

HF
compliant

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F
E
D
C
B
A

1 2 3 4 5 6 7 8 9 10

Top View Dimensions:
Overall Width: 8.94±0.10
Overall Height: 9.30
Pin Pitch: 0.25±0.05
Shell Width: 7.50
Shell Thickness: 1.00
Bottom Flange Thickness: 1.15

Front View Dimensions:
Overall Width: 6.69^{+0.045}/_{-0.055}
Overall Height: 2.56±0.04
Pin Pitch: 1.20

Side View Dimensions:
Overall Length: 9.80
Shell Thickness: 3.16
Pin Insertion Depth: 4.30
Bottom Flange Thickness: 0.30±0.05
Pin Spacing: 2.15

Perspective View:

RECOMMENDED P.C.B LAYOUT

Dimensions:
Overall Width: 10.00
Overall Height: 4.50
Pin Pitch: 2-1.00
Pin Diameter: Ø0.66
Pin Spacing: 1.35, 6.15, 6.50, 7.50
Pin Insertion Depth: 24-0.30
Pin Spacing: 24-0.85
Pin Spacing: 0.58
Pin Spacing: 1.00
Pin Spacing: 4-Ø0.70±0.05

SPECIFICATION

MATERIAL AND FINISH:

- INSULATOR: HIGH TEMPERATURE PLASTIC UL 94 V-0, BLACK
- CONTACT: COPPER ALLOY
PLATING: AU PLATING ALL OVER 50u" MIN NI AND 80u"MIN SN ALL OVER 50u"
MIN NI ON SOLDER AREA
- SHELL: STAINLESS STEEL
PLATING: 50u" MIN. NI ALL OVER

ELECTRICAL CHARACTERISTIC:

- CONTACT RESISTANCE: 40mΩ MAX FOR INITIAL 30mΩ CHANGE AFTER TEST
MEASURE AT 20mV, 100mA
- CONTACT CURRENT RATING: 5A FOR VBUS PIN 1.25A FOR VCONN PIN
- DIELECTRIC WITHSTANDING VOLTAGE: 100V AC R.M.S.
- INSULATION RESISTANCE 100MΩ MIN

MECHANICAL CHARACTERISTIC:

- MATING FORCE: 5~20 N
- UNMATED FORCE: 8~20N AFTER TEST
- DURABILITY: 10000 CYCLES

ENVIRONMENT:

- OPERATING TEMPERATURE RANGE: -40°C TO +85°C

PACKING STYLE:

- TAPE REEL+CAP

ITEM	NEW P/N	OLD P/N	CONTACT PLATING	NOTE
1	53313040010	317DH24BDTF7N03C	30u" AU/ MATTE SN	W/ CAP, W/ DATE CODE

UNLESS OTHERWISE SPECIFIED TOLERANCE

ANG. ±3°
0 ±0.50
.0 ±0.38
.00 ±0.25

SCALE: 1:1

UNIT: mm

DRAWN: BENSON_ZHENG
CHECKED: PEARL_HUNG
APPROVED: PEARL_HUNG

TITLE: USB TYPE C RECEPTACLE VERTICAL TYPE (INSERTION DISTANCE 5.00mm)
PART NO. 5331304XXXX
CODE: A10
CUSTOMER:

CHANT SINCERE CO., LTD

ZONE	REVISION	DESCRIPTION	DATE
1	2	3	4
5	6	7	8
9	10		