



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 | | | |
| | | | | | | |
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KUSBVX-SMT3-CS-B30TRC

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



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