Push-on Lock Type Coaxial Connector for Semi-rigid/Semi-flexible Cable

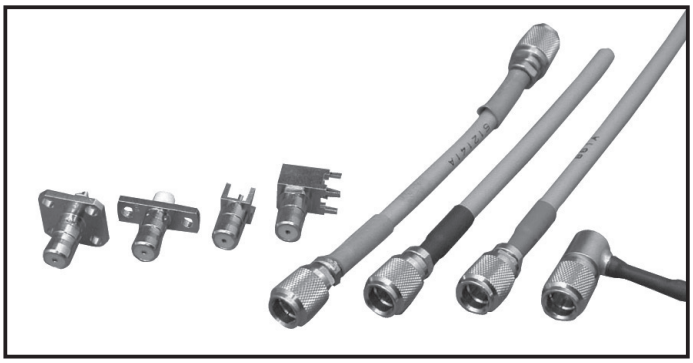
PDM Series

DDK Ltd.

Characteristic Impedance
50 Ω

Frequency Range
DC to 3GHz

Lock Type
Push On



OUTLINE

The coaxial connector for semi-rigid /semi-flexible cable.

FEATURE

- PDM series is the coaxial connector which is modified coupling method of SMA style connector to push-on type. It is easy to mate / unmate by one-touch locking.
- Due to the push-on coupling type, torque control for mating is not necessary like standard SMA connector. So it can be mounted on small space.
- The plug connector is ϕ 9mm. Closed-entry mechanism provides high performance in twiddling force.

APPLICATION

Base Station, Measurement Equipment,, Antenna

SPECIFICATIONS

Characteristic Impedance	50 Ω
Rated Voltage	500VAC(r.m.s.)
Dielectric Withstanding Voltage	1000V AC(r.m.s) / 1 minute
Insulation Resistance	1,000M Ω min. at 500V DC
Contact Resistance	3m Ω max.
V.S.W.R.	1.3 max. (DC ～ 3GHz)
Applicable Cable	UT-85, UT-141T (Semi-rigid / Semi-flexible cable)
Operating Temperature	-55 ～ +85℃

＊ 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
Contact	Copper Alloy / Au Plating
Outer Conductor	Copper Alloy / Ni Plating
Contact	PTFE

Connector Mating/Unmating Tool

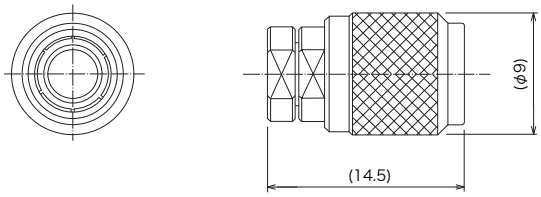
357J-14474

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Unit : mm

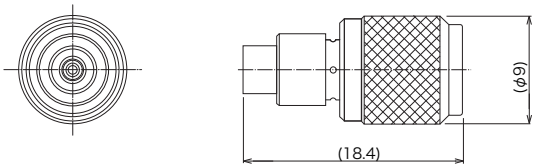
Plug Connector

for Semi-Rigid, Semi-flexible Cable

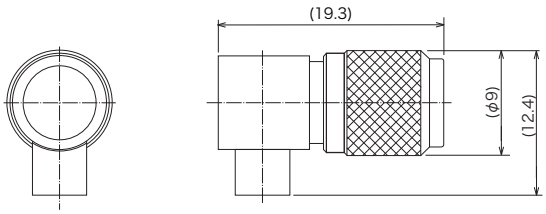


Part Number	Applicable Cable
PDM-SP-141-SO-CF	UT-141A, FCCAVG0

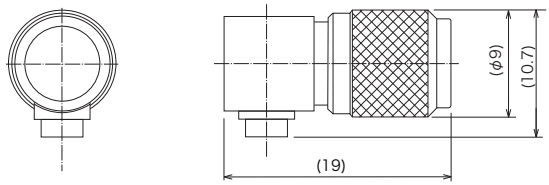
((Note) Utilize center conductor of the applicable .cable



Part Number	Applicable Cable
PDM-SP-85-SO-CF	UT-85, FCCAVG1

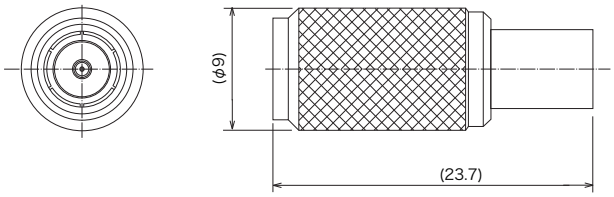


Part Number	Applicable Cable
PDM-LP-141-SO-CF	UT-141A, FCCAVG0

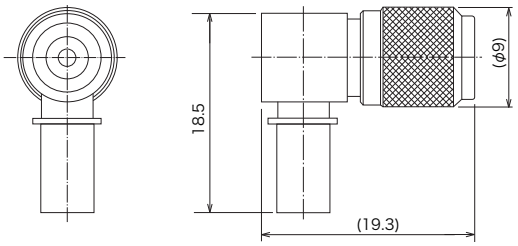


Part Number	Applicable Cable
PDM-LP-85-SO-CF	UT-85, FCCAVG1

Crimp Type



Part Number	Applicable Cable	Crimp Tool
PDM-SP-1.5DW-CR1-CF	1.5D-QEW	CR-H-1156
PDM-SP-2.5DHQS-CR1-CF	2.5D-HQ・SUPER	CR-H-1163
	2.6D-XFV-A	



Part Number	Applicable Cable	Crimp Tool
PDM-LP-1.5DW-CR1-CF	1.5D-QEW	CR-H-1156

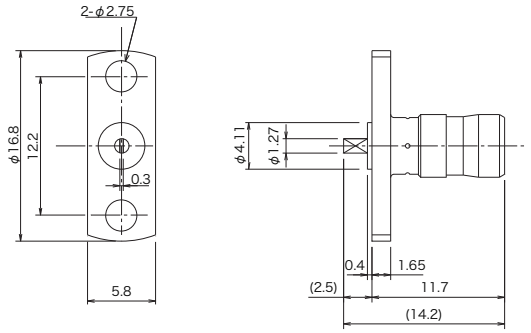
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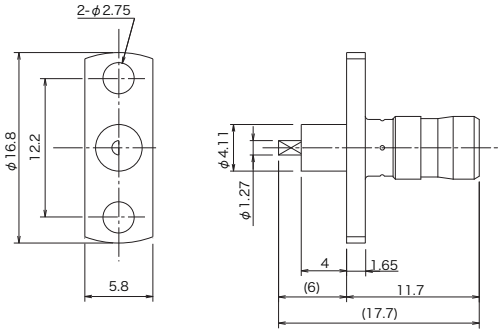
Receptacle Connector

(Panel Mount Type)

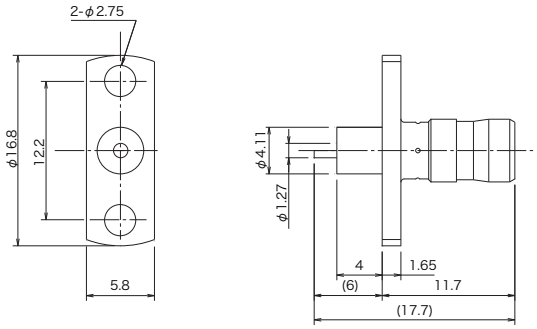
PDM-SR2-CF



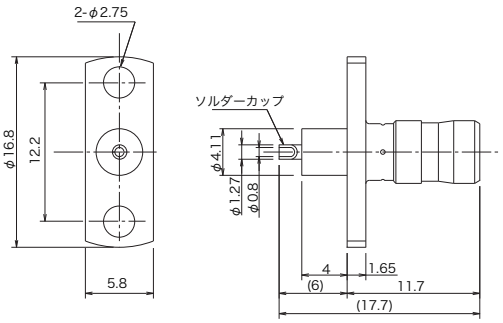
PDM-SR2-D1-CF



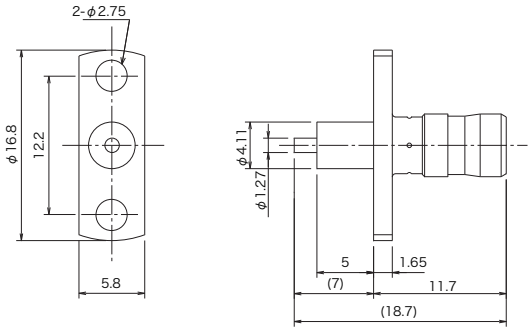
PDM-SR2-D4-CF



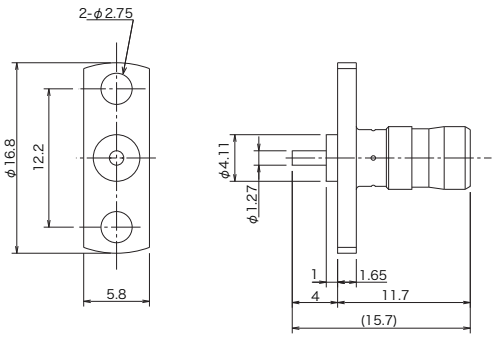
PDM-SR2-1-CF



PDM-SR2-2-CF



PDM-SR2-5-CF



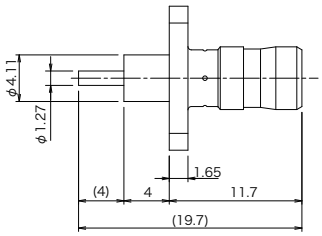
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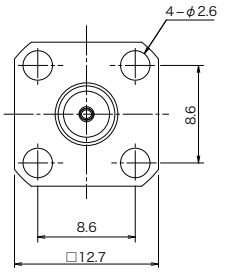
Unit : mm

Receptacle Connector

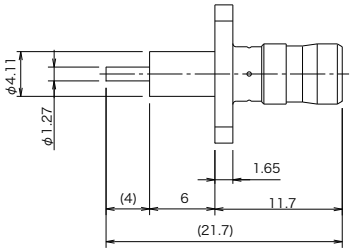
(Panel Mount Type)

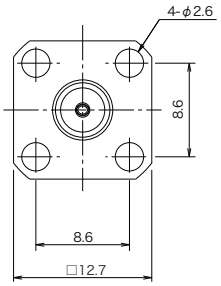
PDM-SR





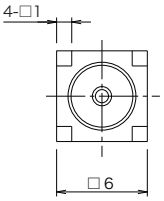
PDM-SR-7-CF

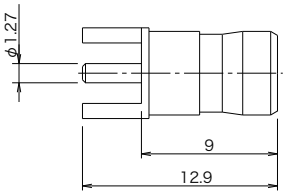


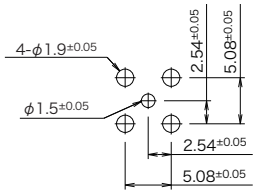


(DIP Type)

PDM-SR-PC-CF

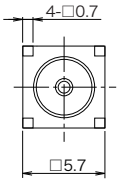


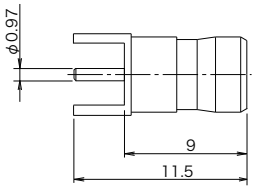


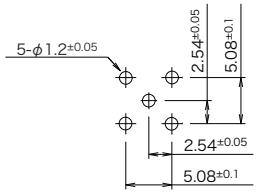


PCB Mounting Dimensions

PDM-SR-PC-D2-CF

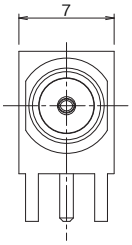


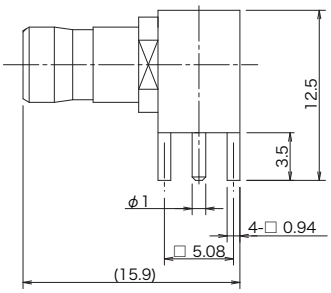


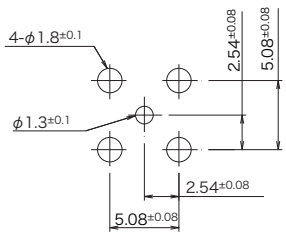


PCB Mounting Dimensions

PDM-LR-PC-CF







PCB Mounting Dimensions

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