

COAXIAL CONNECTOR, MMPX, 50 Ohm, Edge mount PCB jack (female)

92_MMPX-S50-0-1/111_N

Properties

- Excellent electrical performance at smallest dimensions
- Broadband electrical characteristics
- Mechanically very robust



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

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

Electrical data	
Impedance	50 Ω
Interface frequency	90 GHz

Electrical Data (frequency related)		
Frequency range	Return loss	VSWR
0 GHz ... 26.5 GHz	22 dB	1.17
26.5 GHz ... 50 GHz	20 dB	1.22
50 GHz ... 67 GHz	20 dB	1.22

Mechanical data	
Weight	0.0005 kg
Mating cycles	100
Board mounting type	edge mount

COAXIAL CONNECTOR, MMPX, 50 Ohm, Edge mount PCB jack (female)

92_MMPX-S50-0-1/111_N

Engagement / Disengagement force		
	Engagement	Disengagement
Interface force max	30 N	30 N

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

Material compliance			
Item number	Directive / Regulation	Rating	Exemptions / Details
84009138	RoHS 2011/65/EU and (EU) 2015/863	Compliant with exemption	6c
84009140	RoHS 2011/65/EU and (EU) 2015/863	Compliant with exemption	6c

Ordering Information Table			
Item number	Item description	Packaging type	Packaging information
84009138	92_MMPX-S50-0-1/111_NM	Bulk 10 pcs	Available in blister tape only!
84009140	92_MMPX-S50-0-1/111_NM-1	Tape and Reel	500 pcs/reel

Additional Information	
Remarks	Bandwidth expansion to 90 GHz when used in combination with adaptor 33_MMPX-PC1-50-1/111_NE or cable connector 11_MMPX-50-1-6/11-_UE (Cable: Multiflex_53-02). Decoupling tool MMPX shall be used (74_Z-0-0-491/74_Z-0-0-555)!

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-P1150 / Date of publication: 12.07.2025 / uncontrolled copy