

49640 Series SMB Plug Straight

General specifications

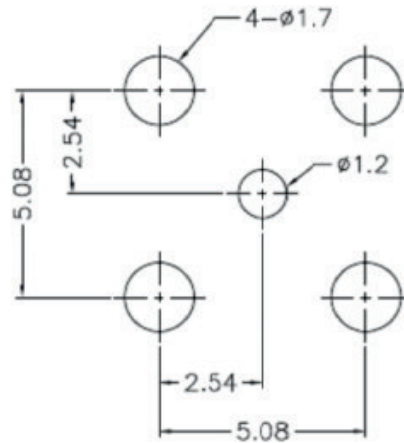
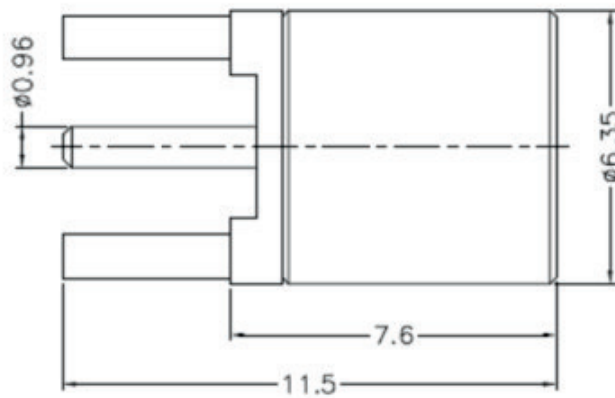
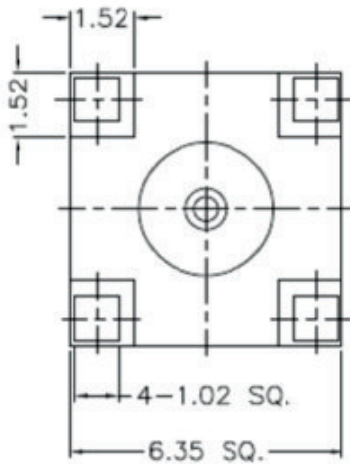
Insulator material	Teflon
Center contact material	Beryllium copper, plating: gold
Body material	Brass, plating: gold
Impedance	50 Ω
Frequency range	0 to 4 GHz
Contact resistance	Center: 6 mΩ max. / outer: 2.5 mΩ max.
Insulator resistance	1000 MΩ min.
VSWR	1.3 max.
Operation temperature	-65 C to +165 C
Durability	500 cycles



RoHS
compliant

Mechanical dimensions

Unit: mm



Recommended P.C.B. layout

Tolerances

Linear	<6	± 0.2
	6 to 30	± 0.4
	>30	± 0.6

Part numbering guide

49640 S

50

Series

Impedance
50 = 50 Ω

* standard

