

COAXIAL CONNECTOR, MMPX, 50 Ohm, Straight PCB jack with ground pin in-hole and SMT Signal pin (female)
96_MMPX-50-0-3/111_N

Properties

- Excellent electrical performance at smallest dimensions
- Broadband electrical characteristics
- Mechanically very robust
- Fits a wide range of cable types



Product configuration	
Gender	Standard
jack	HUBER+SUHNER MMPX STD (Patent US 7.294.023)

Interface and material data		
Piece parts	Material	Plating
Centre contact	Copper Beryllium Alloy	SUCOPRO Plating
Outer conductor	Copper Beryllium Alloy	SUCOPRO Plating
Body	Brass	SUCOPRO Plating
Insulator	PTFE (Polytetrafluoroethylene)	

Electrical data	
Impedance	50 Ω
Interface frequency	67 GHz

Electrical Data (frequency related)		
Frequency range	Return loss	VSWR
0 GHz ... 26.5 GHz	25 dB	1.12
26.5 GHz ... 50 GHz	15 dB	1.43
50 GHz ... 67 GHz	10 dB	1.92

Mechanical data	
Weight	0.0004 kg
Mating cycles	100
Board mounting type	pin-in-hole / SMT
Number of printlegs	4
Height above PCB HA	5.47 mm
Height of stand off HS	0.37 mm

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Environmental data	
Operation temperature	-65 °C ... 155 °C

Material compliance			
Item number	Directive / Regulation	Rating	Exemptions / Details
84099988	RoHS 2011/65/EU and (EU) 2015/863	Compliant with exemption	6c
84099981	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	Packaging information
84099988	96_MMPX-50-0-3/111_NM	Tape and Reel	450 pcs/reel
84099981	96_MMPX-50-0-3/111_NM-1	Bulk 10 pcs	Available in blister tape only!

Additional Information	
Remarks	Decoupling tool MMPX shall be used (74_Z-0-0-491/74_Z-0-0-555)!

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