEL
 - FRONT SHELL: STAINLESS STEEL
- PLATING SPECIFICATION:
 - TERMINAL:
Ni 50u" MIN. UNDER PLATED OVER ALL.
THE FUNCTIONAL AREA OF CONTACT: REFER THE PART NUMBER.
Au 1u" PLATING SPECIFICATIONS OF THE SOLDER AREA
 - FRONT SHELL:
Ni 50u" PLATING
 - MID PLATE:
CLEAR ONLY
- MECHANICAL PERFORMANCE,
 - INSERTION FORCE: 0.5kgf~2.0kgf.
 - REMOVAL FORCE: 0.8kgf~2.0kgf.
 - DURABILITY: 10000 CYCLES.
- ELECTRICAL PERFORMANCE,
 - VOLTAGE RATING: 5 V DC/AC (RMS. max)
CURRENT RATING: 5 AMPS. FOR TOTAL VBUS/GND PINS;
1.25AMPS FOR CC PIN, 0.25 AMPS. FOR ALL OTHER CONTACT.
 - LLCR:
VBUS & GND PINS AND OTHER PINS: 40mΩ/PIN MAX.
LLCR MAX. CHANGE OF ALL PINS: 10mΩ.
 - INSULATION RESISTANCE: 100MΩ MIN.
 - DIELECTRIC WITHSTAND VOLTAGE, AC 100V FOR 1 MINUTE.
- ENVIRONMENTAL PERFORMANCE:
OPERATING TEMPERATURE: -25° C~+85° C.
- IR REFLOW:
THE PEAK TEMPERATURE ON THE BOARD SHALL
BE MAINTAINED FOR 10 SECONDS AT 260° C.
- PRODUCT PART NUMBER DESCRIPTION:
10174570 - 0 0 X X X L F

STYLE:
A, B, C, (REFER THE TABLE)

STYLE	DIM "A"	DIM "B"	DIM "C"
A	0.82	0.85	0.80
B	1.02	0.85	1.00
C	1.62	0.70	1.60

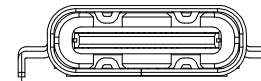
LEAD FREE

PACKING TYPE:

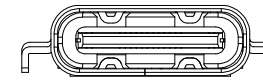
1: TAPE/REEL

CONTACT AREA PLATING

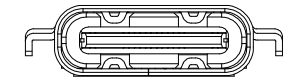
1: 3u" GOLD



STYLE A



STYLE B



STYLE C

mat'l. code				surface ISO 1302 ✓		tolerance ISO 406 ISO 1101		projection 		product family USB									
ltr	ecn no		dr	date	tolerances unless otherwise specified						title								
A	-		TY	2024/02/28	angles		linear	.X±.35				USB TYPE C 16P SINK SMT TYPE							
								.XX±.25											
					0°±2'			.XXX±.15		scale 1:1									
					dr	Tian-Yu Tang		2023/10/26		Amphenol FCi	dwg no								
					engr	Tian-Yu Tang		2023/10/26			10174570						A3		
					chr	L-Q Lei		2023/10/26											
					appd	Tim Yao		2023/10/26			type Product Customer Drawing								
sheet index		revision sheet																	

