



RECOMMENDED P.C.B. LAYOUT
TOLERANCE UNSPECIFIED $\pm 0.05\text{mm}$

NOTES:

1.MATERIAL:

MOLDING: LCP UL94 V-0
CONTACT: COPPER ALLOY.
GOLD PLATED Min ON CONTACT AREA, 100 μ "
Min TIN (LEAD FREE) ON SOLDER AREA,
SHELL: COPPER ALLOY C2680, T=0.30 \pm 0.03mm
50 μ " NICKEL PLATING OVER ALL.

2.MECHANICAL:

INSERTION: 5~20N.
EXTRACTION: 8~20N AFTER TEST.
DURABILITY: 10000 CYCLES

3.ELECTRICAL:

CURRENT: 3A FOR VBUS;
1.25A FOR GND PIN.
0.25A FOR OTHER.
VOLTAGE: 20 V MAX
WITHSTANDING VOLTAGE: 100V AC R.M.S.
CONTACT RESISTANCE: 40m Ω MAX.
INSULATION RESISTANCE: 100M Ω MIN.

4.ENVIRONMENTAL

TEMPERATURE RANGE -25 $^{\circ}$ C ~ +85 $^{\circ}$ C

B12	GND
B9	VBUS
B5	CC2
A5	CC1
A9	VBUS
A12	GND
PIN	SIGNAL NAME

.X: ± 0.35	.X': $\pm 1.5'$	NAME: 宋红	Type-C母座6PIN立插10.0	
.XX: ± 0.25	.XX': $\pm 1.0'$		PART NO.:	
.XXX: ± 0.20	.XXX': $\pm 0.5'$	DATE: 2019-04-24	DWG. NO.:	
SEE NOTES			SCALE: 1:1	PAGE: 1/1
			UNIT: mm	REV.: A0