

## SUMMARY

### # Wires

Low voltage 12



*Image is for illustrative purpose only*

Series 2P  
Termination type Male solder  
IP rating 50  
AWG wire size 30.00 - 22.00  
Cable Ø 3.20 - 5.20 mm  
Status active  
Matching parts [CKB.M12.GLLG](#)

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## TECHNICAL DETAILS

### Mechanics

Shell Style/Model CA\*: Straight plug with cable collet  
Keying 3 keys (alpha=0, gamma=60; Plug: male contacts; Receptacle: female contacts)  
Housing Material PSU (Polysulfone), gray  
Weight 8.12 g

### Performance

Configuration 2P.M12 : 12 Low V.  
Insulator L: PEEK for solder contacts  
Rated Current 7 Amps

### Specifications

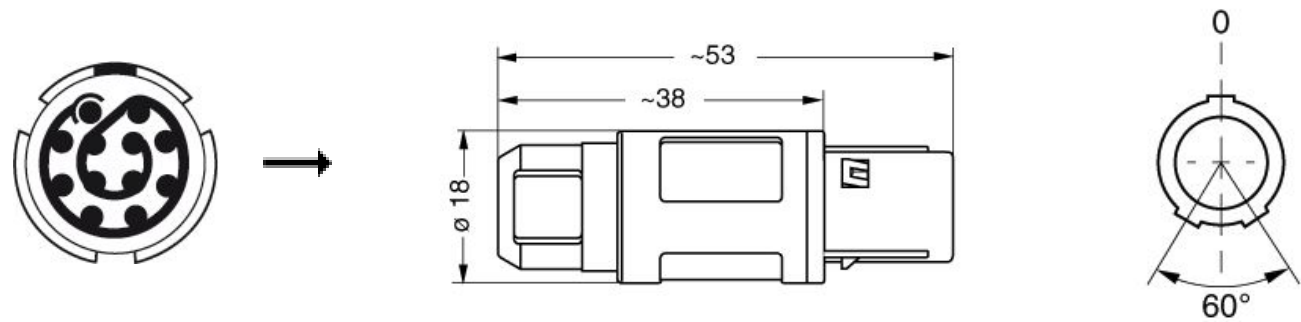
Contact Type: Solder  
Contact Dia.: 0.7 mm (0.027in)  
Bucket Dia.: 0.8 mm (0.031in)  
Test voltage (kV rms) Contact-contact: 1.25  
Air clearance min.: 0.85 mm  
Creepage distance min.: 0.85 mm

### Others

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Endurance (Shell): >1000 mating cycles  
Temp (min / max): -50°C / +150°C  
F ret (min): 150 N  
F ret (max): 250 N  
Steam sterilization: 20 times (with potting on rear connection)

## DRAWINGS



## RECOMMENDED BY LEMO

### Tools

### Cables

12050	PVC	Black	
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