

SUMMARY

Wires

Low voltage 7



Image is for illustrative purpose only

Series	0K
Termination type	Female solder
IP rating	68
AWG wire size	34.00 - 28.00
Cable Ø	0.00 - 0.00 mm
Status	active
Matching parts	FGG.0K.307.CLAC45Z

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TECHNICAL DETAILS

Mechanics

Shell Style/Model	EE*: Fixed receptacle, nut fixing (back panel mounting)
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	11.79 g

Performance

Configuration	0K.307 : 7 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated Current	2.5 Amps

Specifications

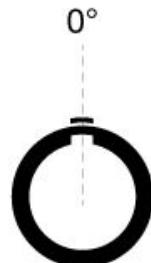
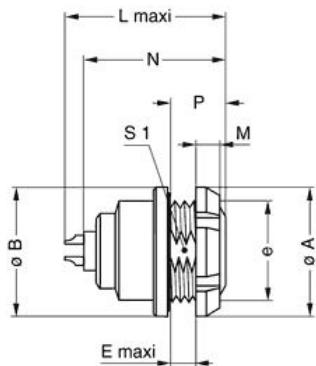
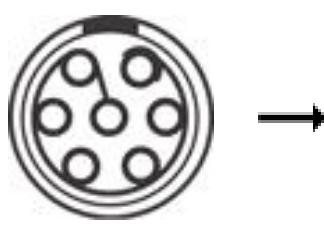
Contact Type:	Solder
Contact Dia.:	0.5 mm (0.02in)
Bucket Dia.:	0.45 mm (0.018in)
Max. Solid Conductor:	0.09 mm ² (AWG 28)
Max. Stranded Conductor:	0.09 mm ² (AWG 28)
R (max):	8.7 mOhm
Vtest (contact-shell):	700 V (AC), 990 V (DC)
Vtest (contact-contact):	800 V (AC), 1130 V (DC)

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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	B	E	L	M	N	P	S1	e
mm.	18	18	3.4	21.7	3.5	20.1	7	12.5	M14x1.0
in.	0,71	0,71	0,13	0,85	0,14	0,79	0,28	0,49	

RECOMMENDED BY LEMO

Tools

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Cables

CMN.07.T28.044PGZE		Grey	
CMN.07.T28.044PNZE			
7041	PVC	Grey	
7050	PVC	Black	
717920	PVC	Grey	
CTR.75.030.121875G	PVC	Grey	

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