

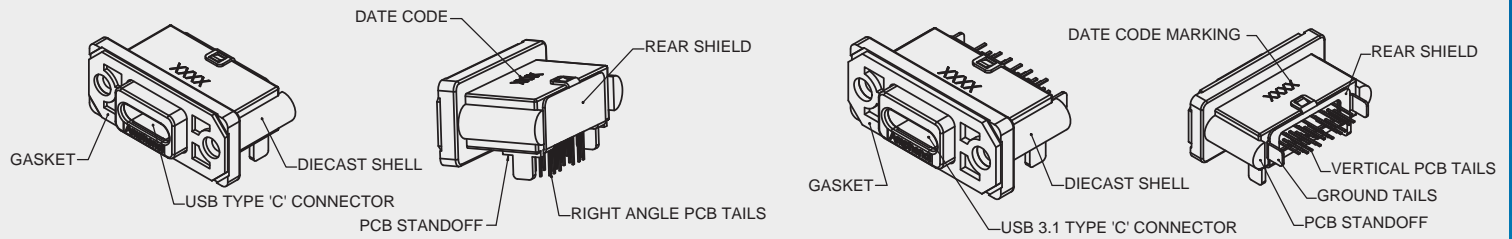
Features

- Allow for upside-up or upside down mating in a very small profile
- Superior seal beyond IP67 requirements
- Receptacles will engage with the plugs regardless of how the plug is inserted
- Provide a multi function, single cable solution for USB, Power and Audio Video
- Small enough for mobile phones and robust enough for laptops and tablets
- More robust construction



Markets

Amphenol's line of Rugged USB Type C connectors serve many markets and applications across the globe including Multimedia, Industrial and Consumer Products.



Photos Shown: MUSBR-M1C1-X0, MUSBR-M5C1-X0

Technical Specifications

Contacts:	Copper Alloy, 30 μ " (0.76 μ m) min Gold over 50 μ " (1.27 μ m) min Nickel on Mating Area with Matte Tin over Nickel on the Tail
Housing:	Engineering thermoplastic, UL94V-0 rated, black
Gasket:	Conductive silicone rubber, black
Shell:	Die Cast Zinc Alloy with Nickel Plating
Rear Cover	Stainless Steel, Matte Tin over Nickel Plating
Thermal Shock:	5 cycles @ -40° to +125° C
Physical Shock:	30g's ½ Sine for 11ms
Humidity:	EIA-364-31 Condition C, method III
Vibration:	EIA-364-28 Condition V, letter A
Salt Spray:	EIA-364-26 for 250 hrs
Current Rating:	1.25A max. per contact ($\Delta T \leq 30^{\circ}C$)
Contact Resistance:	40m Ω max.
Insulation Resistance:	100M Ω min
DMV:	100 VAC
Differential Impedance:	90 $\Omega \pm 15\Omega$

Recommended Soldering Process: Hand or wave solder peaked at 260° C for 8 seconds max

Recommended Torque for #4-40 or M3 Panel Mount Screws: 0.45 to 0.65 Nm (4-5.75 in-lbs)

Recommended Torque for #2-56 or M2.5 Panel Mount Screws: 0.23 to 0.34 Nm (2-3 in-lbs)