

Automotive Coaxial Connector

PMP Series

DDK Ltd.

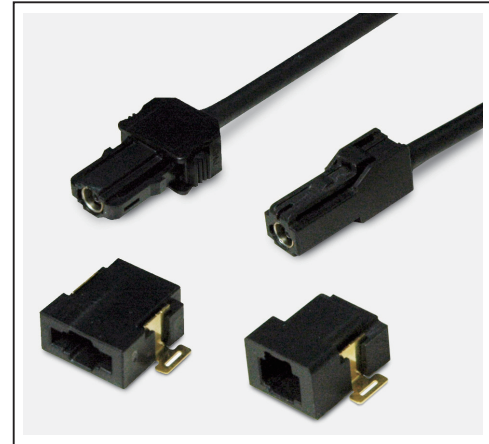
OUTLINE

PMP series is a connector for connection between antenna and devices of terrestrial digital TV, ETC and DSRC.

PMP Type : Low profile connector which have lock levers on both side.
Both upper and lower direction can be mated.

PMP2 Type : Lock lever is located on the top of the connector.
It is space-saving and easy operation.

※ PMP type and PMP2 type are not inter-matable.



FEATURE

- Adopting the inertia lock mechanism. Insert the plug connector, the connector is locked. Pull off with pushing the lock lever.
- Audibly and tactually inertial lock ensures full coupling.
- PMP type is SMT mounting type and 6.25mm mounting height.

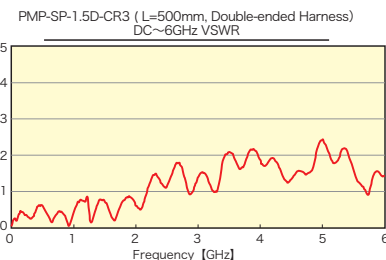
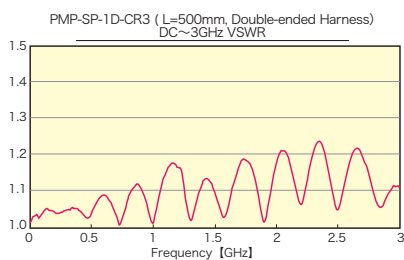
APPLICATION

Car Navigation (GPS, VICS, Terrestrial Digital TV) ,ETC, DSRC Receiver

SPECIFICATIONS

Applicable Cable	1D Type	1.5D Type
Characteristic Impedance	50 Ω	
Rated Voltage	250VAC(r.m.s.)	
Dielectric Withstanding Voltage	300VAC (r.m.s.) / 1 minute	500VAC (r.m.s.) / 1 minute
Insulation Resistance	1000M Ω min. at 250VDC	
Contact Resistance	30m Ω max.	
V.S.W.R.	1.5 max. at DC ~ 3GHz	1.5 max. at DC ~ 6GHz
Operating Temperature	-40 ~ +105°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		
	PMP-LR-PS	PMP-SP-1D-CR3	PMP-SP-1.5D-CR3
Body	PPS Resin / Black (UL94V-0)	PA Resin / Black (UL94V-0)	PA Resin / Black (UL94V-0)
Outer Conductor	Copper Alloy / Contact Area : Au Tail Area : Sn reflow Other Area : Ni	Copper Alloy / Contact Area : Au Termination Area : Sn-Ag Other Area : Ni	Copper Alloy / Contact Area : Au Termination Area : Sn-Ag Other Area : Ni
Insulator	LCP Resin / Black (UL94V-0)	PBT Resin / Black (UL94V-0)	PBT Resin / Black (UL94V-0)
Contact	Copper Alloy / Au	Copper Alloy / Contact Area : Au Termination Area : Sn-Ag Other Area : Ni	Copper Alloy / Contact Area : Au Termination Area : Sn-Ag Other Area : Ni
Tab	Copper Alloy / Mounting Area : Au Other Area : Ni		

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Moreover, the characteristic and the specification of the published product are the reference values.

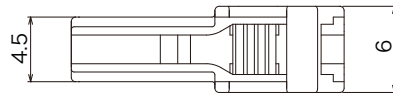
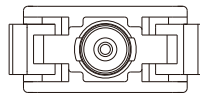
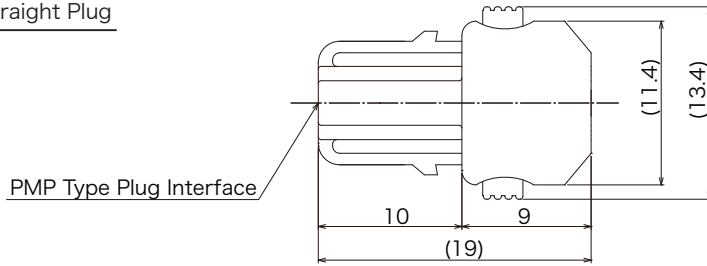
121226 Please confirm the content with the latest delivery specifications when you use the product.

▶ Cable Plug (PMP Type)

PMP-SP-xD-CR3

Termination : Open-barrel
 Cable Size : Refer to the table as right.
 Connector Style : Straight Plug
 Series : PMP Type

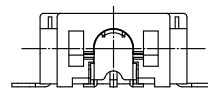
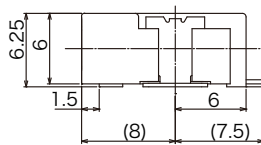
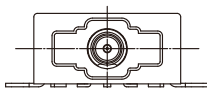
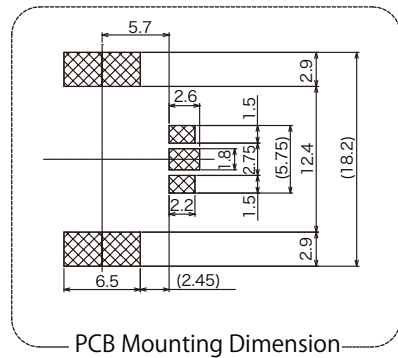
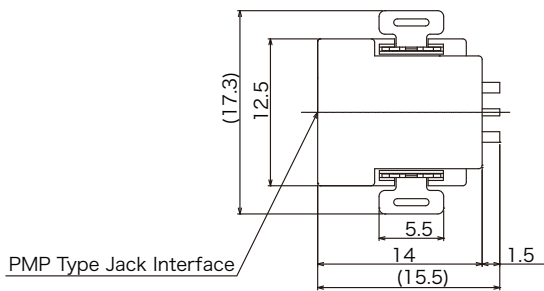
Part Number	Applicable Cable	Manufacturer
PMP-SP-1D-CR3	1D-QFB (A)	Shikoku Cable
PMP-SP-1.5D-CR3	HR-1.5D-QEFA(K)	Fujikura
	1.5D-HQ · SUPER	Fujikura
	1.5DS-QFBS	Shikoku Cable



▶ Receptacle (PMP Type)

PMP-LR-PS

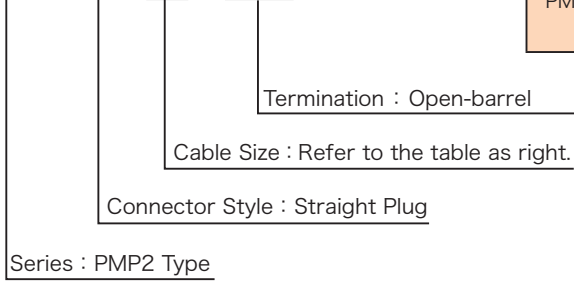
Mounting Type : SMT
 Connector Style : Right angle Receptacle
 Series : PMP Type



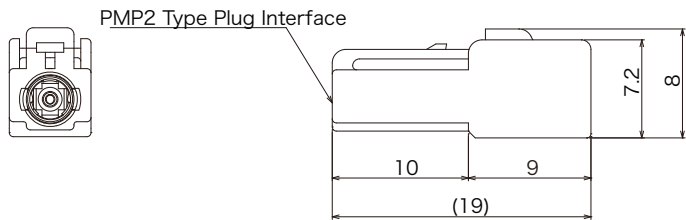
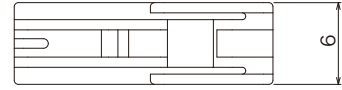
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▶ Cable Plug (PMP2 Type)

PMP2-SP-xD-CR3



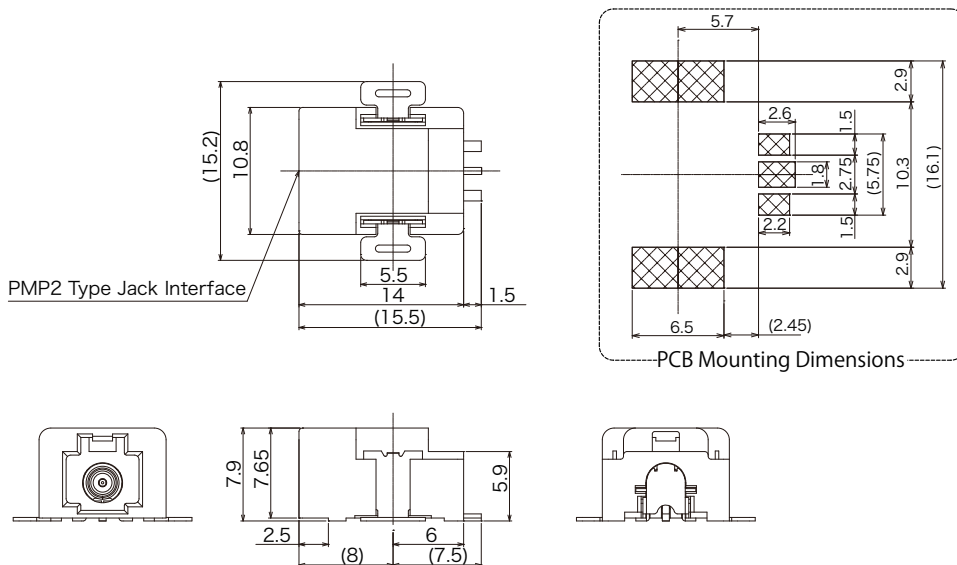
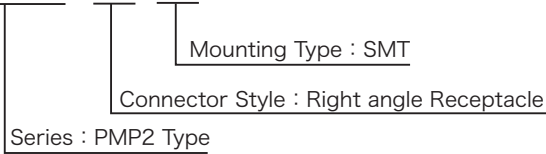
Part Number	Applicable Cble	Manufacturer
PMP2-SP-1D-CR3	1D-QFB (A)	Shikoku Cable
PMP2-SP-1.5D-CR3	HR-1.5D-QEFA(K)	Fujikura
	1.5D-HQ · SUPER	Fujikura
	1.5DS-QFBS	Shikoku Cable



※ This product is under developing. Please contact our sales office about the details.

▶ Receptacle (PMP2 Type)

PMP2-LR-PS



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