

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 and nut for fitting a bend relief
Keying 3 keys (alpha=0, gamma=60; Plug: male contacts; Receptacle: female contacts)
Housing Material PSU (Polysulfone), gray
Weight 8.57 g

Performance

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

Specifications

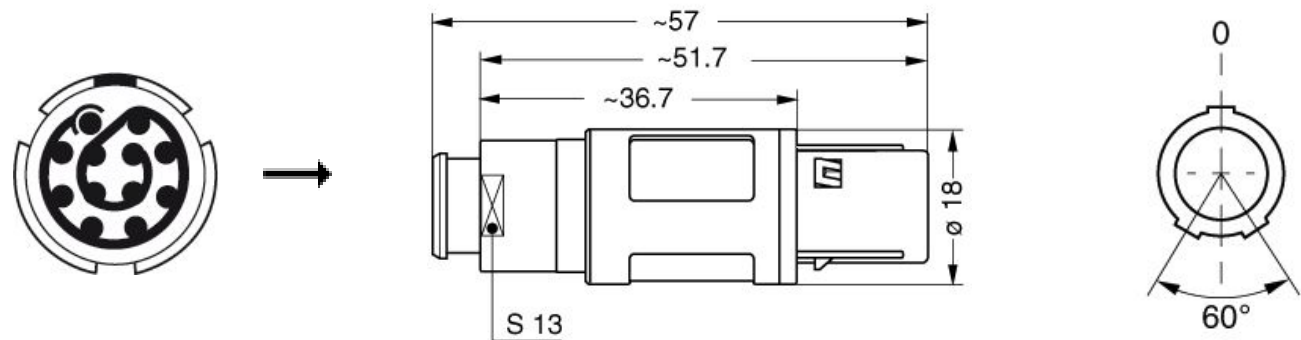
Contact Type: Solder
Contact Dia.: 0.7 mm (0.027in)
Bucket Dia.: 0.8 mm (0.031in)
Test voltage (kV rms) Contact-contact: 1.25
Air clearance min.: 0.85 mm
Creepage distance min.: 0.85 mm

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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