

COAXIAL CONNECTOR, MMBX, 50 Ohm, Straight PCB jack (female)
82_MMBX-50-0-2/111_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	jack	HUBER+SUHNER-MMBX

Interface and material data		
Piece parts	Material	Plating
Centre contact	Brass	Gold Plating (Nickel underplated)
Outer conductor	Brass	SUCOPRO Plating
Body	Brass	SUCOPRO Plating
Insulator	LCP (Liquid crystal polymer)	

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	0.0004 kg
Mating cycles	100
Board mounting type	through holes
Number of printlegs	4
Height above PCB HA	3.1 mm
Height of stand off HS	0.6 mm

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

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

Material compliance			
Item number	Directive / Regulation	Rating	Exemptions / Details
23001788	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
23001787	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
23001786	RoHS 2011/65/EU and (EU) 2015/863	Compliant with exemption	6c

Ordering Information Table		
Item number	Item description	Packaging type
23001788	82_MMBX-50-0-2/111_NE	Single
23001787	82_MMBX-50-0-2/111_NH	Bulk 100 pcs
23001786	82_MMBX-50-0-2/111_NM	Tape and Reel

Additional Information	
Remarks	PCB connector with stand-offs

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