

## COAXIAL CONNECTOR, PGPBX, 50 Ohm, Straight PCB plug (male)

81\_PGPBX-X50-0-W3/111\_N

### Properties

- Robust one-piece design
- High tolerance compensation between boards
- Excellent Radio Frequency (RF) performance
- High isolation between channels
- Customizable upon request



### Product configuration

Interface type

PGPBX

### Interface and material data

Piece parts	Material	Plating
Centre contact	Bronze / Brass	SUCOPRO / Gold Plating
Outer conductor	Bronze / Brass	SUCOPRO / Gold Plating
Body	Bronze / Brass	SUCOPRO / Gold Plating
Other body part	Stainless steel	Passivated (Plating)
Insulator	PTFE / LCP	

### Electrical data

Impedance	50 Ω
Interface frequency	6 GHz

### Electrical Data (frequency related)

Frequency range	Return loss	VSWR
0 GHz ... 4 GHz	20 dB	1.22
4 GHz ... 6 GHz	18 dB	1.28

### Mechanical data

Weight	0.00225 kg
Mating cycles	100
Board mounting type	surface mount
Height above PCB HA	11.5 mm

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Operation temperature	-55 °C ... 125 °C
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**Additional Information**

Remarks	One-piece board-to-board / board-to-filter solution
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