USB 4.0 Type-C Receptacle multicomp PRO

Specifications
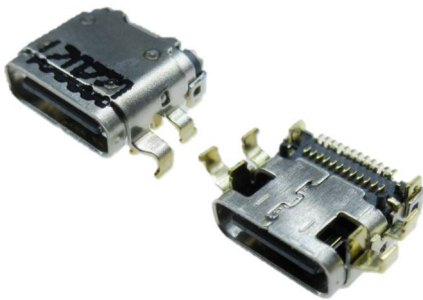
Material:

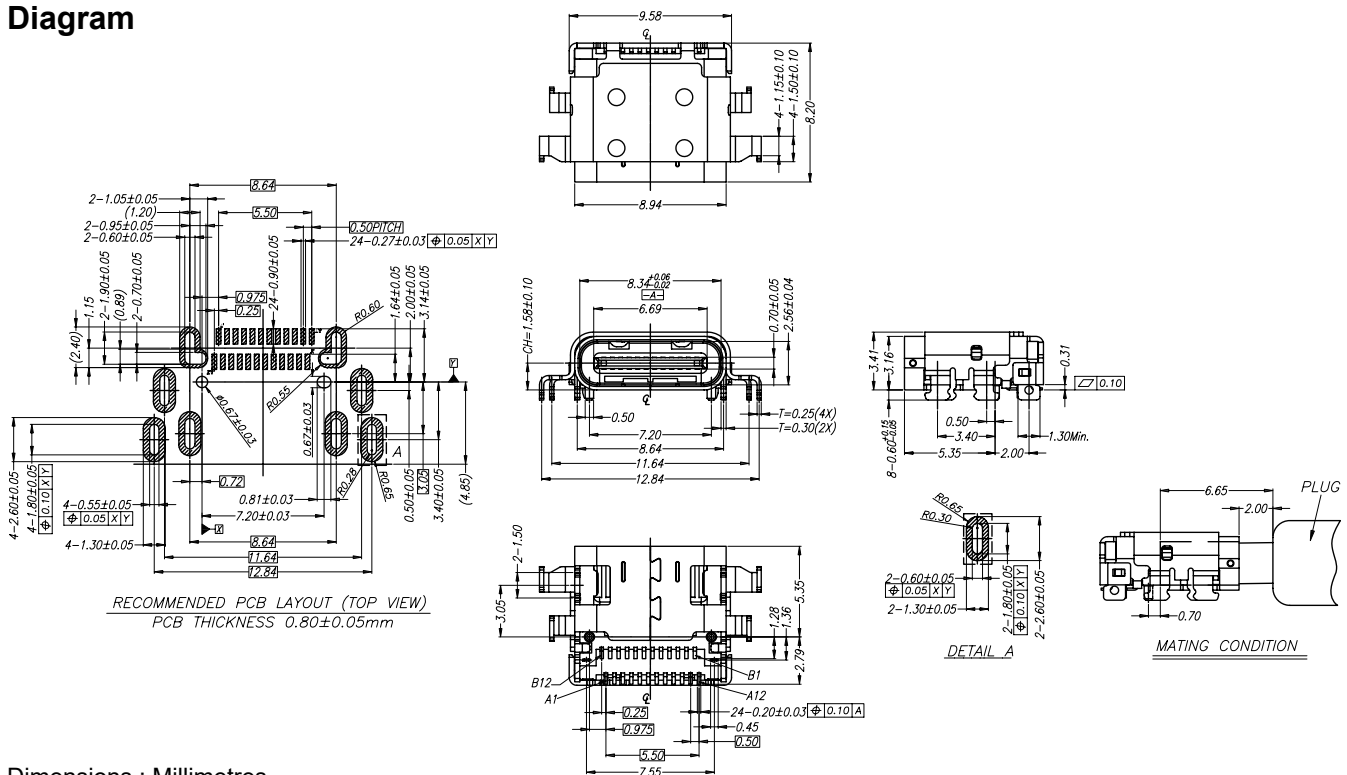|	
Insulator	: Hi-Temp Thermoplastic, rated UL 94V-0
Insulator colour	: Black
Contacts	: Copper Alloy
Shell	: Stainless Steel, Gold Flash on Solder Area
Mid Plate	: SUS301
Plating	: 30u" Gold over Nickel underplate on contact area
	Gold Flash over Nickel underplate on solder tails

Electrical:

Max voltage	: 5V
Current rating	: 3Amp

Mechanical:

Inseration	: 5 to 20N
Extration	: 8 to 20N
Mating cycles	: 10,000 insertions
Temperature Rating	: -55°C to +85°C

Diagram

RECOMMENDED PCB LAYOUT (TOP VIEW)
PCB THICKNESS 0.80±0.05mm

DETAIL A

MATING CONDITION

Dimensions : Millimetres

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Pin Assignments

Pin Number	Signal Name	Pin Number	Signal Name
A1	GND	B12	GND
A2	TX1+	B11	RX2+
A3	TX1-	B10	RX2-
A4	VBUS	B9	VBUS
A5	CC1	B8	RFU2
A6	D+	B7	D-
A7	D-	B6	D+
A8	RFU1	B5	CC2
A9	VBUS	B4	VBUS
A10	RX2-	B3	TX2-
A11	RX2+	B2	TX2+
A12	GND	B1	GND

Part Number Table

Description	Part Number
USB 4.0 Type-C Receptacle, R/A, 40Gbps, Black	MP011015

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