

COAXIAL CONNECTOR, SHV, 50 Ohm, Straight bulkhead receptacle, jack (female)
22_SHV-50-0-3/100_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.



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	Silver Plating
Body	Brass	Silver Plating
Insulator	PFA / PTFE	
Gasket	FKM (Fluoro elastomer, FPM)	
Fastening nut	Brass	Silver Plating
Washer	Bronze	Silver Plating

Electrical data	
Impedance	50 Ω
Interface frequency	0.3 GHz

Mechanical data	
Weight	0.0212 kg
Mating cycles	500
Chassis torque	2 N
Flange type	round flange / dia. 17.5
Tab style	others

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

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Material compliance			
Item number	Directive / Regulation	Rating	Exemptions / Details
22543968	RoHS 2011/65/EU and (EU) 2015/863	Not compliant	
	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
22543968	22_SHV-50-0-3/100_NE		Single
Additional Information			
Remarks		Hermetically sealed: leak rate <= 10^-6 Torr l/s (atm cc/s)	

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