

## SUMMARY

### # Wires

Low voltage 16



*Image is for illustrative purpose only*

Series 5K  
Termination type Male crimp  
IP rating 68  
AWG wire size 16.00 - 12.00  
Cable Ø 22.60 - 23.50 mm  
Status active

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## TECHNICAL DETAILS

### Mechanics

Shell Style/Model PK\*: Fixed receptacle, nut fixing, cable collet  
Keying  
Housing Material Special housing (see notes for details)  
Variant E : Gasket and O-ring in EPDM

### Performance

Configuration 5K.316 : 16 Low Voltage  
Insulator L: PEEK (UL 94 / V-0/1.5)  
Rated Current 12 Amps

### Specifications

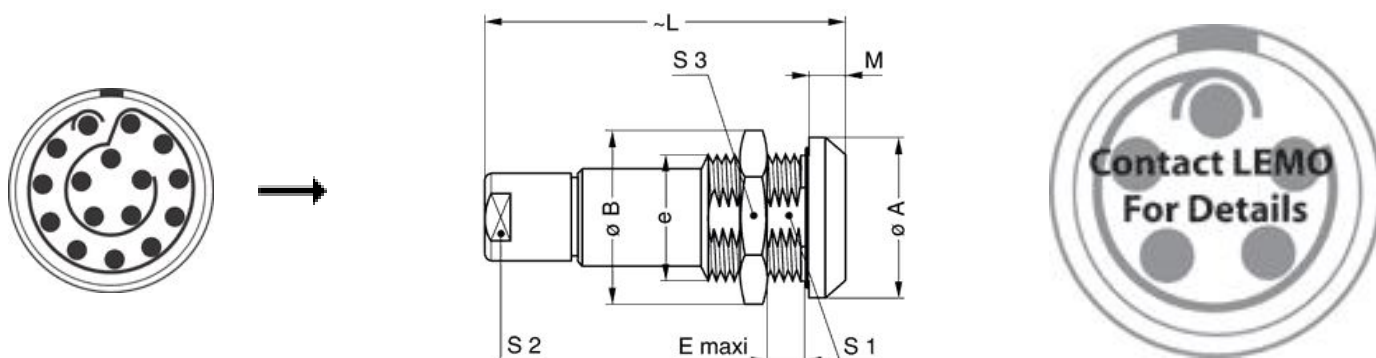
Contact Type: Crimp  
Contact Retention: 65 N  
Contact Dia.: 2 mm (0.079in)  
Bucket Dia.: 2.4 mm (0.094in)  
Min. Conductor: 1.5 mm<sup>2</sup> (AWG 16)  
Max. Conductor: 2.5 mm<sup>2</sup> (AWG 12)  
R (max): 3.3 mOhm  
Vtest (contact-shell): 3050 V (AC), 4310 V (DC)  
Vtest (contact-contact): 2450 V (AC), 3470 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)

## DRAWINGS



## Dimensions

	A	B	E	L	M	S1	S2	e
mm.	55	54	15	98	9	42.5	30	M45x1.5
in.	2,17	2,13	0,59	3,86	0,35	1,67	1,18	

## RECOMMENDED BY LEMO

### Tools

Crimp Tool: [DPC.91.101.A](#)

Crimp settings: AWG/Selector = 12-14-16/8-7-6

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Positionner: [DCE.91.205.BVCM](#)

Extractor: [DCC.91.202.5LA](#)

Replacement contact: FGG.5B.575.ZZC

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