

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
91_SMPM-50-0-S3/111_N

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.
---------	---

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-P61514 / Date of publication: 04.12.2025 / uncontrolled copy