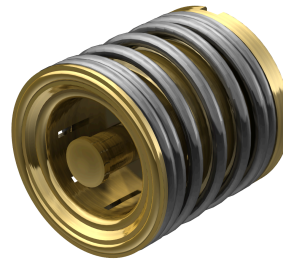


COAXIAL CONNECTOR, PGPBX, 50 Ohm, Straight PCB plug (male)

81_PGPBX-X50-0-W4/111_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	0.00146 kg
Mating cycles	100
Board mounting type	surface mount
Height above PCB HA	7.5 mm

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

81_PGPBX-X50-0-W4/111_N

Environmental data	
Operation temperature	-55 °C ... 125 °C

Material compliance			
Item number	Directive / Regulation	Rating	Exemptions / Details
85195373	RoHS 2011/65/EU and (EU) 2015/863	Compliant with exemption	6c
	REACH 1907/2006 Article 33 SVHC	Contains one or more SVHC >0,1%	CAS: 7439-92-1 Lead

Ordering Information Table		
Item number	Item description	Packaging type
85195373	81_PGPBX-X50-0-W4/111_NY	Tray

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

HUBER+SUHNER is certified by ISO 9001, ISO 14001, ISO 45001, IATF 16949, AS/EN 9100 and ISO/TS 22163-IRIS. Waiver: Facts and figures herein are for information only and do not represent any warranty of any kind.
DOCUMENT PIM-P51213 / Date of publication: 12.07.2025 / uncontrolled copy