

NOTES:

1. MATERIAL:
  - 1.1 HOUSING: PBT+30%GF UL94V-0 BLUE
  - 1.2 CONTACT: PHOSPHOR BRONZE OR BRASS
  - 1.3 SHELL: SPCC
2. FINISH:
  - 2.1 CONTACT:
    - AU PLATED ON CONTACT AREA
    - TIN PLATED ON SOLDER AREA
    - NICKEL UNDERPLATING OVER ALL
  - 2.2 SHELL :
    - NICKEL PLATED
3. SPECIFICATIONS:
  - 3.1 CONTACT CURRENT RATING:
    - 1.8 AMPERES FOR PIN1&PIN4
    - 0.25 AMPERES OTHER CONTACTS
  - 3.2 DIELECTRIC WITHSTANDING VOLTAGE: AC 100V(RMS)
  - 3.3 INSULATION RESISTANCE: 100MEG OHMS MIN.
  - 3.4 CONTACT RESISTANCE: 30mΩ MAX. FOR PIN1&PIN4  
50mΩ MAX FOR OTHER CONTACTS.
  - 3.5 MECHANICAL CHARACTERISTICS:
    - MATING FORCE: 35 NEWTOMS. MAX.
    - UNMATING FORCE: 10 NEWTOMS. MIN.
    - 8N NEWTOMS. AFTER DURABILITY.
  - 3.6 OPERATING TEMPERATURE: -55° TO +85°.

Pin Number	Signal Name	Pin Number	Signal Name
1	VBUS	5	SSRX-
2	D-	6	SSRX+
3	D+	7	GND
4	GND	8	SSTX
Shell	Shield	9	SSTX+

ITEM	PART NAME	Material	Q'TY	REMARK
1	Contact	COPPER ALLOY	5	T=0.25 Plating Gld/Tin
	Contact	COPPER ALLOY	4	T=0.25 Plating Gld/Tin
	Housing	PBT	1	Black &Blue UL94V-0
	COVER	PBT	1	Black &Blue UL94V-0
2	FRONT Shell	SPCC	1	T=0.3 Plating NI
3	BLACK Shell	SPCC	1	T=0.3 Plating NI

RoHS Compliant

TOLERANCES ARE

**MORETHANALL**  
PCB CONNECTORS  
Cable ASSEMBLIES

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DRAWING BY CY

CHECKED BY GENIUS

UNIT/ mm SCALE 1:1

DATE

SIZE A4

X. ± 0.30

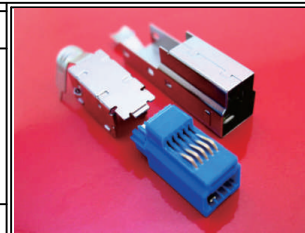
.X ± 0.25

.XX ± 0.20

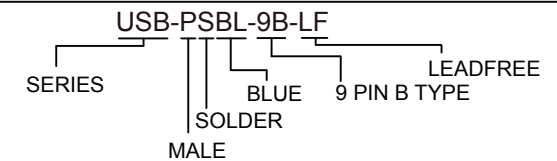
.XXX ± 0.15

ANG ± 5°

P PROJECTION



ORDER INFORMATION



DESCRIPTION: USB3.0 B/M SOLDER OD:φ6.0