

COAXIAL CONNECTOR, MMBX, 50 Ohm, Straight PCB plug (male)
81_MMBX-50-0-11/111_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 Alloy	Gold Plating (Nickel underplated)
Outer conductor	Bronze	SUCOPRO Plating
Body	Brass	SUCOPRO Plating
Insulator	PTFE / LCP	

Electrical data	
Impedance	50 Ω
Interface frequency	12.4 GHz

Mechanical data	
Weight	0.0023 kg
Mating cycles	100
Board mounting type	through holes
Number of printlegs	4
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

COAXIAL CONNECTOR, MMBX, 50 Ohm, Straight PCB plug (male)
81_MMBX-50-0-11/111_N

Environmental data			
Operation temperature		-55 °C ... 155 °C	
Material compliance			
Item number	Directive / Regulation	Rating	Exemptions / Details
23028072	RoHS 2011/65/EU and (EU) 2015/863	Compliant with exemption	6c
Ordering Information Table			
Item number	Item description		Packaging type
23028072	81_MMBX-50-0-11/111_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-P1369 / Date of publication: 12.07.2025 / uncontrolled copy