

## SUMMARY



Image is for illustrative purpose only

### # Wires

Low voltage 5

Series 1P  
Termination type Female solder  
IP rating 50  
AWG wire size 0.00 - 22.00  
Cable Ø 1.70 - 6.50 mm  
Status active

### Download

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## TECHNICAL DETAILS

### Mechanics

Shell Style/Model PK\*: Fixed receptacle with two nuts (back panel mounting)  
Keying 2 keys (alpha=40; Plug: male contacts; Receptacle: female contacts)  
Housing Material PEI (Polyetherimide), grey  
Variant R : Red front nut  
Weight 4.89 g

### Performance

Configuration 1P.M05 : 5 Low Voltage  
Insulator L: PEEK (UL 94 / V-0/1.5)  
Rated Current 7 Amps

### Specifications

Contact Type: Solder  
Contact Dia.: 0.9 mm (0.0354in)  
Bucket Dia.: 0.8 mm (0.031in)  
Max. Solid Conductor: 0.34 mm<sup>2</sup> (AWG 22)  
Max. Stranded Conductor: 0.34 mm<sup>2</sup> (AWG 22)  
R (max): 4.5 mOhm  
Test voltage (kV rms) Contact-contact: 1.05

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Air clearance min.: 0.8 mm  
Creepage distance min.: 0.8 mm

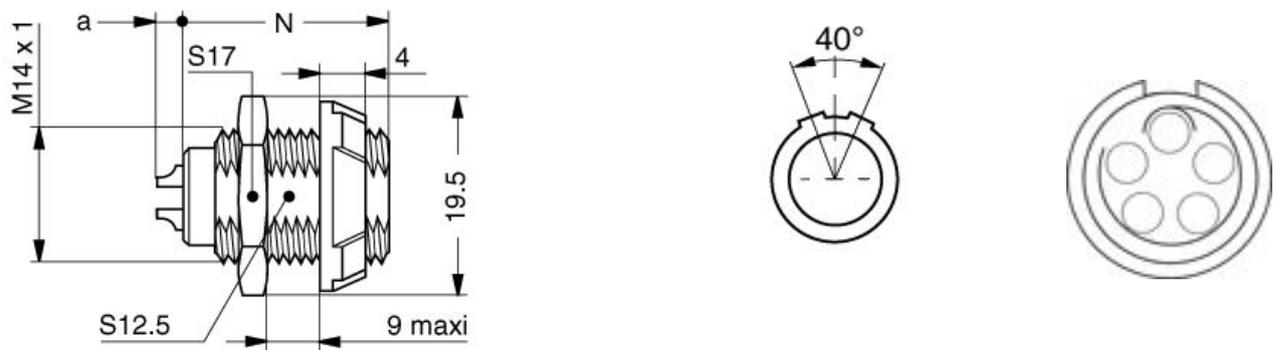
## Others

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

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# DRAWINGS

## Draws



## Dimensions

	A	N	a
mm.	19.5	20.5- 22.2	0-4.5
in.	0.77	0.81	0.00

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# RECOMMENDED BY LEMO

## Tools

## Cables

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CMN.05.T22.051PGCE	PVC	GREY	
CMN.05.T22.051PNCE	PVC	Black	
CMN.05.T22.051QGZE	TPR (medical)	Grey	
CMN.05.T28.029PGCE	PVC	GREY	
CMN.05.T22.051PGZE		Grey	
CMN.05.T22.051PNZE			
CMN.05.T28.029PGZE		Grey	
CMN.05.T28.029PNCE	PVC	Black	
CMN.05.T28.029PNZE			
005 050	PVC	Black	
050 090	PVC	Black	
050 140	PVC	Grey	
150 250	PVC	Grey	

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