

USB Type-C Dual SMT Receptacle **multicomp**^{PRO}

RoHS Compliant

Specification

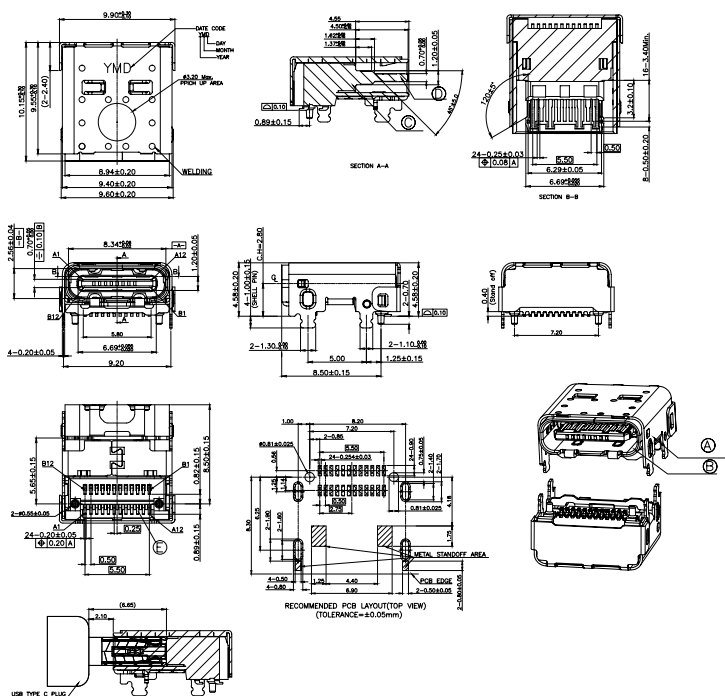
Electrical Characteristics

Current Rating	: 6.5A
Voltage Rating	: 20V
LLCR VBUS GND Pins	: 40mΩ/Pin max.
Other Pins	: 40Ω/Pin max.
LLCR max. Change of all Pins	: 10mΩ
Insulation Resistance	: 100mΩ Min.

Mechanical Characteristics

Insertion Force	: 0.5Kg to 2Kg
Withdrawal Force	: 1.4Kg to 2Kg (Initial), 0.8Kg to 2Kg (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	SSRXp1
A3	SSTXn1	B3	SSRXn1
A4	VBUS	B4	VBUS
A5	CC1	B5	SBU2
A6	Dp1	B6	Dn2
A7	Dn1	B7	Dp2
A8	SBU1	B8	CC2
A9	VBUS	B9	VBUS
A10	SSTXn2	B10	SSRXn2
A11	SSTXp2	B11	SSRXp2
A12	GND	B12	GND

Dimensions : Millimetres

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multicomp PRO

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No.	Description	Qty.	Material	Plating & Colour
A	Outside Shell	1	SUS301	50u" Min. Nickel
B	Inner Shell	1	SUS301	50u" Min. Nickel
C	Housing	1	PA9T UL 94V-0	Black
D	MID Plate	1	SUS301	
E	Terminal	24	C19400	See Part Number

Part Number Table

Description	Part Number
USB Type-C, Dual SMT Receptacle	MP015345

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