

## SUMMARY

### # Wires

Low voltage 12



*Image is for illustrative purpose only*

Series 2K  
Termination type Female crimp  
IP rating 68  
AWG wire size 26.00 - 22.00  
Cable Ø 7.10 - 7.50 mm  
Status active

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## TECHNICAL DETAILS

### Mechanics

Shell Style/Model PE\*: Fixed receptacle, nut fixing, cable collet (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 59.79 g

### Performance

Configuration 2K.312 : 12 Low Voltage  
Insulator Y: PEEK for crimp contacts  
Rated Current 7 Amps

### Specifications

Contact Type: Crimp  
Contact Retention: 22 N  
Contact Dia.: 0.7 mm (0.028in)  
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): 6.1 mOhm  
Vtest (contact-shell): 2000 V (AC), 2850 V (DC)

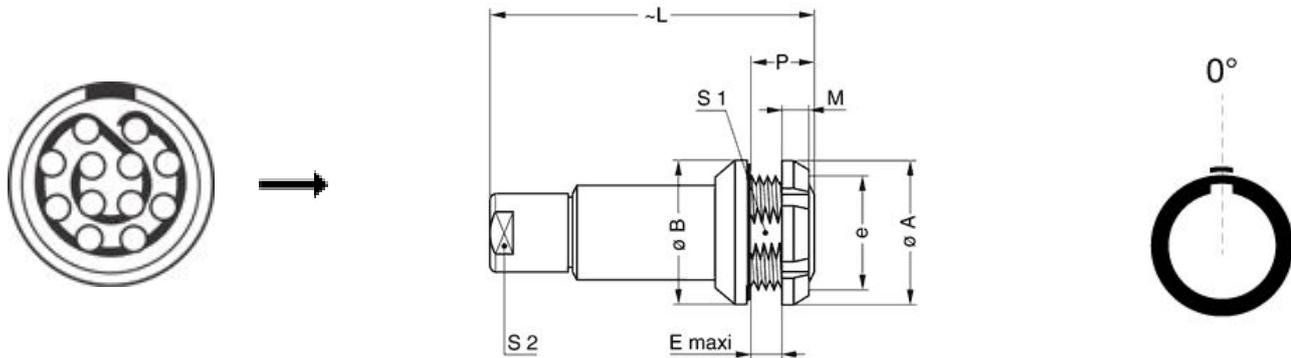
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Vtest (contact-contact): 1650 V (AC), 2350 V (DC)

## 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	B	E	L	M	P	S1	S2	e
mm.	25	25	4	54	3.5	7.5	18.5	12	M20x1.0
in.	0,98	0,98	0,16	2,13	0,14	0,30	0,73	0,47	

## 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.91.072.BVM](#)  
 Extractor: [DCF.91.070.2LT](#)  
 Replacement contact: EGG.2B.655.ZZM  
 Spanner wrench: [DCD.2E.020.PA120](#)

## Cables

124084	PVC	Black	
212240	PVC	Black	
212250	PVC	Grey	

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