

REV	ECN #	DESCRIPTION	DRAWING	APPROVED	DATE
A		NEW RELEASE	JIANG		2018/07/19

NOTES:

1.MATERIAL

1.1.HSG: HIGH TEMPERATURE THERMOPLASTIC UL94V-0 BLACK;

1.2.CONTACT: COPPER ALLOY

1.3.LATCH: STAINLESS STEEL

1.4.EMI SPRING: STAINLESS STEEL

1.5.SHELL: STEEL

2. FINISH:

2.1 CONTACT:

0.762um [30u"] MIN. Au PLATING ON CONTACT AREA.

2.54um [100u"] MIN. TIN PLATING ON SOLDERIAL AREA.

1.27um [50u"] MIN.NICKEL.UNDERPLATING ON ALLOWER AREA.

2.2 SHELL

NI PLATING OVERALL

2.3 LATCH:

2.54um [100u"] MIN. TIN PLATING ON SOLDERIAL AREA.

1.27um [50u"] MIN.NICKEL.UNDERPLATING ON ALLOWER AREA.

3.ELECTRICAL CHARACTERISTICS:

3.1 CONTACT RESISTANCE: 40mΩ MAX.(INITIAL)

3.2 INSULATION RESISTANCE: 100MΩ MIN.

3.3 DIELECTIC WITHSTANDING VOLTAGE: 100V AC FOR 1 MINUTE.

4.MECHANICAL CHARACTERISTICS:

4.1 INSERTION FORCE: 0.5~2.0KG(5N~20N).

4.2 WITHDRWL FORCE: 0.8~2.0KG(8N~20N)

4.3 DURABILITY:10000 CYCLES

5.ENVIRONMENTAL CHARACTERISTICS:

5.1 OPERATING TEMPERATURE: -30° TO +85°

5.2 STORAGE TEMPERATURE: -40° TO +85°

PRODUCT NO.

PATC01-16 C X XX XX-XX

① ② ③④⑤ ⑥ ⑦

① PRODUCT SERIES:

PATC01 : USB TYPE_C PLUG WITH PCB

② PIN NO. :

16: 16PIN

③ HOUSING MATERIAL:

C : LCP

④ COLOR:

B:BLACK

W:WHITE

⑤ FINISHING:

15: Au30U", Sn100U"

16: Au5U", Sn100U"

05: Au1U", Sn100U"

⑥ SERIES NO. :

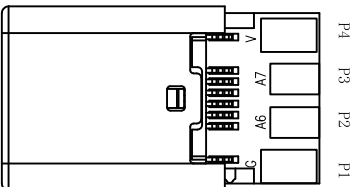
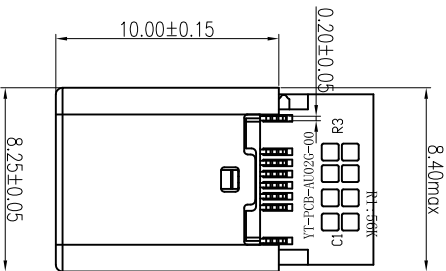
00:WITHOUT SPRING

03:WITH SPRING

⑦ PCB TYPE:

01: TYPE C 2.0 Rp 56K

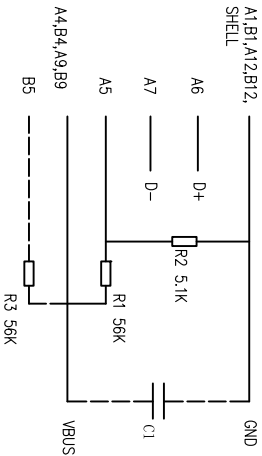
02: TYPE C 2.0 Rd 5.1K



CONTACT FIGURE:

CONN PIN	PCB PIN
A1,A12,B1,B12,SHELL	P1
A6	P2
A7	P3
A4;A9,B4,B9	P4

电路图:



CUSTOMER DRAWING

GENERAL TOLERANCE

X ±0.20

.XX ±0.15

.XXX ±0.10

ANGEL TOLERANCE

X ±3°

.XX ±2°

.XXX ±1°

YTCOM

Dongguan YTCOM Electronics Technology Co., Ltd.

DRAWING

JIANG

APPROVED

USB TYPE C PLUG 16Pin ASSY WITH PCB FOR 2.0 DATA

DATE

2018. 07. 20

P/N: SEE TABLE

DRAWING NO. C-PATC01-0B

UNIT

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SCALE

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SIZE

A4

SHEET

1 of 1

REV

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DATE

2018. 07. 20

UNIT

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