

## SUMMARY

### # Wires

Low voltage 30



*Image is for illustrative purpose only*

Series 3B  
Termination type Female crimp  
IP rating 50  
AWG wire size 26.00 - 22.00  
Cable Ø 10.80 - 11.90 mm  
Status active

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## TECHNICAL DETAILS

### Mechanics

Shell Style/Model FH\*: Elbow plug, cable collet  
Keying 2 keys (alpha=52.5, plug: female contacts, receptacle: male 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 68.83 g

### Performance

Configuration 3B.330 : 30 Low Voltage  
Insulator Y: PEEK for crimp contacts  
Rated Current 3.5 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): 1200 V (AC), 1700 V (DC)

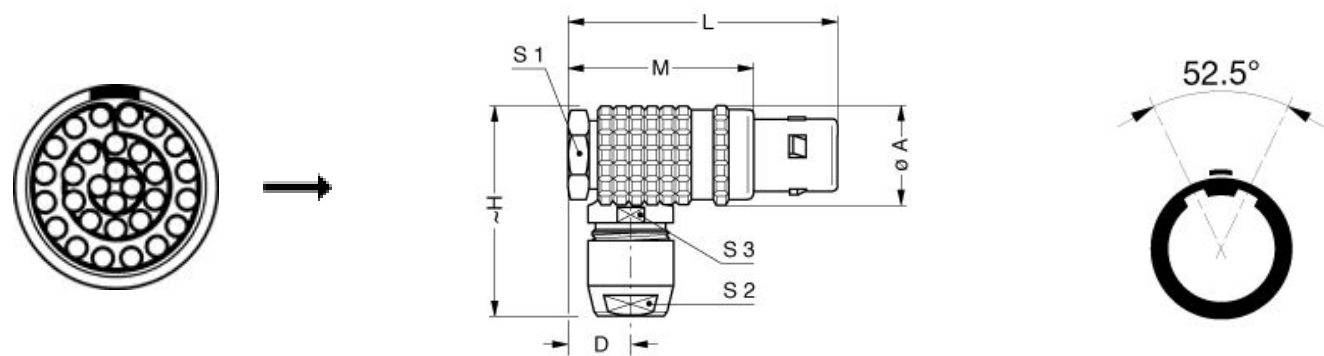
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Vtest (contact-contact): 1350 V (AC), 1910 V (DC)

Others

- Endurance (Shell): 5000
- Temp (min / max): -55°C / +250°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): 75 dB (10 MHz)
- Shielding (min): 40 dB (1 GHz)
- Salt Spray Corrosion: >1000 hr

DRAWINGS



Dimensions

	A	D	H	L	M	S1	S2	S3
mm.	19	10	37	50	35	17	14	15
in.	0,75	0,39	1,46	1,97	1,38	0,67	0,55	0,59

RECOMMENDED BY LEMO

Tools

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Crimp Tool:	<a href="#">DPC.91.701.V</a>
Crimp settings:	AWG/Selector = 22-24-26/6-5-5
Positionner:	<a href="#">DCE.91.073.BVM</a>
Extractor:	<a href="#">DCC.07.04B.LAG</a>
Replacement contact:	EGG.3B.655.ZZM
Spanner wrench:	<a href="#">DCD.3B.ZZZ.PA140</a>

Cables

430250	PVC	Grey	
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