Standard

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Summary

Request a quote

SE series

Customer Drawing

Number of contacts Low Voltage	5
Plug	Plug - Straight
Locking system	Push-pull
Jacket cable outside diameter [mm]	2.20 - 3.20 mm
Size	1S
Suggested matching part	ERA.1S.305.CLL PCA.1S.305.CLLC32Z
Series	S - Indoor Stepped Insert

Technical details

Electrical Configuration

Number of contacts Low Voltage	5
Contact Termination Low voltage	Solder
Insert configuration value	1S.305 - 2 (0.9 mm) + 3 (0.7 mm) Low Voltage
Footprint IPC Class3 compatibility	No
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated current	0.9 mm : 10 A, 0.7 mm : 7 A
Test voltage (kV DC)	2.1
Bucket Dia.	2x0.8 mm, 3x0.8 mm
Contact Dia.	2x0.9 mm, 3x0.7 mm
Wire Size/AWG details	0.9 mm : 22 (AWG max), 0.7 mm : 26 (AWG max)

Form & Material

Shell style / Model id	FFA - Straight plug, cable collet and nut for fitting a bend relief
Plug	Straight
Housing material	Brass (chrome plated [SAE AMS 2460]) shell and collet nut, nickel plated [SAE AMS QQ N 290] brass latch sleeve and mid pieces
Locking system	Push-pull
Keying	Hermaphroditic keying (half moon insert) with male pin 1
Colour	Grey
Variant	Nut for fitting a bend relief
Weight	14.76 g

Environment

Technical domain	Audio Video, Energy and Industrial, Semiconductor, Test and Measurement
Environmental sealing (IP rating)	IP50
Endurance	5000 mating cycles
Temperature range	-55°C / +250°C (max. temperature valid for short periods of use.)
Climatic Category	55/175/21
Humidity (max)	<=95% [at 60 deg C /140 F]
Shielding (min)	75 dB (10 MHz)
Shielding (min)	40 dB (1 GHz)
Shock Resistance	100 g [6 ms]
Vibration	15 g [10 Hz - 2000 Hz]
Salt Spray Corrosion	>1000 hr

Cable fixation

Cable termination protection	For cable bend relief
Fixation type	Cable collet
Jacket cable outside diameter [mm]	2.20 - 3.20 mm

Recommended By Lemo

Accessories

Compatible cap	BFG.1B.100.PCZG