

Compact Bayonet Lock Coaxial Connector

BM1 Series

DDK Ltd.

Characteristic Impedance

50 Ω

Frequency Range

DC to 6GHz

Lock Type

Bayonet



FEATURE

- Downsize a BNC connector and it is the size equal to SMA connectors.
- Approximately 50% of space-saving in comparison with BNC connector.
- Locking type is Bayonet locking like BNC connector.
- Because of Bayonet locking, torque management is not necessary and easier mating/unmating than SMA connector.

APPLICATIONS

- Wireless Base Station, Telecom Equipment, Measuring Equipment

SPECIFICATIONS

Characteristic Impedance	50 Ω
Rated Voltage	500VAC(r.m.s.)
Dielectric Withstand Voltage	1000V AC(r.m.s.) / 1 minute
Insulation Resistance	1000M Ω Mim. at 500V DC
Contact Resistance	Contact : 3m Ω max.
V.S.W.R.	1.2 max. at DC to 3GHz 1.3 max. at DC to 6GHz
Operating Temperature	-40 to +85°C

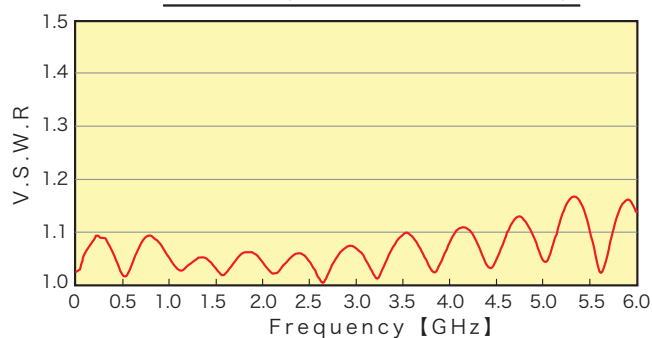
* The specifications are typical but may not apply to all connectors. Please check the specifications on each item with its drawing from us when you use.

Material/Finish



Item	Material / Finish
Center Conductor	Copper Alloy / Au Plating
Outer Conductor	Copper Alloy / Ni Plating
Insulator	PTFE

V.S.W.R. (PatchcodeL=300mm)



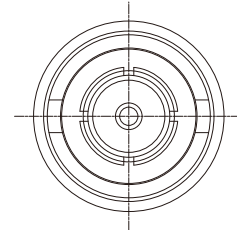
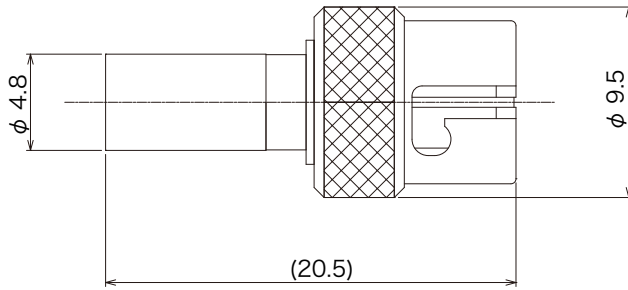
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▶ Straight Cable Plug

BM1-SP-1.5D-CR1

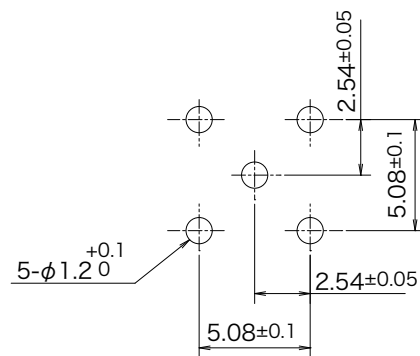
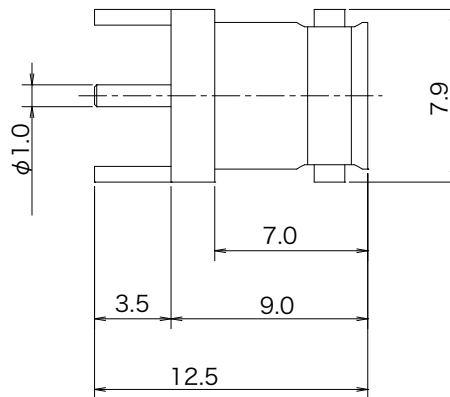
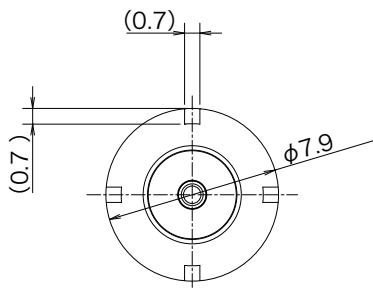
Applicable Cable

1.5D-2V、1.5D-2W
1.5D-HQ・SUPER



▶ Receptacle Jack

BM1-SR-PC



PCB Mounting Dimensions

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