

## SUMMARY



Image is for illustrative purpose only

### # Wires

Low voltage 8

Series	1K
Termination type	Male solder
IP rating	68
AWG wire size	30.00 - 22.00
Cable Ø	5.10 - 5.50 mm
Status	active
Matching parts	<a href="#">EGG.1K.308.CLL</a>

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## TECHNICAL DETAILS

### Mechanics

Shell Style/Model	FP*: Elbow (90°) plug with 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	33.20 g

### Performance

Configuration	1K.308 : 8 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated Current	5 Amps

### Specifications

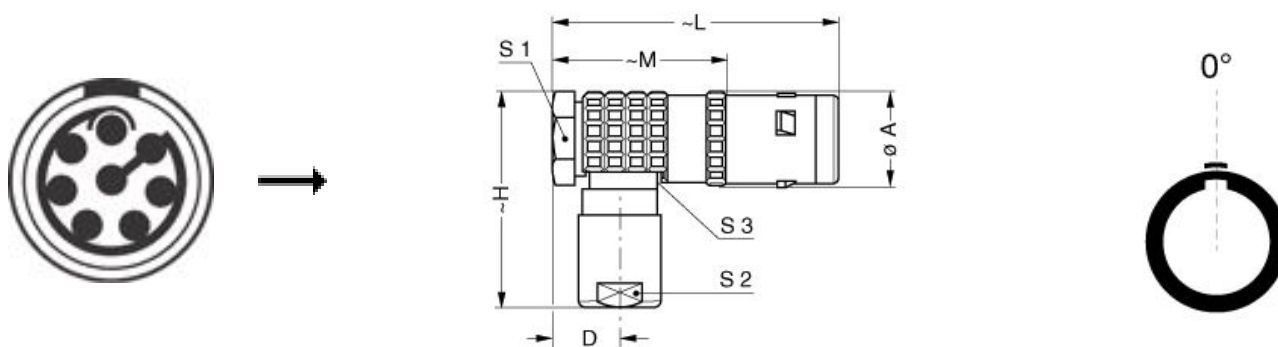
Contact Type: Solder  
Contact Dia.: 0.7 mm (0.028in)  
Bucket Dia.: 0.8 mm (0.031in)  
Max. Stranded Conductor: 0.34 mm<sup>2</sup> (AWG 22)  
Max. Conductor: 0.34 mm<sup>2</sup> (AWG 22)  
R (max): 6.1 mOhm  
Vtest (contact-shell): 1150 V (AC), 1630 V (DC)  
Vtest (contact-contact): 950 V (AC), 1340 V (DC)

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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	D	H	L	M	S1	S2	S3
mm.	13	8.7	33	42	28	11	9	10
in.	0,51	0,34	1,30	1,65	1,10	0,43	0,35	0,39

## RECOMMENDED BY LEMO

### Tools

Spanner wrench: [DCD.1E.008.PA090](#)

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## Cables

108240	PTFE	White	
108260	PTFE	White	
8280	PVC	Black	

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