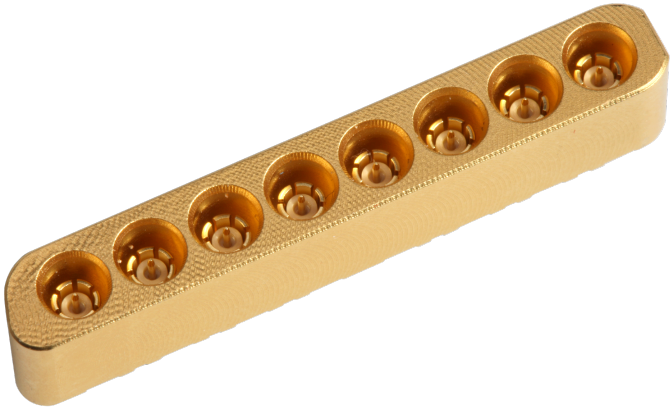
DATA SHEET

COAXIAL CONNECTOR, MXP, 50 Ohm, Straight PCB plug Pin-in-hole/ SMT

1x8A_81_MXP-S50-0-1/111_N

Properties

- Broadband electrical characteristics
- 4 mm (0.157 inch) pitch center-to-centre
- Slide-on interface - no threading



Product configuration		
Interface type	Gender	Standard
MXP	plug	HUBER+SUHNER MXP STD (Patent US 8,360,807)

Interface and material data		
Piece parts	Material	Plating
Centre contact	Copper Beryllium Alloy	SUCOPRO Plating
Outer conductor	Bronze	SUCOPRO Plating
Body	Brass	SUCOPRO Plating
Insulator	PEEK (Polyether-etherketone)	

Electrical data	
Impedance	50 Ω
Interface frequency	40 GHz

Electrical Data (frequency related)		
Frequency range	**Return loss**	**VSWR**
0 GHz ... 22.5 GHz	20 dB	1.22

Mechanical data	
Weight	8.44 g
Mating cycles	500
Board mounting type	pin-in-hole / SMT
Number of printlegs	others
Height above PCB HA	6.8 mm

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Engagement / Disengagement force		
	Engagement	**Disengagement**
Interface force min	6 N	6 N
Interface force max	27 N	27 N

Environmental data	
Operation temperature	-55 °C ... 85 °C

Material compliance			
Item number	Directive / Regulation	Rating	Exemptions / Details
84091435	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
84091435	1x8A_81_MXP-S50-0-1/111_NE	Single

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