



REV	EC#	DESCRIPTION	DATE	APPROVED
A		新版发行	2020.04.24	

- NOTES:
- MATERIAL SPECIFICATION:
 - 1-1.HOUSING:High-Temp Plastics,UL94V-0,Color:Black.
 - 1-2.CONTACTS:Copper Alloy T=0.25mm.
 - 1-3.OUTER SHELL:Stainless Steel,T=0.30mm.
 - 1-4.INNER SHELL:Stainless Steel,T=0.20mm.
 - 1-5.MID-PLATE:Stainless Steel,T=0.20mm.
 - 1-6.SOLDER-PLATE:Stainless Steel,T=0.10mm.
 - PLATING SPECIFICATION:
 - 2-1.CONTACTS:
 - Ni UNDERPLATED OVER ALL;
 - Gold Plated On Contact Area;
 - Gold Flash Plated On Solder Area.
 - 2-2.SHELL:
 - Ni UNDERPLATED OVER ALL;
 - RoHS AND HF COMPLIANT.
 - MECHANICAL PERFORMANCE:
 - 4-1.MATING FORCE:6~20N(Initial);5~20N(After)
 - 4-2.UNMATING FORCE:8~20N(Initial);6~20N(After)
 - 4-3.DURABILITY:10000 CYCLES.
 - ELECTRICAL PERFORMANCE:
 - 5-1.CURRENT RATING:3.0A;VOLTAGE RATING:5.0V
 - 5-2.LLCC:
 - VBUS & GND PINS:40mA/PIN MAX.;
 - OTHERS PINS:40mA/PIN MAX.;
 - LLCC MAX. CHANGE OF ALL PINS:10mA.
 - 5-3.INSULATION RESISTANCE:100MΩ MIN.
 - 5-4.DIELECTRIC WITHSTANDING VOLTAGE:
 - 100V AC FOR 1 MINUTE.
 - ENVIRONMENTAL PERFORMANCE:
 - OPERATING TEMPERATURE:-20℃~+85℃.
 - RECOMMENDED PROCESS:
 - THE PEAK TEMPERATURE ON THE BOARD SHALL MAINTAIN 10±1 SECONDS AT 260±5℃.

Pin Assignments

Contact Number	Signal Name	Contact Number	Signal Name
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

东莞市溪榜电子有限公司
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TOLERANCES UNLESS OTHERWISE SPECIFIED	APPROVED	DATE	TITLE
GENERAL X ±0.38			Customer Drawing for
X ±0.25	CHECKED	DATE	USB Type-C 母 16pin 沉板1.58
X ±0.15			防水型IP66/IP68,成品
X ±0.05	DESIGN	DATE	SERIES
X ±0.02	Steven.Xie	2020.04.24	
ANGLES X' ±3.0			SIZE A4
X' ±2.0			REV A
XX ±1.0			DWG NO.