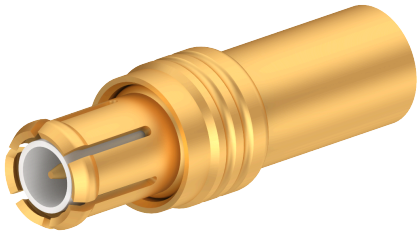
DATA SHEET

COAXIAL CONNECTOR, MCX, 50 Ohm, Straight cable plug (male)

11_MCX-50-1-17/111_N

Properties

- Small size
- Easy to connect and disconnect
- Wide range of board connectors and cable connectors available
- Lead free material
- RoHS full compliant without exemption 6C



Product configuration		
Interface type	Gender	Standard
MCX	plug	IEC 60169-36_CECC 22220

Interface and material data		
Piece parts	Material	Plating
Centre contact	Brass	Gold Plating (Nickel underplated)
Outer conductor	Brass	Gold Plating (Nickel underplated)
Body	Brass	Gold Plating (Nickel underplated)
Insulator	PFA / PTFE	
Crimp ferrule	Copper	Gold Plating (without Nickel underplating)

Electrical data	
Impedance	50 Ω
Interface frequency	6 GHz

Mechanical data	
Weight	1 g
Mating cycles	500
Cable entry centre contact	crimped
Cable entry outer contact	crimped

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

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

Material compliance			
Item number	Directive / Regulation	Rating	Exemptions / Details
85278006	RoHS 2011/65/EU and (EU) 2015/863	Compliant without exemption	
	REACH 1907/2006 Article 33 SVHC	Free of SVHC >0,1%	

Ordering Information Table	
Item number	Item description
85278006	11_MCX-50-1-17/111_NH

Suitable cables	
Cable group	U1 - 1 mm / 50 Ohm
Suitable cables	RG_178_B/U
Suitable cables	RG_196_A/U

Additional Information	
Only as assembly	No

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