

**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 $\Omega$
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
Disengagement force (to)	30 N

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<b>Mechanical data</b>	
Engagement force max	30 N

<b>Environmental data</b>	
Operation temperature	-55 °C ... 155°C

<b>Ordering Information Table</b>		
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

<b>Additional Information</b>	
Remarks	PCB connector with stand-offs

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