



NOTE:
 1.MATERIAL SPECIFICATION:
 1-1.HOUSING:HIGH TEMPERATURE RESISTANT PLASTIC(LCP), UL94 V-0. COLOR:BLACK.
 1-2.CONTACTS:COPPER ALLOY(C18150)T=0.12mm
 1-3.MID PLATE: STAINLESS STEEL(SUS301)T=0.15mm
 1-4.SHELL: STAINLESS STEEL(SUS304)T=0.30mm
 2.PLATING SPECIFICATION:
 2-1.CONTACTS:
 NI 50μ MIN. UNDER PLATED OVER ALL.
 Au PLATED ON THE MATING AREA OF CONTACT.
 (GOLD PLATING THICKNESS FOLLOW THE P/N)
 GOLD FLASH PLATED ON THE SOLDER AREA.
 2-2.SHELL:
 NI 30μ 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.
 0.6kgf~2.0kgf. AFTER DURABILITY TEST.
 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: 40ms/PIN MAX.
 SHIELD: 50ms/MAX.
 LLCR MAX. CHANGE OF ALL PINS: 10ms.
 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.

PIN NUMBER	SIGNAL NAME	PIN NUMBER	SIGNAL NAME
A1	GND	B12	GND
A2	SSTXp1	B11	SSRXp1
A3	SSTXn1	B10	SSRXn1
A4	Vbus	B9	Vbus
A5	CC1	B8	SBU2
A6	Dp1	B7	Dn2
A7	Dn1	B6	Dp2
A8	SBU1	B5	CC2
A9	Vbus	B4	Vbus
A10	SSRXn2	B3	SSTXn2
A11	SSRXp2	B2	SSTXp2
A12	GND	B1	GND

Item	Title	Material	Dispose	Remark
1	Shell	Stainless Steel	Ni30μ Min.	
2	EMI Plate	Stainless Steel	Clear Only	
3	Mid Plate	Stainless Steel	Clear Only	
4	Top Contact	Copper Alloy	Mating Area: See P/N	
5	Bottom Contact	Copper Alloy	Solder Tails: GF	
6	Insulator	High Temperature Plastic	UL 94V-0	Black

U263-24XN-4BQC65

01:AU 1U"Min
 03:AU 3U"Min
 05:AU 5U"Min
 10:AU 10U"Min
 15:AU 15U"Min
 30: AU 30U"Min

1:PBT
 2:PA6T
 3:PA9T
 4:LCP

W:WHITE
 B:BLACK

RECOMMENDED PCB LAYOUT(TOP VIEW)
 THICKNESS 0.8±0.10MM;DEFAULT TOLERANCE:±0.05

SECTION A-A
 SCALE 1:1

FEMALE AND MALE MATCHING DRAWING

MARK	DESCRIPTION	REVISIONS	DATE	REVISED	APPROVED	UNSPECIFIED TOLERANCES	DSND	DATE	SCALE: N/A	MODEL TYPE: 3.1 TYPE C
ΔX						ANGLAR ±5°	DWN	DATE	VIEW:	PART NO.:
ΔX						L ≤ 4 ±0.2	CHKD	DATE	UNIT: mm/in	DWG NO.:
ΔX						4 < L ≤ 16 ±0.3	APPD	DATE	SIZE: A4	U263-24XN-4BQC65
ΔX						16 < L ≤ 63 ±0.4				WEIGHT
ΔX						L > 63 ±0.5				SHEET
										REVISION
										A0