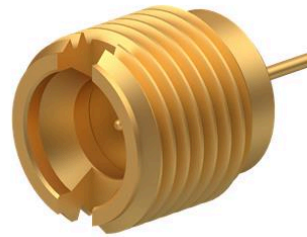


COAXIAL CONNECTOR, SMPM, 50 Ohm, Straight bulkhead receptacle, plug (male), full detent

12_SMPM-50-0-F2/111_N

Properties

- Best performance-to-price ratio
- Excellent RF performance up to 65 GHz
- Small size, compact form factor
- Snap-on coupling mechanism with full detent and smooth bore
- Board-to-board solutions with bullets for axial and radial float



Product configuration		
Interface type	Gender	Standard
SMPM	plug	MIL-STD-348B

Interface and material data		
Piece parts	Material	Plating
Centre contact	Brass	SUCOPRO Plating
Outer conductor	Brass	SUCOPRO Plating
Body	Brass	SUCOPRO Plating
Insulator	PTFE (Polytetrafluoroethylene)	

Electrical data	
Impedance	50 Ω
Interface frequency	65 GHz

Mechanical data	
Weight	0.34 g
Mating cycles	100
Tab style	Standard

Engagement / Disengagement force		
	Engagement	Disengagement
Interface class	Full detent	Full detent
Interface force typical	20 N	29 N

Environmental data	
Operation temperature	-65 °C ... 165 °C

COAXIAL CONNECTOR, SMPM, 50 Ohm, Straight bulkhead receptacle, plug (male), full detent

12_SMPM-50-0-F2/111_N

Material compliance			
Item number	Directive / Regulation	Rating	Exemptions / Details
85224616	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%	6C
			CAS: 7439-92-1 Lead

Ordering Information Table		
Item number	Item description	Packaging type
85224616	12_SMPM-50-0-F2/111_NE	Single

Additional Information	
Remarks	The values provided are typical and may vary depending on factors such as the mating connector and installation condition.

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.
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