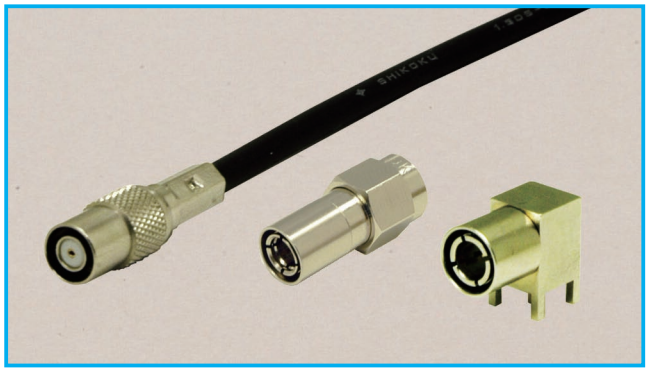
Compact Push-On Locking Coaxial Connector

PMQ Series

DDK Ltd.



Characteristic Impedance
50 Ω

Frequency Range
DC to 6GHz

Lock Type
Push-on

FEATURE

- PMQ series is a push-on full locking and is the size equal to SMA connectors.
- Approximately 30% of space-saving in comparison with PMA series and frequency range is expanded from 2.6GHz to 6GHz.
- Easy operation due to non-polarization.
- Push-on lock mechanism enables to make sure the mating audibly and tactually.
- Lock is released by pulling body.

APPLICATIONS

- Medical Equipment, Telecom Equipment, Measuring Equipment, other equipments for small space

SPECIFICATIONS

Characteristic Impedance	50 Ω
Rated Voltage	335VAC(r.m.s.)
Dielectric Withstanding Voltage	500V AC(r.m.s.) / 1 minute
Insulation Resistance	1000M Ω Mim. at 500V DC
Contact Resistance	Contact : 6m Ω max.
V.S.W.R.	1.2 max. at DC to 3GHz 1.5 max. at 3GHz to 6GHz
Operating Temperature	–40 to +85˚C
Locking Force at Mating Area	49N

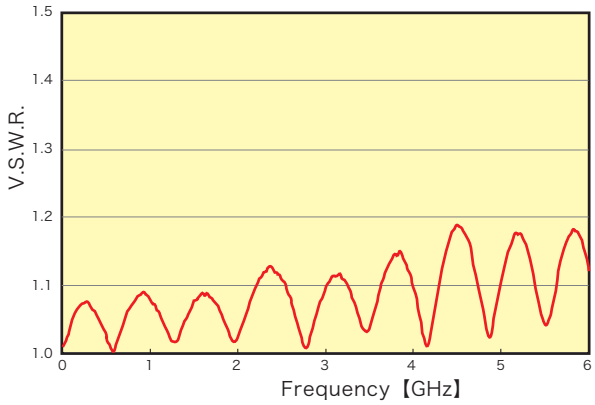
＊ The specifications are typical but may not apply to all connectors. Please check the specifications on each item with its drawing from us when you use.

Material/Finish

RoHS Compliant

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

PMQ-SP-1.5D-CR3 (L=200mm Pigtail)



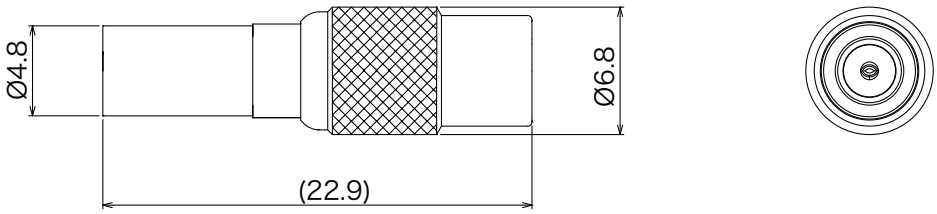
◎ Please acknowledge that the specification etc. of this catalog might change by the improvement etc. without notice.
Moreover, the characteristic and the specification of the published product are the reference values.
Please confirm the content with the latest delivery specifications when you use the product.

Unit：mm

Straight Plug

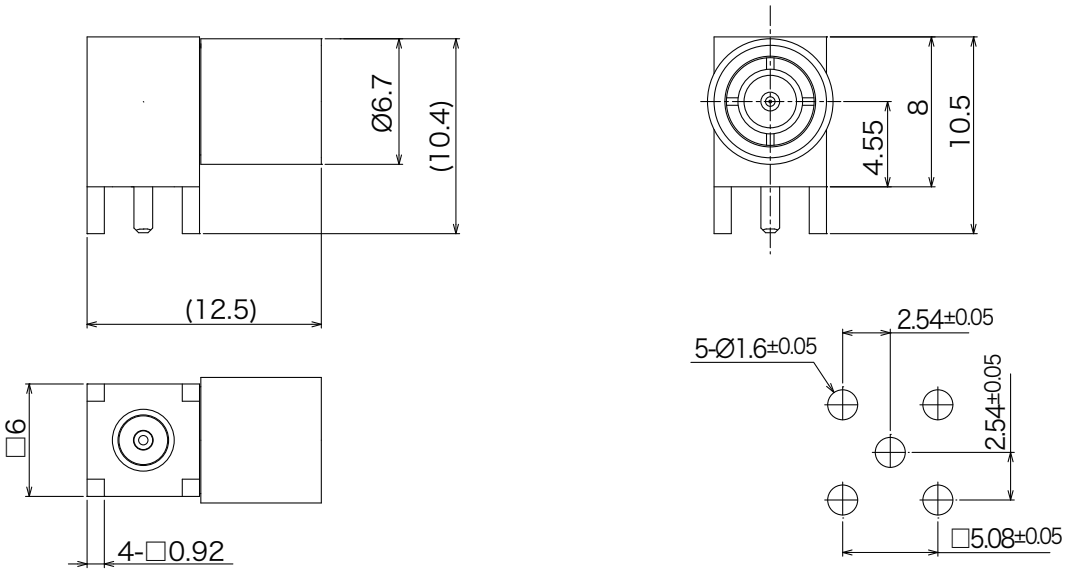
PMQ-SP-1.5D-CR1

Applicable Cable
1.5D-2V、1.5D-2W 1.5D-HQ・SUPER



Receptacle

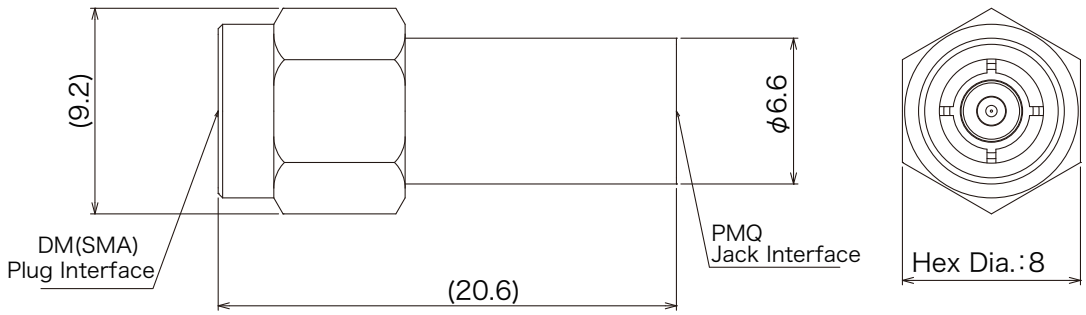
PMQ-LR-PC



PCB Mounting Dimensions

Adaptor (SMA Plug to PMQ Jack)

DMP-SA-PMQJ

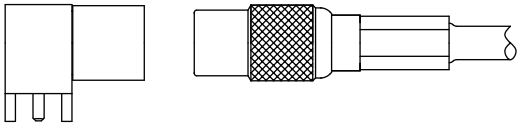


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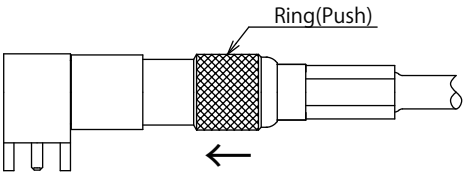
Instruction

Connector mating and unmating

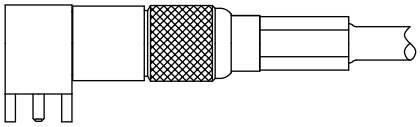
①Before mating



②Push the plug connector with holding the ring into the recept

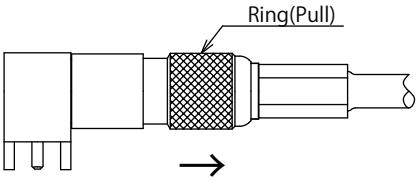


③When you feel the click, the lock is completed.

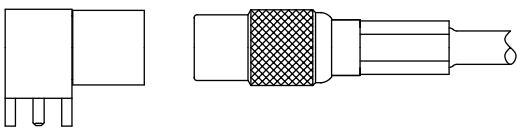


④When you unmate the connector, pull off the plug connector with holding the ring.

※The ring is slided toward cable. Pull off the plug with pulling the ring.
※The connector does not unmate when you pull off without sliding the ring.



⑤ Unmated



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