

COAXIAL CONNECTOR, MXPM, 50 Ohm, Straight PCB jack (female)
1x8A_82_MXPM-S50-O-2

Properties

- Broadband electrical characteristics
- 2.54 mm (0.1 inch) pitch centre-to-centre
- Magnetic locking mechanism



Product configuration		
Interface type	Gender	Standard
MXPM	jack	HUBER+SUHNER MXPM STD (Patent US 8,360,807 / Patent pend.)

Interface and material data		
Piece parts	Material	Plating
Outer conductor	Brass	SUCOPRO / Gold Plating
Body	Brass	SUCOPRO / Gold Plating
Other body part	Stainless steel	

Electrical data	
Impedance	50 Ω
Interface frequency	90 GHz

Electrical Data (frequency related)		
Frequency range	Return loss	VSWR
0 GHz ... 50 GHz	20 dB	1.22
50 GHz ... 90 GHz	15 dB	1.43

Mechanical data	
Weight	0.0098 kg
Mating cycles	500
Board mounting type	pin-in-hole / SMT
Number of pringlegs	others
Height above PCB HA	8 mm

COAXIAL CONNECTOR, MXPM, 50 Ohm, Straight PCB jack (female)

1x8A_82_MXPM-S50-0-2

Environmental data			
Operation temperature		0 °C ... 85 °C	
Material compliance			
Item number	Directive / Regulation	Rating	Exemptions / Details
85085226	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
85085226	1x8A_82_MXPM-S50-0-2/-11_NE		Single
Additional Information			
Remarks		Multicoax socket, 1x8 ganged, non-keyed	

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-P2951 / Date of publication: 12.07.2025 / uncontrolled copy