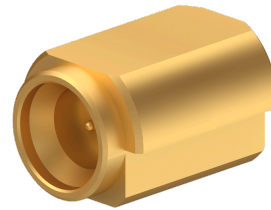


COAXIAL CONNECTOR, SMPM, 50 Ohm, Edge mount PCB plug (male), smooth bore

91_SMPM-50-0-S3/111_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	0.54 g	
Mating cycles	500	
Board mounting type	edge mount	
Engagement / Disengagement force		
	Engagement	Disengagement
Interface class	Smooth bore	Smooth bore
Interface force typical	11 N	6.7 N
Environmental data		
Operation temperature	-65 °C ... 165 °C	

COAXIAL CONNECTOR, SMPM, 50 Ohm, Edge mount PCB plug (male), smooth bore

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Material compliance			
Item number	Directive / Regulation	Rating	Exemptions / Details
85275516	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
85275599	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
85275516	91_SMPM-50-0-S3/111_NE	Single
85275599	91_SMPM-50-0-S3/111_NM	Tape and Reel

Additional Information	
Remarks	The values provided are typical and may vary depending on factors such as the mating connector, PCB (layout), and assembly condition.

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