

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 6.30 - 7.70 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 63.23 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 mm² (AWG 26)
Max. Conductor: 0.34 mm² (AWG 22)
R (max): 6.1 mOhm
Vtest (contact-shell): 1200 V (AC), 1700 V (DC)

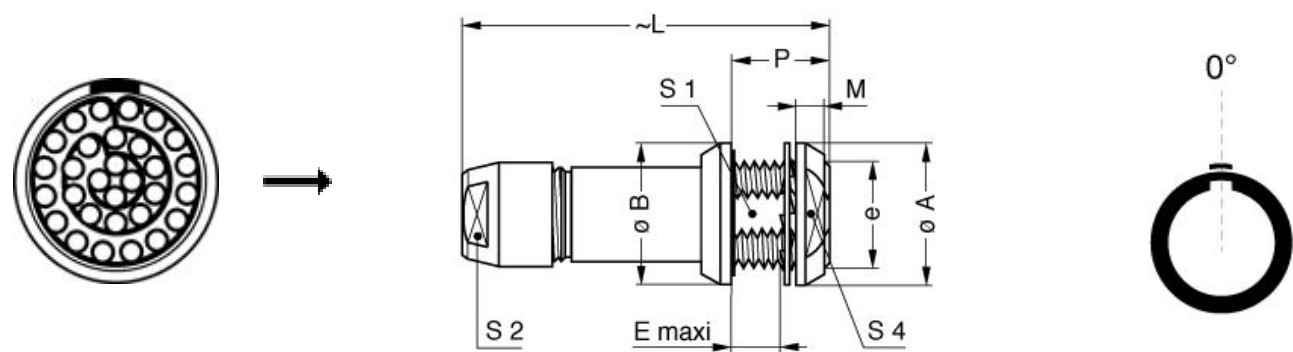
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Vtest (contact-contact): 1350 V (AC), 1910 V (DC)

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	B	E	L	M	P	S1	S2	S4	e
mm.	24	25	5	56	4.5	12	16.5	14	20	M18x1.0
in.	0,94	0,98	0,20	2,20	0,18	0,47	0,65	0,55	0,79	

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.91.073.BVM
Extractor:	DCF.92.070.3LT
Replacement contact:	EGG.3B.655.ZZM
Spanner wrench:	DCD.3B.040.PA140

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