

## SUMMARY

### # Wires

Low voltage 20



*Image is for illustrative purpose only*

Series 4K  
Termination type Male crimp  
IP rating 68  
AWG wire size 26.00 - 22.00  
Cable Ø 8.60 - 9.00 mm  
Status active

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## TECHNICAL DETAILS

### Mechanics

Shell Style/Model FG\*: Straight plug, cable collet

#### Keying

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 140.65 g

### Performance

Configuration 4K.320 : 20 Low Voltage

Insulator Y: PEEK for crimp contacts

Rated Current 8 Amps

### Specifications

Contact Type: Crimp  
Contact Retention: 30 N  
Contact Dia.: 0.9 mm (0.035in)  
Bucket Dia.: 0.8 mm (0.031in)  
Min. Conductor: 0.14 mm<sup>2</sup> (AWG 26)  
Max. Conductor: 0.34 mm<sup>2</sup> (AWG 22)  
R (max): 4.8 mOhm  
Vtest (contact-shell): 950 V (AC), 1340 V (DC)

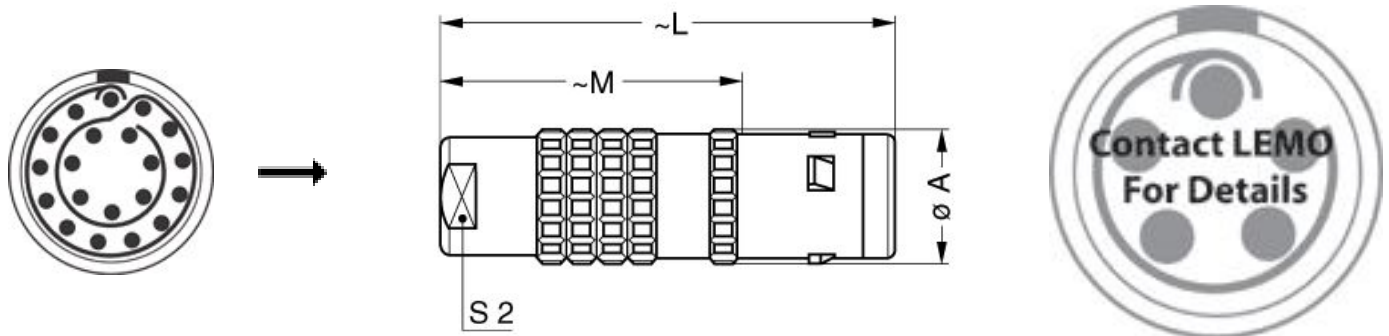
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Vtest (contact-contact): 1050 V (AC), 1490 V (DC)

## 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	L	M	S2
mm.	25	71	50.5	19
in.	0,98	2,80	1,99	0,75

## RECOMMENDED BY LEMO

### Tools

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Crimp Tool: [DPC.91.701.V](#)  
Crimp settings: AWG/Selector = 22-24-26/6-5-5  
Positionner: [DCE.91.094.BVC](#)  
Extractor: [DCF.91.093.5LT](#)  
Replacement contact: FGG.4B.561.ZZC  
Spanner wrench: [DCD.4E.050.PA190](#)

## Cables

420250	PVC	Grey	
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