

PCB LAYOUT(±0.05)

B12	B11	B10	B9	B8	B7	B6	B5	B4	B3	B2	B1
GND	RX1+	RX1-	Vbus	SBU2	D-	D+	CC2	Vbus	TX2-	TX2+	GND
GND	TX1+	TX1-	Vbus	CC1	D+	D-	SBU1	Vbus	RX2-	RX2+	GND
A1	A2	A3	A4	A5	A6	A7	A8	A9	A10	A11	A12

Materials and Finish

Housing: High Temp Thermoplastic
 UL 94V-0 Rated
 Shell: Stainless Steel, Nickel Plated
 Contact Material:
 Copper Alloy
 Contact plating:
 30u" Gold Plated on Contact Area,
 Matte Tin Plated on Solder Tails,
 All over Nickel Underplate

Electrical Characteristics

Rated Current:
 5.0 A
 Rated Voltage: 30V
 Insulation Resistance:
 100 Megohms Min. at 250V DC
 Contact Resistance:
 40 milliohms Max.
 Dielectric Withstanding Voltage:
 100V AC RMS for 1 Minute

Mechanical Characteristics

Insertion Force: 0.5 - 2.0 Kgf
 Withdrawal Force: 0.6 - 2.0 Kgf
 Durability: 10000 Mating Cycles Min.
 Operating Temperature:
 -55°C to +85°C

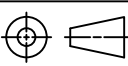
RoHS COMPLIANT

Tolerances
X.X ± 0.35
X.XX ± 0.25
Unless Stated Otherwise

REV.	DATE	DESCRIPTION	REV. BY	CHK. BY	DRAWN BY	DATE
A0	05/23/18	New Drawing	H. MA	D. Shehan	H. MA	05-23/18
A1	07/23/18	Release Drawing	D. Shehan	G.Serrato		
A2	11/05/18	Change N to Kgf	D. Shehan			

KUSBVX-SMT3-CS-B30TRC

USB TYPE C SOCKET, VERTICAL, SMT
 LONG SHIELD PIN, T/R, CAP



UNITS
mm