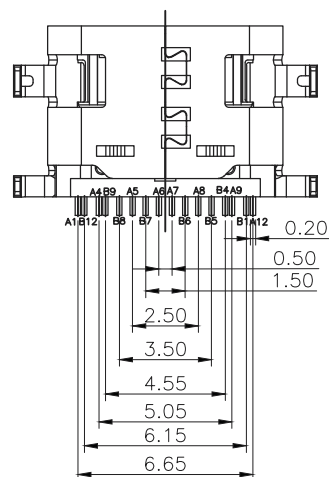
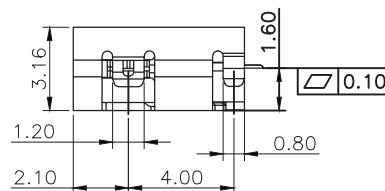
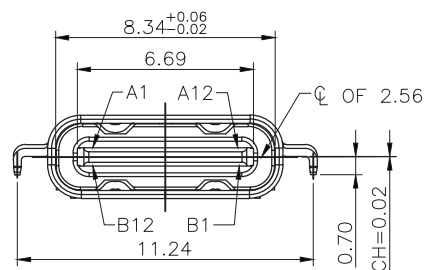
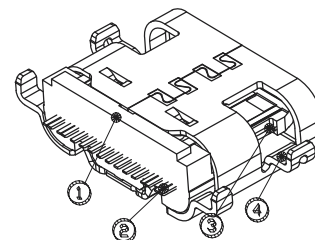
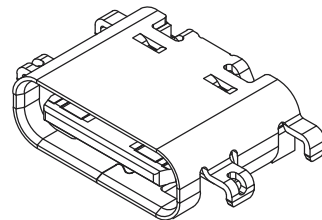
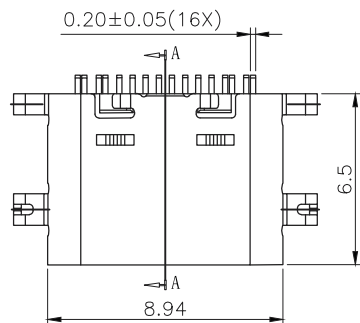


NOTE:

- 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

煜倫股份有限公司

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DRAWING BY CY

CHECKED BY GENIUS

UNIT / mm

SCALE 1 : 1

DATE

SIZE A4

PPOJECTION

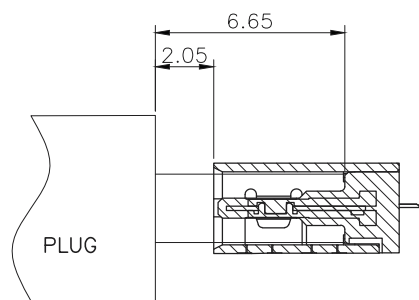
X, ±
.X ± 0.30
.XX ± 0.20
.XXX ± 0.10
ANG ± 5°

照片框

ORDER INFORMATION

USB-SWF16MMA1A1R-24C16-LF
SERIES | LEADFREE
24P C TYPE 16WAY
FEMALE | OFFSET 1.56mm
90°SMT
REEL
METAL FOOT 11.24+11.24mm

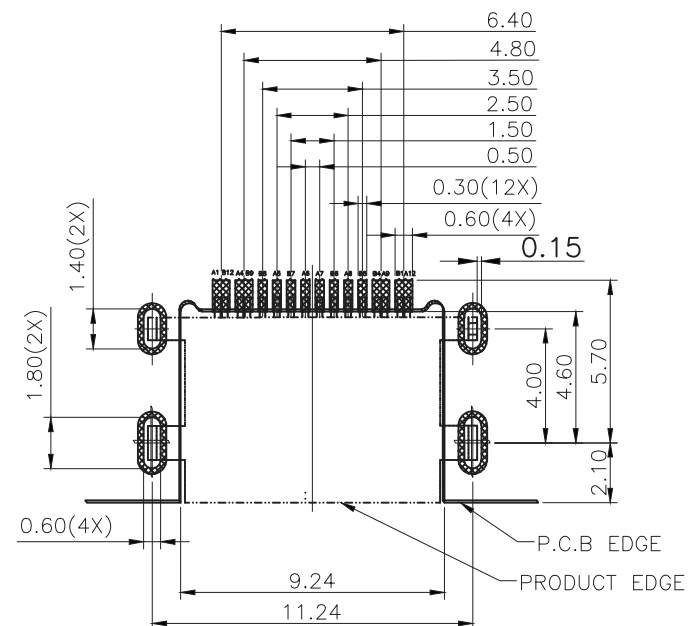
DESCRIPTION: TYPE C 母座 16P 沉板1.60



AFTER MATING

USB TYPE-C PIN ASSIGNMENTS

PIN NUMBER	SIGNAL NAME	PIN NUMBER	SIGNAL NAME
A1	GND	B12	GND
A4	VBUS	B9	VBUS
A5	CC1	B8	SBU2
A6	Dp1	B7	Dn2
A7	Dn1	B6	Dp2
A8	SBU1	B5	CC2
A9	VBUS	B4	VBUS
A12	GND	B1	GND



RECOMMENDED PCB LAYOUT(TOP VIEW)
THICKNESS 0.80MM;DEFAULT TOLERANCE:±0.05

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DRAWING BY CY

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UNIT / mm

SCALE 1 : 1

DATE

SIZE A4

TOLERANCES ARE

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

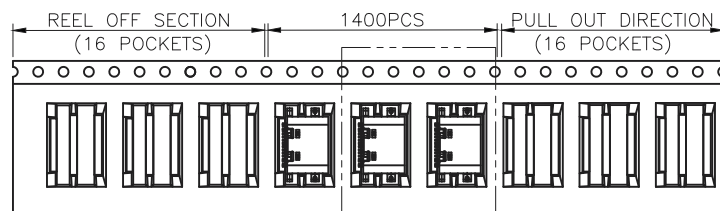
PPOJECTION

照片框

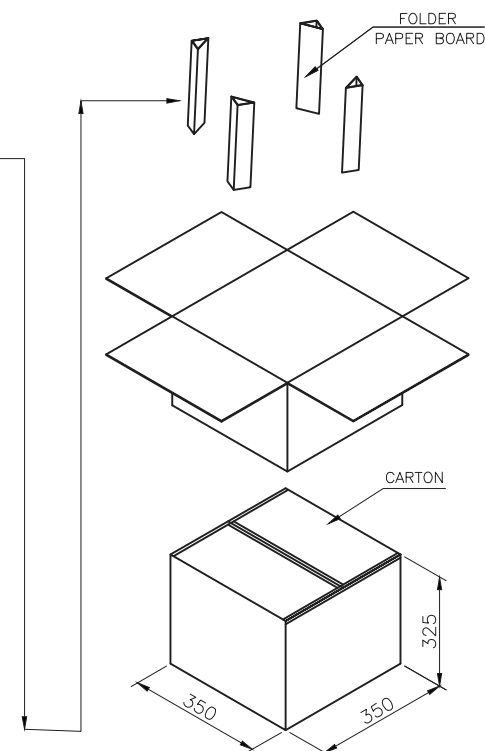
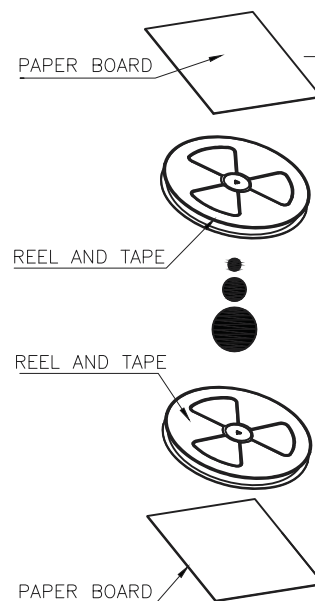
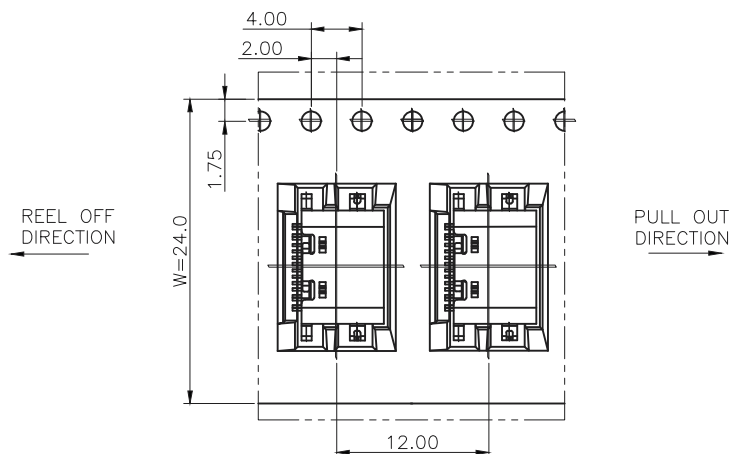
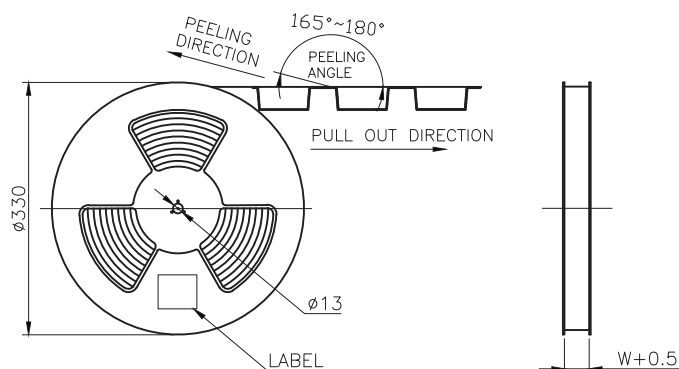
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USB-SWF16MMA1A1R-24C16-LF
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FEMALE
LEADFREE
24P C TYPE 16WAY
REEL
METAL FOOT 11.24+11.24mm
OFFSET 1.56mm
90°SMT

DESCRIPTION: TYPE C 母座 16P 沉板1.60



SEE DETAIL X



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DRAWING BY CY

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UNIT / mm

SCALE 1 : 1

DATE

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TOLERANCES ARE

X, ±
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