

## SUMMARY

### # Wires

Low voltage 6



*Image is for illustrative purpose only*

Series	SP
Termination type	Male solder
IP rating	50
AWG wire size	26.00 - 22.00
Cable Ø	4.00 - 5.20 mm
Status	active
Matching parts	<a href="#">SRN.M06.GLL.5G</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=30, plug: male contacts, receptacle: female contacts)
Housing Material	Proprietary sulfone, gray
Variant	GZ : Gray collet nut for bend relief
Weight	6.37 g

### Performance

Configuration	SP.M06 : 6 Low V.
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated Current	8.5 Amps

### Specifications

Contact Type:	Solder
Contact Dia.:	1.3 mm (0.0512in)
Bucket Dia.:	1.1 mm (0.04in)
Min. Conductor:	0.36 mm <sup>2</sup> (AWG 22)
Max. Conductor:	1 mm <sup>2</sup> (AWG 18)
Test voltage (kV rms) Contact-contact:	1.50

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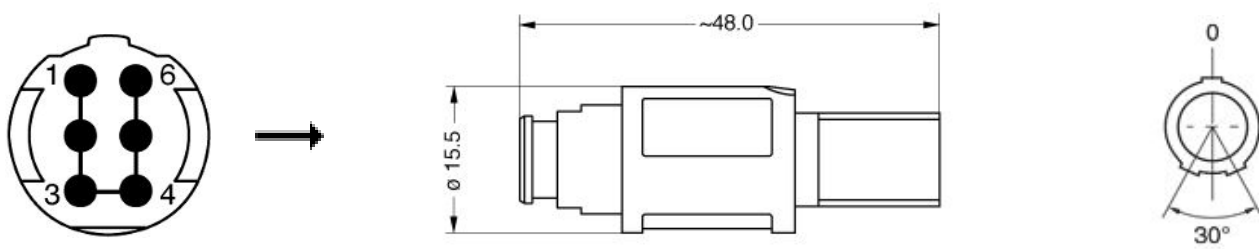
Air clearance min.: 1.2 mm  
Creepage distance min.: 1.2 mm

## Others

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

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## DRAWINGS



## Dimensions

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

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## RECOMMENDED BY LEMO

### Tools


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

### Cables

CMN.06.T28.042QBCE	TPR (medical)		
CMN.06.T28.044PGZE		Grey	

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CMN.06.T28.044PNZE			
106240	PTFE	White	
160140	PVC	Grey	
160260	PVC	Black	
60260	PTFE	White	
6280	PVC	Black	

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