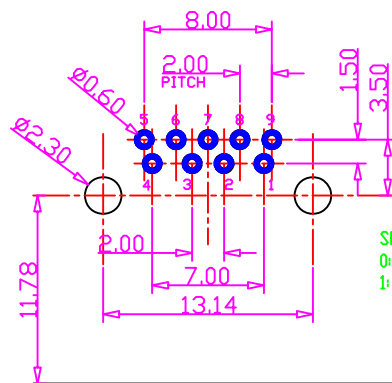
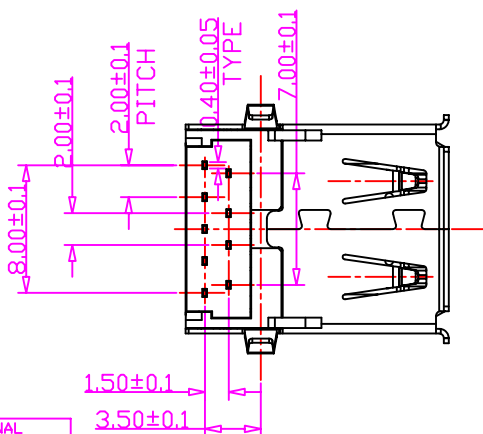
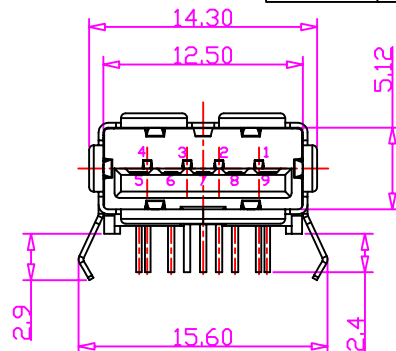
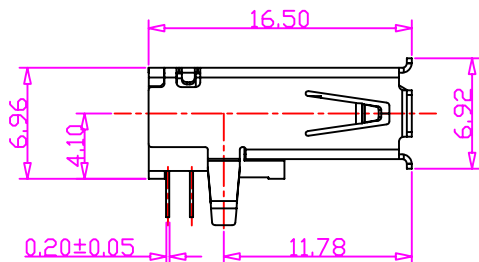


RoHS Compliant



RECOMMENDED PCBA LAYOUT

NOTE:

1. MATERIAL:

- 1.1 INSULATOR: PA9T UL 94V-0
- 1.2 CONTACT: BRASS (T=0.25mm)
- 1.3 SHELL: SPCC OR BRASS (T=0.30mm)

2. ELECTRICAL CHARACTERISTICS:

- 2.1 CONTACT RESISTANCE: 30mΩ MAXIMUM
- 2.2 CONTACT CURRENT RATING: 1.5A
- 2.3 DIELECTRIC WITHSTANDING VOLTAGE: 500 V R.M.S.
- 2.4 INSULATION RESISTANCE 1000 MEGOHMS MIN
- 2.5 OPERATING TEMPERATURE: -40° C ~ 85° C

3. MECHANICAL CHARACTERISTICS:

- 3.1 MATING FORCE: 3.57kg MAX
- 3.2 UNMATED FORCE: 1.02kg MIN
- 3.3 DURABILITY: MANDATORY: 5,000 CYCLES

4. PLATING

- 4.1 TERMINAL: GOLD FLASH ALL OVER 50u" MIN NICKEL AND 1u" MIN Tin ALL OVER 50u" MIN NICKEL ON SOLDER AREA
- 4.2 SHELL: 150u" MIN. NICKEL OVER 20" MIN COPPER

5. PART NO

BSC - * 9 * 6 - * 9 *

PACKAGING CODE

- 1: TRAY PACKAGING
- 2: TAPE REEL PACKAGING
- 3: PE BAG PACKAGING
- 4: TUBE PACKAGING

RoHS Compliant & Lead Free

TERMINAL CONTACT PLATING CODE:

- 1: GOLD FLASH
- 2: 3u" GOLD
- 3: 5u" GOLD
- 4: 10 u" GOLD
- 5: 15u" GOLD
- 6: 30u" GOLD

SHELL & PLATING CODE
0: COPPER, NICKEL PLATING
1: SPCC, NICKEL PLATING

RESIN & COLOR CODE
0: PA9T, BLUE COLOR
1: PA9T, BLACK COLOR
2: PA9T, RED COLOR

Pin NUMBER	SIGNAL NAME
1	VBUS
2	D-
3	D+
4	GND
5	StdA_SSRX-
6	StdA_SSRX+
7	GND_DRAIN
8	StdA_SSTX-
9	StdA_SSTX+
Shell	Shield

TOLERANCE UNSPECIFIED

1 ± 0.10	2 ± 0.10
3 ± 0.10	4 ± 0.10
5 ± 0.10	6 ± 0.10
7 ± 0.10	8 ± 0.10

DRAWN: Andy 09/02/25

DESIGNER:

CHECKED:

APPROVED:



BossConn



SCALE

NON

UNIT

mm

NAME
USB 3.0 A Female, R/A,
DIP (Reversed Type)

SHEET

1/1

DRAWING NO.

BSC-*9*6-*9*

REV

A