

SUMMARY

Wires

Low voltage 8



Image is for illustrative purpose only

Series	2B
Termination type	Male solder
IP rating	50
AWG wire size	30.00 - 22.00
Cable Ø	0.00 - 0.00 mm
Status	active
Matching parts	ENY.2B.308.PLLB

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TECHNICAL DETAILS

Mechanics

Shell Style/Model	FGY*: Straight plug, cable collet and PSU or PPSU outer shell
Keying	3 keys (beta=112.5, gamma=100, plug: male contacts, receptacle: female contacts)
Housing Material	PSU (Polysulfone) shell and collet nut, nickel plated [SAE AMS QQ N 290] brass latch sleeve and mid pieces
Variant	BZ : White nut for bend relief
Weight	21.77 g

Performance

Configuration	2B.308 : 8 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated Current	10 Amps

Specifications

Contact Type: Solder
Contact Dia.: 0.9 mm (0.035in)
Bucket Dia.: 0.8 mm (0.031in)
Max. Solid Conductor: 0.34 mm² (AWG 22)
Max. Stranded Conductor: 0.34 mm² (AWG 22)
R (max): 4.8 mOhm

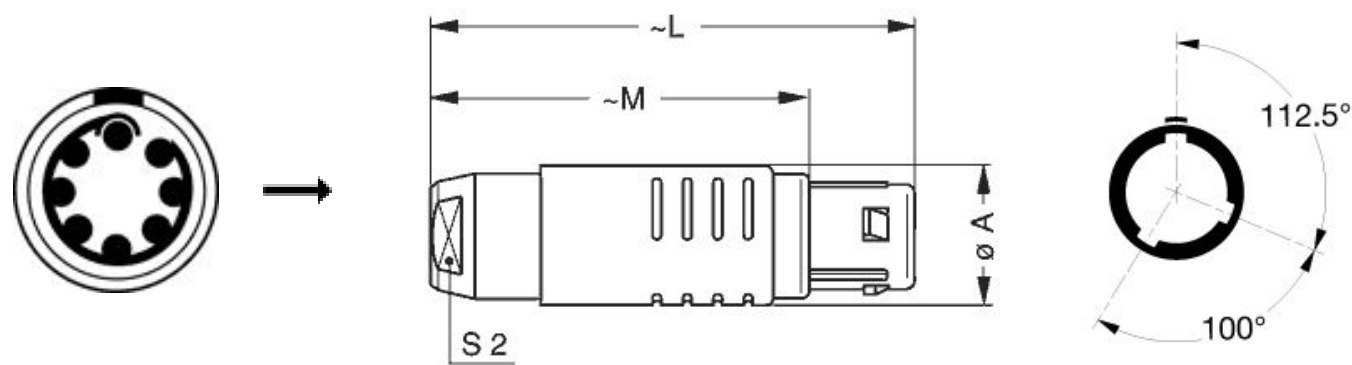
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Vtest (contact-shell): 1250 V (AC), 1770 V (DC)
Vtest (contact-contact): 1500 V (AC), 2120 V (DC)

Others

- Endurance (Shell): 5000
- Temp (min / max): -50°C / +150°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)

DRAWINGS



Dimensions

	A	L	M	S2
mm.	16.5	50.5	39.5	13
in.	0,65	1,99	1,56	0,51

RECOMMENDED BY LEMO

Tools

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Spanner wrench:

[DCD.2B.025.PA120](#)

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