



Materials and Finish

Housing: High Temp Thermoplastic
 UL 94V-0 Rated, Black Color
 Shield: Stainless Steel, Nickel Plated
 Contact Material:
 Copper Alloy
 Contact plating:
 Gold Flash on Contact Area
 All over Nickel Underplate

Electrical Characteristics

Rated Current:
 5.0A Inclusive (1.25A Ea.) For Pins
 A4, A9, B4, and B9 (VBUS)
 1.25A For pin B5 (VCONN)
 6.25A Inclusive For Pins
 A1, A12, B1, and B12 (GND)
 0.25A For All Other Pins
 Rated Voltage: 30V
 Insulation Resistance:
 100 Megohms Min. at 250V DC
 Contact Resistance:
 30 milliohms Max.
 Dielectric Withstanding Voltage:
 100V AC RMS for 1 Minute

Mechanical Characteristics

Insertion Force: 2kgf MAX.
 Withdrawal Force: .8kgf MIN.
 Durability: 10000 Mating Cycles Min.
 Operating Temperature:
 -40°C to +85°C

Recommended PCB Layout
 (Top View)

PRELIMINARY

PART IN DESIGN
 SPECIFICATION SUBJECT TO CHANGE

RoHS COMPLIANT

Tolerances
X.X ± 0.30
X.XX ± 0.20
Unless Stated Otherwise

REV.	DATE	DESCRIPTION	REV. BY	CHK. BY	DRAWN BY	DATE
A0	06/29/18	New Drawing	G. Serrato	D. Shehan		
A0.1	07/30/18	Updated Dimensions	G. Serrato	D. Shehan	G. Serrato	06/29/18
A0.2	07/30/18	Updated Dimensions	D. Shehan	N/A		
A1	08/22/18	Release Drawing	C. Kelleher	N/A		

KUSBX-SMT3-CS-BTR

USB Type C, Dual SMT Pins, Long TH Shield Tab

Gold Flash, Black, T/R, RoHS Compliant



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