

REVISIONS					
REV.	ECN NO.	LOCATION	DESCRIPTION	DATE	DESIGN
A0	N/A		INITIAL RELEASE	/	/
A1	N/A		图面升级整理图面	2024.11.18	阿树

Material

Housing Material: High temperature thermoplastic

Contact Terminal: High Grade Copper Alloy

Metallic Shell: Stainless Steel

Inner Ground Cover Shell: Stainless Steel

Mid Plate: Stainless Steel

Plating

Data Contact

Underplating: 50μ" Min. Nickel

Contact Plating: 1μ" Gold

Solder Area: 80μ" Matte Tin

Shell

Metallic Shell: 50μ" Min. Nickel

Cover Shell

Metallic Shell: 80μ" Min. Nickel

Inner Ground Cover Shell

Metallic Shell: 50μ" Min. Nickel

Electrical

Voltage Rating: 20V DC

Current Rating: Vbus pins collectively 5.00A, GND

pins collectively 6.25A, B5 pin 1.25A, Other pins

0.25A per pin.

Contact Resistance: 40mΩ Max.

Insulation resistance: 100 MΩ MIN.

Dielectric withstanding voltage: 100V AC/Minute

Mechanical

Durability: 10,000 cycles

Mating Force: 5 to 20N

Unmating Force: 8 to 20N (post test)

U262-24XN-4BVC16

1:AU 1U"
2:AU 3U"
5:AU 15U"
6:AU 30U"

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
PIN	SIGNAL NAME	PIN	SIGNAL NAME

AuGLAR	±5°
X.	±0.40
X.x	±0.30
X.xx	±0.20
X.xxx	±0.15
UNSPECIFIED TOLERANCES	



DESIGN	阿树	VIEW:		MODEL TYPE: USB TYPE C SMT-24PIN PLUG
CHECKED		UNIT:	mm/in	PART NO.: U262-24XN-4BVC16
APPROVED		SIZE:	A4	DWG NO.:

SCALE	PAGE	REVISION
N/A	1/1	A1