

## SUMMARY

### # Wires

Low voltage 22



Image is for illustrative purpose only

Series	SP
Termination type	Female solder
IP rating	50
AWG wire size	36.00 - 28.00
Cable Ø	6.60 - 7.50 mm
Status	Active
Matching parts	<a href="#">SRS.M22.GLA.7GZ</a>

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## TECHNICAL DETAILS

### Mechanics

Shell Style/Model	SA/Z*: Straight plug, key (N) or keys (P, S and T), with cable collet and nut for fitting a bend relief
Keying	3 keys (alpha=0, gamma=50, plug: female contacts, receptacle: male contacts)
Housing Material	Proprietary sulfone, gray
Variant	GZ : Gray collet nut for bend relief
Weight	7.74 g

### Performance

Configuration	SP.M22 : 22 Low V.
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated Current	2.0 Amps

### Specifications

Contact Type: Solder  
Contact Dia.: 0.5 mm (0.0196in)  
Bucket Dia.: 0.45 mm (0.0177in)  
Max. Solid Conductor: 0.12 mm<sup>2</sup> (AWG 28)  
Max. Stranded Conductor: 0.12 mm<sup>2</sup> (AWG 28)  
R (max): 8.5 mOhm

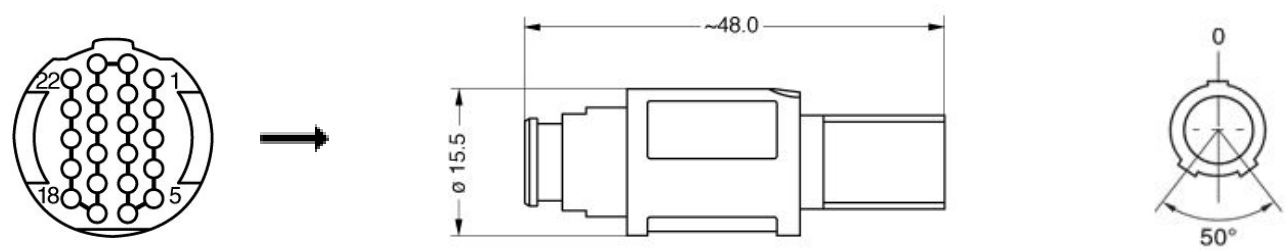
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Test voltage (kV rms) Contact-contact: 0.60  
Air clearance min.: 0.48 mm  
Creepage distance min.: 0.48 mm

Others

Endurance (Shell): >2000 mating cycles  
Temp (min / max): -50°C / +170°C

DRAWINGS



Dimensions

	A	L
mm.	15.5	48
in.	0,61	1,89

RECOMMENDED BY LEMO

Tools

Crimp Tool: [DPC.91.701.V](#)

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