

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

82_MCX-50-0-42/111_T

Properties

- Small size
- Easy to connect and disconnect
- Wide range of board connectors and cable connectors available

**Product configuration**

Interface type	Gender	Standard
MCX	jack	IEC 60169-36_CEEC 22220

Interface and material data

Piece parts	Material	Plating
Centre contact	Copper Beryllium Alloy	Gold Plating (without Nickel underplating)
Outer conductor	Brass	Gold Plating (without Nickel underplating)
Body	Brass	Gold Plating (without Nickel underplating)
Insulator	PFA / PTFE	

Electrical data

Impedance	50 Ω
Interface frequency	6 GHz

Mechanical data

Weight	0.0007 kg
Mating cycles	500
Board mounting type	through holes
Number of printlegs	4
Height above PCB HA	6 mm

Engagement / Disengagement force

	Engagement	Disengagement
Interface force min		8 N
Interface force max	25 N	20 N

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

82_MCX-50-0-42/111_T

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

Material compliance			
Item number	Directive / Regulation	Rating	Exemptions / Details
23024098	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
23024098	82_MCX-50-0-42/111_TH	Bulk 100 pcs

Additional Information	
Remarks	Non-magnetic Brass base material with material impurities less than 0.01% Fe and 0.30% Co+Ni

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-P1341 / Date of publication: 12.07.2025 / uncontrolled copy