

USB 3.1 Type C Connector **multicomp**^{PRO}

RoHS
Compliant



Note

Material Specification

Housing	: LCP, UL94 V-0.
Contacts	: Copper Alloy (C1814)
MID Plate	: Stainless Steel (SUS301)
Front Shell	: Stainless Steel SUS304)
EMI Plate	: Stainless Steel SUS304)

Plating Specification

Contacts	: Ni 50u" Min. Under Plated Over all Au Plated on the Functional Area of Contact. (Gold Plating Thickness Follow the P/N) Plating Specifications of the Solder Area Follow The P/N
Front Shell	: Ni 30u" Min. Under Plated Over All2-3 Mid Plate & EMI Plate Clear Only

Mechanical Performance

Insertion Force	: 0.5kgf to 2kgf.
Removal Force	: 0.8kgf to 2kgf.
Durability	: 10000 Cycles.

Electrical Performance

Current Rating	: 5A
Voltage Rating	: 5V
LLCR	: VBUS & GND Pins And Other Pins : 40mΩ/Pin Max.
Shield	: 50mΩ/Max.
LLCR Max. Change of All Pins	: 10mΩ
Insulation Resistance	: 100MΩ Min.
Dielectric Withstand Voltage:	100V AC For 1 Minute.

Environmental Performance

Operating Temperature	: -25°C to +85°C
IR Reflow	: The Peak Temperature on the Board Shall be Maintained For 10 Seconds at 260°C.

