



RECOMMENDED PCB LAYOUT

NOTES:

1. INSULATOR: COP. COLOR-BLACK
2. USB CONTACT: BRASS, 0.15mm THICKNESS, GOLD PLATED ON CONTACT AREA, GOLD FLASH OR 50 U" TIN PLATED ON SOLDER TAIL, 80 U" MIN. NICKEL UNDER PLATED OVERALL.
3. SHELL: STAINLESS STEEL, 0.3 THICKNESS, 40U" NICKEL PLATED ON THE SOLDERING TAB.
4. ELECTRICAL CHARACTERISTICS:
 - 4.1 CONTACT RESISTANCE: 30mΩ MAXIMUM
 - 4.2 CONTACT CURRENT RATING: 1.5 AMPERES
 - 4.3 DIELECTRIC WITHSTANDING VOLTAGE: 100 V R.M.S.
 - 4.4 INSULATION RESISTANCE 100 MΩ MIN
 - 4.5 OPERATING TEMPERATURE: -40°C ~ 85°C
5. MECHANICAL CHARACTERISTICS:
 - 5.1 MATING FORCE: 35N MAX
 - 5.2 UNMATING FORCE: 10N MIN (INITIAL) 8N MIN (10000 CYCLES AFTER)
 - 5.3 DURABILITY: 100,000 CYCLES MIN

Pin Assignments	Signal Name
Shell	Shield
10	McB_SSRX+
9	McB_SSRX-
8	GND_DRAIN
7	McB_SSTX+
6	McB_SSTX-
5	GND
4	ID
3	D+
2	D-
1	VBUS
PIN NO.	SIGNAL NAME

CSCONN

UNITS: mm
GENERAL TOLERANCE

X.° ±5°	0.X ±0.25
X.1 ±2°	0.XX ±0.2
XX ±1°	0.XXX ±0.1

PART NO. (INTENDED USE)
CMU065104002

APPD:

CHKD: Skilla

DR: Kitty

CSCONN PRECISE ELECTRONICS CO., LTD
TITLE: MICRO USB 3.0 FEMALE DIP

DWG NO. MICRO USB

SCALE	SHEET	REV
1:1	1 OF 1	A