USB 3.0 Reverse Receptacle for Gen 2



RoHS Compliant

Specification

Electrical Characteristics

Current Rating : 5A Voltage Rating : 20V

 $\begin{array}{lll} \text{LLCR VBUS GND Pins} & : 40 \text{m}\Omega/\text{Pin max} \\ \text{Other Pins} & : 40 \Omega/\text{Pin max} \\ \text{LLCR max. Change of all Pins} & : 10 \text{m}\Omega \\ \text{Insulation Resistance} & : 100 \text{m}\Omega \text{ Min.} \\ \end{array}$

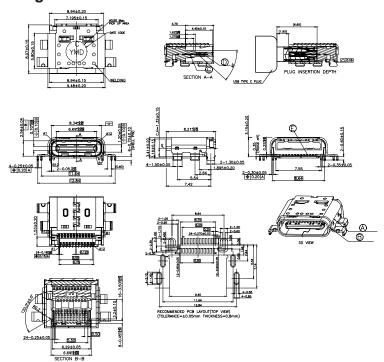
Mechanical Characteristics

Insertion Force : 0.5Kg to 2Kg

Withdrawal Force : 1.4Kg to 2 Kg (Initial), 0.8Kg to 2Kgq (After Life Test)

Durability : 10,000 Cycles.

Diagram



USB Type-C Pin Assignments

Pin	Signal Name	Pin	Signal Name
A1	GND	B1	GND
A2	SSTXp1	B2	SSTXp2
A3	SSTXn1	В3	SSTXn2
A4	VBUS	B4	VBUS
A5	CC1	B5	CC2
A6	Dp1	B6	Dp2
A7	Dn1	B7	Dn1
A8	SBU1	B8	SBU2
A9	VBUS	B9	VBUS
A10	SSTXn2	B10	SSRXn1
A11	SSTXp2	B11	SSRXp1
A12	GND	B12	GND

Dimensions : Millimetres

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No.	Description	Qty.	Material	Plating & Colour
Α	Outside Shell	1	SUS301	50u" Min. Nickel
В	Inner Shell	1	SUS301	50u" Min. Nickel
С	Housing	1	PA9T UL 94V-0	Black
D	Shell	1	SUS301	50u" Min. Nickel
Е	Terminal	24	C19400	See Part Number

Part Number Table

Description	Part Number
USB Type-C, Dual SMT Receptacle	MP015344

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