

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

24_SHV-50-3-1/133_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.



Product configuration	
Gender	Standard
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	
Gasket	VMQ (Silicone rubber)	
Fastening nut	Brass	SUCOPLATE (R) Plating
Washer	Copper, Tin plated	SUCOPLATE (R) Plating
Crimp ferrule	Copper	SUCOPLATE (R) Plating

Electrical data	
Impedance	50 Ω
Interface frequency	0.3 GHz

Mechanical data	
Weight	0.0242 kg
Mating cycles	500
Cable entry centre contact	crimped
Cable entry outer contact	crimped

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

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Ordering Information Table		
Item number	Item description	Packaging type
22641281	24_SHV-50-3-1/133_NE	Single

Suitable cables	
Cable group	U7 - 3 mm / 50 Ohm
Suitable cables	G_03232
	RG_58_C/U

Additional Information	
Remarks	High voltage connector Working voltage (at sea level) 3.5 kV rms, 50Hz (depending on cable)
Only as assembly	No

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