



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



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			
A3	07/17/20	ECO #20-020	G. Serrato	D. Shehan		
A4	05/11/21	Update Dims	C. Kelleher	N/A		

KUSBVX-SMT3-CS-B30TRC

USB Type C 3.2 GEN 2 Receptacle

Long Shield Pin, Vertical, SMT, T/R, CAP

