

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

81_MMBX-S50-0-16/111_

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	Gold Plating (Nickel underplated)
Outer conductor	Bronze / Brass	SUCOPRO Plating
Body	Bronze / Brass	SUCOPRO Plating
Insulator	PTFE (Polytetrafluoroethylene)	

Electrical data	
Impedance	50 Ω
Interface frequency	12.4 GHz

Mechanical data	
Mating cycles	100
Board mounting type	surface mount
Height above PCB HA	9 mm
Height of stand off HS	0.6 mm

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

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

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

81_MMBX-S50-0-16/111_

Material compliance			
Item number	Directive / Regulation	Rating	Exemptions / Details
84015723	RoHS 2011/65/EU and (EU) 2015/863	Compliant with exemption	6c

Ordering Information Table		
Item number	Item description	Packaging type
84015723	81_MMBX-S50-0-16/111_NM	Tape and Reel

Additional Information	
Remarks	PCB connector with stand-offs

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-P1366 / Date of publication: 12.07.2025 / uncontrolled copy