



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

TABLE:

ITEM	PART NAME	Q'TY	Material&Plating
1	SUB-SHELL	1	SUS304 t=0.15, Ni PLATED 30u"
2	MAIN-SHELL	1	SUS316L t=0.20 CLEANING
3	LATCH	1	SUS301 t=0.15, Ni PLATED 30u"
4	HOUSING	1	PA9T+30%GF, HF BLACK
5	CONTACT	24	C7025 t=0.12, Ni 50-150u" UNDER PLATED OVER.30u"Au PLATED ON THE CONTACT AREA, 3-8u"Au PLATED ON THE SOLDER TAILS.
6	LIM	1	CHN-LIMS-60A/B; Pull force 300g
7	COVER SHELL	1	SUS304 t=0.30 CLEANING

TOLERANCE UNLESS OTHERWISE SPECIFIED

X.±0.35	X.±5°
X.X±0.25	X.X±3°
X.XX±0.20	X.XX±2°

PRJ.

DIMENSION STYLE
MM ONLY

DESIGN UNITY
METRIC

MAJOR
▼=15

SCALE
1:1

CXUN 东莞市超讯电子有限公司
transcend communication

DRAWN BY 望盛 DATE 2024/01/06 TITLE USB TYPE C 防水母座 24PIN 双排脚 SMT型 LIM注塑防水圈 带固定片

CHECKED BY 望盛 DATE 2024/01/06 PART NO. SNF15U023R-W SHEET NO. 1 OF 1

APPROVED BY 袁俊林 DATE 2024/01/06 MOLD NO. DWG-USB CM-034 C REV. A0

NOIES:

- ELECTRICAL CHARACTERISTICS:
 - CONTACT CURRENT RATING: 5.0A FOR VBUS PIN AND ITS CORRESPONDING GND PIN.
 - CONTACT RESISTANCE: 30 MILLIOHMS MAX FOR VBUS AND GND CONTACTS. 40 MILLIOHMS MAX FOR ALL OTHER CONTACTS.
 - DIELECTRIC WITHSTANDING VOLTAGE:100 VRMS AC MIN.
 - INSULATION RESISTANCE:100 MEGOHMS MIN.
- MECHANICAL CHARACTERISTICS:
 - CONNECTOR INSERTION FORCE:5~20N. AT A MAXIMUM RATE OF 12.5MM PER MINUTE.
 - CONNECTOR EXTRACTION FORCE: 8~20N AT A MAXIMUM RATE OF 12.5MM PER MINUTE. 6~20N AFTER DURABILITY TEST.
 - DURABILITY:10000 CYCLES.
 - OPERATING TEMPERATURE: -55°C TO +85°C
- SALT SPRAY:48HOURS.
- DIMENSIONS ARE IN MILLIMETERS, BRACKETED DIMENSIONS ARE INCHES EQUIVALENTS.
- RECOMMENED PROCESS: IR REFLOW 260°C, 3~5SECONDS.
- THE CONNECTOR IS ROHS COMPLIANT AND HALOGEN FREE COMPLIAN.