

SUMMARY

Wires

Low voltage	2
High voltage	1



Image is for illustrative purpose only

Series	1K
Termination type	Female solder Hybrid
IP rating	68
AWG wire size	28.00 - 20.00
Cable Ø	0.00 - 0.00 mm
Status	active
Matching parts	FGG.1K.702.CJAC50

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TECHNICAL DETAILS

Mechanics

Shell Style/Model	EG*: Fixed receptacle, nut fixing
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	19.25 g

Performance

Configuration	1K.702 : 1 High V. 2 Low V.
Insulator	J: PEEK/PEEK
Rated Current	12 Amps

Specifications

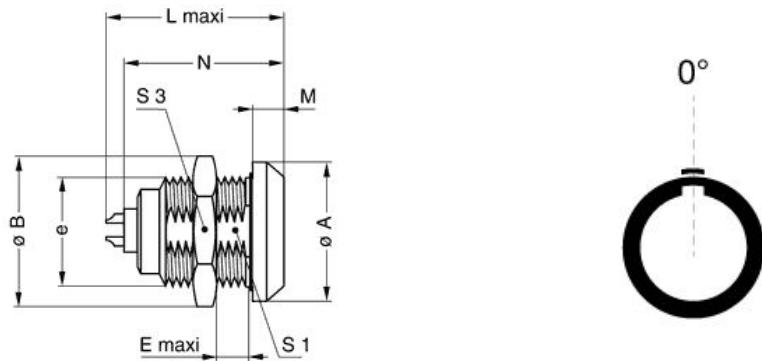
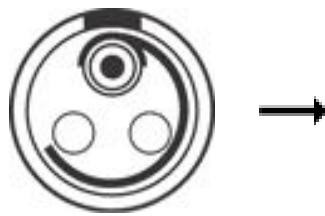
Contact Type:	Solder
Test voltage HV Ue (kV dc)	7.5
Test voltage HV Ue (kV rms)	5.3
Rated current HV (A)	2
Test voltage LV cont-cont sold.(kV rms)	1.2
Test voltage LV cont-shell sold.(kV rms)	0.9
Rated current LV (A)	8

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Others

Endurance (Shell): 5000 mating cycles
Temp (min / max): -55°C / +200°C
Humidity (max): <=95% [at 60 deg C /140 F]
Vibration: 15 g [10 Hz - 2000 Hz]
Shock Resistance: 100 g [6 ms]
Climatical Category: 50/175/21
Shielding (min): 95 dB (10 MHz)
Shielding (min): 80 dB (1 GHz)
Salt Spray Corrosion: >1000 hr

DRAWINGS



Dimensions

	A	B	E	L	M	N	S1	S3	e
mm.	20	21.5	9	27	4.5	25.1	14.5	19	M16x1.0
in.	0,79	0,85	0,35	1,06	0,18	0,99	0,57	0,75	

RECOMMENDED BY LEMO

Tools

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