

## SUMMARY

### # Wires

Low voltage 6



*Image is for illustrative purpose only*

Series 1P  
Termination type Female print PCB  
IP rating 50  
AWG wire size 26.00 - 22.00  
Cable Ø 0.00 - 0.00 mm  
Status active

### Download

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## TECHNICAL DETAILS

### Mechanics

Shell Style/Model PP\*: Elbow receptacle key (G) or keys (A,B,C) for printed circuit  
Keying 1 key (alpha=0; Plug: male contact; Receptacle: female contact)  
Housing Material PSU (Polysulfone), black  
Weight 5.70 g

### Performance

Configuration 1P.M06 : 6 Low Voltage  
Insulator G: PSU gray  
Rated Current 6 Amps

### Specifications

Contact Type: Print (straight)  
Contact Dia.: 0.7 mm (0.0275in)  
R (max): 6.5 mOhm  
Test voltage (kV rms) Contact-contact: 1.05  
Air clearance min.: 0.85 mm  
Creepage distance min.: 0.85 mm

### Others

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Endurance (Shell): >2000 mating cycles  
Temp (min / max): -50°C / +150°C  
F ret (min): 50 N  
F ret (max): 150 N  
Steam sterilization: > 100 times (with potting on rear connection)

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## DRAWINGS



### Dimensions

	A	B	H	L	M
mm.	13.4	15.9	17.5	30.2	14.8
in.	0,53	0,63	0,69	1,19	0,58

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## RECOMMENDED BY LEMO

### Tools

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