

SUMMARY

Wires

Low voltage 8



Image is for illustrative purpose only

Series	2K
Termination type	Male solder
IP rating	68
AWG wire size	30.00 - 22.00
Cable Ø	6.10 - 6.50 mm
Status	obsolete
Alternative part	FPG.2K.308.CLAC65
Matching parts	EGG.2K.308.CLL

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TECHNICAL DETAILS

Mechanics

Shell Style/Model	FH*: Elbow 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	62.15 g

Performance

Configuration	2K.308 : 8 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated Current	10 Amps

Specifications

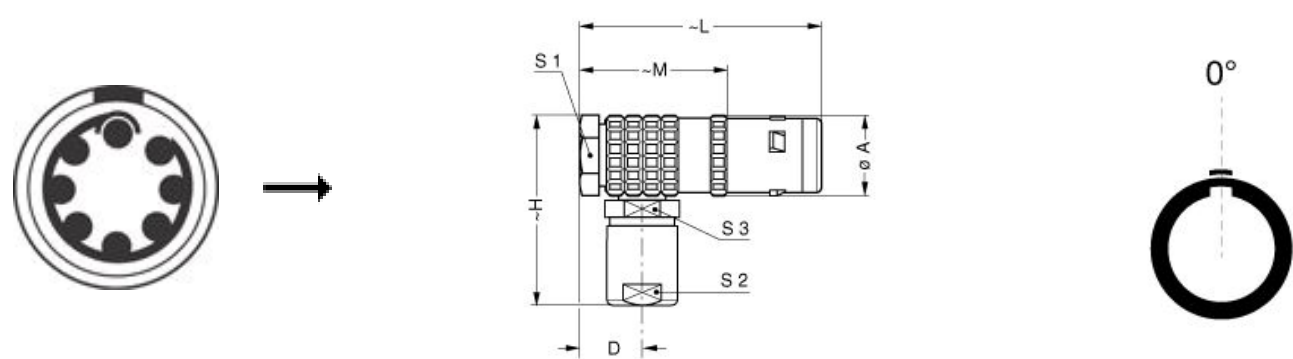
Contact Type: Solder
 Contact Dia.: 0.9 mm (0.035in)
 Bucket Dia.: 0.8 mm (0.031in)
 Max. Solid Conductor: 0.34 mm² (AWG 22)
 Max. Stranded Conductor: 0.34 mm² (AWG 22)
 R (max): 4.8 mOhm
 Vtest (contact-shell): 1250 V (AC), 1770 V (DC)
 Vtest (contact-contact): 1500 V (AC), 2150 V (DC)

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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.	17.5	10.5	40	51	35	15	12	13
in.	0,69	0,41	1,57	2,01	1,38	0,59	0,47	0,51





RECOMMENDED BY LEMO

Tools

Spanner wrench: [DCD.2E.020.PA120](#)

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Cables

180240	PVC	Black	
280250	PVC	Grey	
335990	PVC	Black	
335991	PVC	Black	

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