

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

81_MMBX-S50-0-1/111_N

Properties

- Smallest board-to-board distance
- Very high frequencies
- Excellent return loss values
- Blind mateable
- Reliable and secure connection



Product configuration		
Interface type	Gender	Standard
MMBX	plug	HUBER+SUHNER-MMBX

Interface and material data		
Piece parts	Material	Plating
Centre contact	Copper Beryllium / Brass	SUCOPRO Plating
Outer conductor	Bronze / Brass	SUCOPRO Plating
Body	Bronze / Brass	SUCOPRO Plating
Insulator	PFA / LCP	

Electrical data	
Impedance	50 Ω
Interface frequency	12.4 GHz

Electrical Data (frequency related)		
Frequency range	Return loss	VSWR
0 GHz ... 2 GHz	30 dB	1.07
2 GHz ... 6 GHz	23 dB	1.15

Mechanical data	
Weight	0.0005 kg
Mating cycles	100
Board mounting type	surface mount
Number of printlegs	4
Height above PCB HA	5.75 mm
Height of stand off HS	0.6 mm

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Engagement / Disengagement force			
	Engagement	Disengagement	
Interface force max	15 N	15 N	

Environmental data	
Operation temperature	-55 °C ... 155 °C

Material compliance			
Item number	Directive / Regulation	Rating	Exemptions / Details
23001782	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
23001781	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
23001780	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
23001782	81_MMBX-S50-0-1/111_NE	Single
23001781	81_MMBX-S50-0-1/111_NH	Bulk 100 pcs
23001780	81_MMBX-S50-0-1/111_NM	Tape and Reel

Additional Information	
Remarks	PCB connector with stand-offs

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