

COAXIAL CONNECTOR, SHV, 50 Ohm, Straight bulkhead receptacle, jack (female)

22_SHV-50-0-2/133_N

Properties

- Suitable for all high voltage applications up to 5 kV DC or 3.5 kV rms
- Used in nuclear instruments or test and measurement equipment
- Voltages are valid for both, the mated and the unmated condition.



CE UK
CA

Product configuration

Interface type	Gender	Standard
SHV	jack	IEC 60498_MIL-STD-348A/314

Interface and material data

Piece parts	Material	Plating
Centre contact	Brass	Gold Plating (Nickel underplated)
Outer conductor	Brass	SUCOPLATE (R) Plating
Body	Brass	SUCOPLATE (R) Plating
Insulator	PFA / PTFE	
Fastening nut	Brass	SUCOPLATE (R) Plating
Washer	Bronze	SUCOPLATE (R) Plating

Electrical data

Impedance	50 Ω
Interface frequency	0.3 GHz

Mechanical data

Weight	0.0115 kg
Mating cycles	500
Chassis torque	2 N
Flange type	round flange / dia. 12.5
Tab style	solder end

Environmental data

Operation temperature	-65 °C ... 165 °C
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Material compliance

Item number	Directive / Regulation	Rating	Exemptions / Details
22544054	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
22544054	22_SHV-50-0-2/133_NE	Single

Additional Information

Remarks	High voltage connector Working voltage (at sea level) 3.5 kV rms
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