

SUMMARY

Wires

Low voltage 7



Image is for illustrative purpose only

Series	0W
Termination type	Male solder
IP rating	68
AWG wire size	34.00 - 28.00
Cable Ø	4.10 - 4.50 mm
Status	active
Matching parts	HRG.0W.307.CLLPV

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TECHNICAL DETAILS

Mechanics

Shell Style/Model	FV*: Straight plug, cable collet
Keying	1 key (alpha=0; Plug: male contacts; Receptacle: female contacts)
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
Weight	19.16 g

Performance

Configuration	0W.307 : 7 Low Voltage
Insulator	
Rated Current	2.5 Amps

Specifications

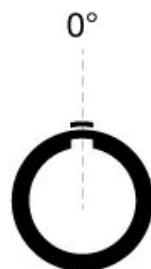
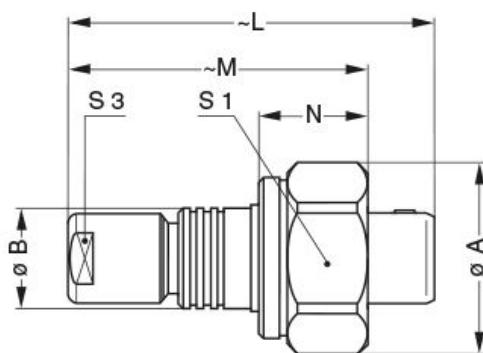
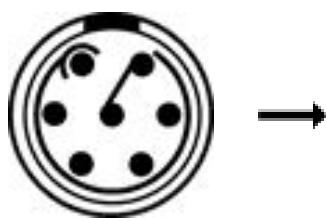
Contact Type:	Solder
Contact Dia.:	0.5 mm (0.02in)
Bucket Dia.:	0.45 mm (0.018in)
Max. Solid Conductor:	0.09 mm ² (AWG 28)
Max. Stranded Conductor:	0.09 mm ² (AWG 28)
R (max):	8.7 mOhm
Vtest (contact-contact):	800 V (AC) 1100 V (DC)
Vtest (contact-shell):	700 V (AC) 1000 V (DC)

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Others

Endurance (Shell): 1000 mating cycles
Temp (min / max): -20°C / +200°C
Humidity (max): <=95% [at 60 deg C /140 F]
Climatical Category: 20/200/21
Shielding (min): 95 dB (10 MHz)
Shielding (min): 80 dB (1 GHz)
Salt Spray Corrosion: >1000 hr
Pressure: 30 bars

DRAWINGS



Dimensions

	A	B	L	M	N	S1	S3
mm.	17.2	8.9	35.5	30.8	13.5	16	8
in.	0,68	0,35	1,40	1,21	0,53	0,63	0,31

RECOMMENDED BY LEMO

Tools

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Cables

CMN.07.T28.044PGZE		Grey	
CMN.07.T28.044PNZE			

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