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Summary

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Catalog

Customer Drawing

Number of contacts Low Voltage	2
Wire Size/AWG	34 - 28
Plug	Plug - Straight
Locking system	Threaded
Size	3
Suggested matching part	HRG.03.302.CLLPV

Technical details

Electrical Configuration

Number of contacts Low Voltage	2
Contact Termination Low voltage	Solder
R (max)	8.7 mOhm
Insert configuration value	3.302 - 2 Low Voltage
Rated current	5 A
Max. Solid Conductor	0.09 mm² (AWG 28)
Max. Stranded Conductor	0.05 mm² (AWG 30)
Bucket Dia.	0.4 mm (0.016in)
Contact Dia.	0.5 mm (0.02in)
Wire Size/AWG	34 - 28

Form & Material

Shell style / Model id	FVG - Straight plug with cable collet
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	Threaded
Keying	G: 1 key (alpha=0, Plug: male contacts, Receptacle: female contacts)
Weight	7.94 g

Environment

Environmental sealing (IP rating)	IP68
Temperature range	-20°C / +200°C (max. temperature valid for short periods of use.)
Climatic Category	20/200/21
Humidity (max)	<=95% [at 60 deg C /140 F]
Shielding (min)	100 dB (10 MHz)
Shielding (min)	80 dB (1 GHz)
Pressure	60 bars (120 bars with LEMO cable assembly)
Salt Spray Corrosion	>1000 hr

Cable fixation

Cable termination protection	Standard back nut (no additional protection)
Fixation type	Cable collet