

Note:

1.Material:

1.1 Housing:High temperature thermoplastic UL94V-0

1.2 ContactA(B):copper alloy

1.3 Shell: SUS

1.4 Middle plate: SUS

2.ELECTRICAL:

2-1:CURRENT RATING:

VBUS AND GND CONTACTS RATED AT 3A Max

VBUS AND GND CONTACTS RATED AT 0.5A Min

0.9Amps Max.for all other contact.

PARALLELED FOR A TOTAL OF 5A;

2-2:INITIAL CONTACT RESISTANCE :40 MEGOHMS MAX

2-3:DIELECTRIC WITHSTANDING VOLTAGE:100V AC MIN;

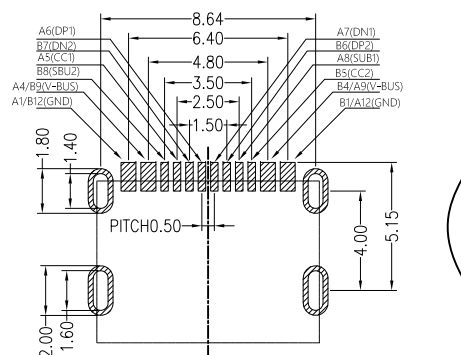
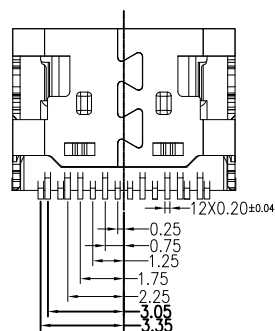
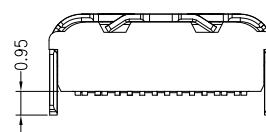
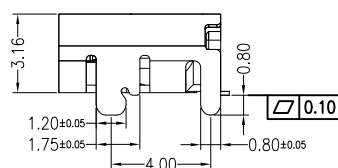
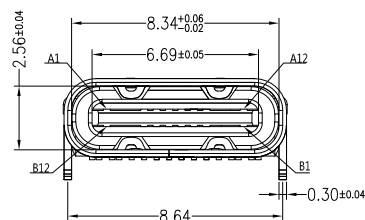
3:MECHANICAL CHARACTERISTICS:

3-1:MATING FORCE:5~20N

3-2:UNMATING FORCE:8~20N(INITIAL),6~20N(AFTER 10000 CYCLES)

3-3:FREQUENCY: 200±50 CYCLES/HOUR,10000 CYCLES

3-4:OPERATING TEMPERATURE;-40°~80°.

3-5:IR REFLOW:THE PEAK TEMPERATURE ON THE BOARD
SHALL BE MAINTAINED FOR 10 SECONDS AT 260 °C.

RECOMMENDED P.C.B. LAYOUT (PCB T=0.8mm)
TOLERANCE UNSPECIFIED ±0.03mm
PCB LAYOUT 图仅供参考

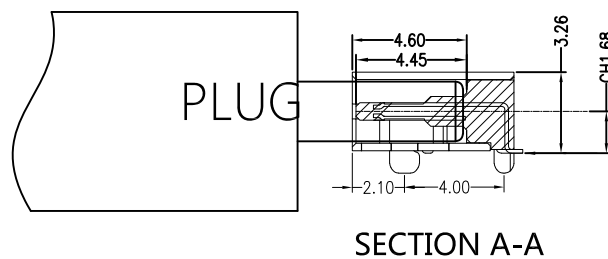


TABLE B
Type c Pin Assignments

A1	GND	B12	GND
A4	VBUS	B9	VBUS
A5	CC1	B8	SBU2
A6	DP1	B7	DN2
A7	DN1	B6	DP2
A8	SBU1	B5	CC2
A9	VBUS	B4	VBUS
A12	GND	B1	GND
PIN	SIGNAL NAME	PIN	SIGNAL NAME

GENERAL
TOLERANCE

.x ±0.15
.xx ±0.10
.xxx ±0.05
Ang. ±1°



瑞澤電子股份有限公司
Horustech Electronics Co., Ltd

PART NO. HTCC470012

TITLE.

Type.C 16PIN L=6.5MM CONN. RECTACLE

PROJECT

APPROVAL

CHECK

DRAWN

DATA

DATE

OLD REV

NEW REV

ECN

DESCRIPTION

CHECK

APPROVAL

Kim.Huang

Jova

Yu wei

2020/05/27

UNIT
MMSCALE
1:1NUMBER
A-00REV
A