

NOTE:

1. MATERIAL SPECIFICATION:
 1. HOUSING: HIGH TEMPERATURE RESISTANT PLASTIC (LCP), UL94 V-0.
 2. CONTACTS: COPPER ALLOY (C1814) T=0.12mm
 3. MID PLATE: STAINLESS STEEL (SUS301) T=0.15mm
 4. SHELL: STAINLESS STEEL (SUS304) T=0.30mm
2. PLATING SPECIFICATION:
 - 2-1. CONTACTS:
 - Ni 50u" MIN. UNDER PLATED OVER ALL.
 - Au PLATED ON THE FUNCTIONAL AREA OF CONTACT.
 - (GOLD PLATING THICKNESS FOLLOW THE P/N)
 - PLATING SPECIFICATIONS OF THE SOLDER AREA FOLLOW THE P/N
 - 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. EXTRACTION 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.

RoHS Compliant

TOLERANCES ARE

MORETHANALL
PCB CONNECTORS
Cable ASSEMBLIES

DRAWING BY CY

CHECKED BY GENIUS

UNIT / mm

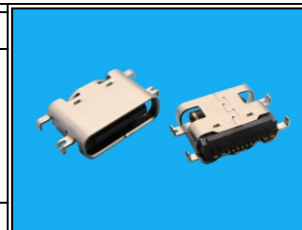
SCALE 1:1

DATE

SIZE A4

X, ±
.X ± 0.30
.XX ± 0.20
.XXX ± 0.10
ANG ± 5°

P PROJECTION



ORDER INFORMATION

USB-SWF16MMA1A1-24C16-LF
SERIES | LEADFREE
24P C TYPE 16WAY
METAL FOOT 11.24+11.24mm
OFFSET 1.56mm
90°SMT
FEMALE

DESCRIPTION: TYPE C 母座 16P 沉板 1.60

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