

# SMB Style Connector (Low Cost Version)

## PSC2 Series

**Connector Type**
**SMB**
**Frequency Range**
**DC~4GHz**
**Characteristic Impedance**
**50 Ω**
**Applicable Cable**
**1.5D**
**Lock Type**
**Push On**


### OUTLINE

PSC2 series is intermateable with SMB style connector which conform to MIL-PRF-39012 and modified smaller and lighter.

It is achieved low cost by reducing the number of parts and using molding parts/press-fabricated parts.

### APPLICATIONS

Base station, Telecom, Measurement equipments.

### FEATURE

1. Added the spring which prevent the interface form spreading.  
It improves the strength for the torsional mating and retaining force.
2. Recommended cable : 1.5DS-QEHV(TA) (Shikoku Cable) and 1.5D-HQ·SUPER (Fujikura)
3. RoHS Compliant
4. Mating height is 9mm (max.). (Mating connector is PSC-SR-PS-D2)

### SPECIFICATIONS

Characteristic Impedance	50 Ω
Rated Volatge	335VAC(r.m.s.)
Dielectric Withstanding Voltage	1000V AC(r.m.s.) / 1 minute
Insulation Resistance	1000M Ω Mim. at 500V DC
Contact Resistance	6m Ω Max.
V.S.W.R.	1.3 max. at DC to 4GHz
Mating Height	9.0mm max.
Operating Temperature	-40 ~ +85°C

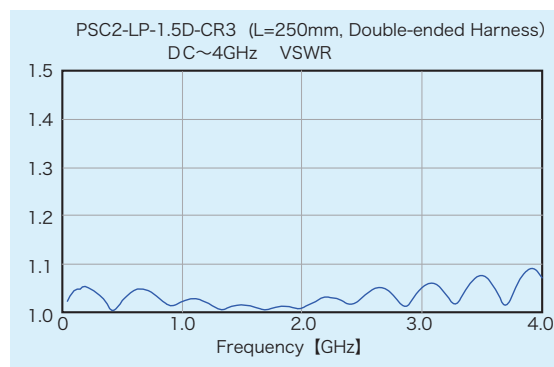
\* The specifications are typical but may not apply to all connectors. Please check the specifications on each item with its drawing from us when you use.

### MATERIAL/FINISH

Item	Material / Finish
Contact	Copper Alloy / Au Plating
Outer Conductor	Copper Alloy / Ni or Au Plating
Insulator	Fluorine Resin



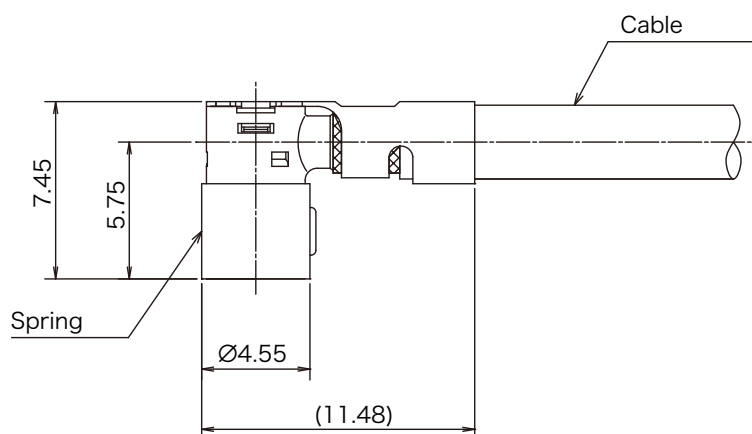
### V.S.W.R.



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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.

## ▶ Cable Plug

### Dimensions



Part Number	Plating/Finish	
	Center Conductor	Outer Conductor
PSC2-LP-1.5D-CR3	Au	Ni
PSC2-LP-1.5D-CR3-D1	Au	Au

※ Plug connector is available in only cable assembly.