

COAXIAL CONNECTOR, MBX, 50 Ohm, Straight PCB jack (female)
82_MBX-S50-0-2/113_N

Properties

- Very high axial float – best in class
- Excellent return loss values
- Blind mateable
- Reliable and secure connection



Product configuration		
Interface type	Gender	Standard
MBX	jack	HUBER+SUHNER MBX

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

Electrical data	
Impedance	50 Ω
Interface frequency	6 GHz

Mechanical data	
Weight	0.001625 kg
Mating cycles	100
Board mounting type	surface mount
Height above PCB HA	8 mm
Height of stand off HS	0.55 mm

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

COAXIAL CONNECTOR, MBX, 50 Ohm, Straight PCB jack (female)

82_MBX-S50-0-2/113_N

Material compliance			
Item number	Directive / Regulation	Rating	Exemptions / Details
84104681	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
84094287	RoHS 2011/65/EU and (EU) 2015/863	Compliant with exemption	6c
84094288	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
84104681	82_MBX-S50-0-2/113_NE	Single
84094287	82_MBX-S50-0-2/113_NH	Bulk 100 pcs
84094288	82_MBX-S50-0-2/113_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-P1350 / Date of publication: 12.07.2025 / uncontrolled copy