

## SUMMARY

### # Wires

Low voltage	18
High voltage	1



*Image is for illustrative purpose only*

Series	3K
Termination type	Female solder Hybrid
IP rating	68
AWG wire size	0.00 - 0.00
Cable Ø	8.60 - 9.00 mm
Status	active

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## TECHNICAL DETAILS

### Mechanics

Shell Style/Model	PE*: Fixed receptacle, nut fixing, cable adapter, with bend relief nut (back panel mounting)
Keying	1 key (alpha=0, plug: male contacts, receptacle: female contacts)
Housing Material	Brass (chrome plated [SAE AMS 2460]) shell and collet nut, nickel plated [SAE AMS QQ N 290] brass latch sleeve and mid pieces
Variant	Z : Nut for fitting a bend relief
Weight	108.56 g

### Performance

Configuration	3K.718 : 1 High V. 18 Low V.
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated Current	6 Amps

### Specifications

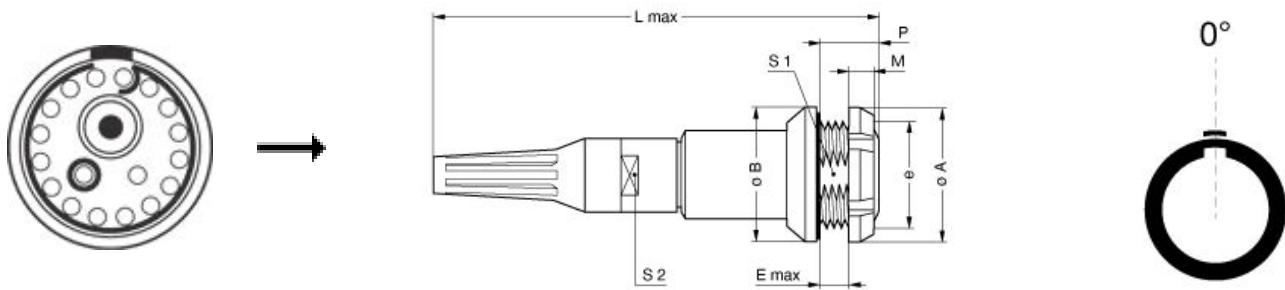
Contact Type: Solder  
Test voltage HV Ue (kV rms) 5.25  
Working voltage LV Ue (kV rms) 0.4  
Air clearance min.: 6.31 mm

### Others

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Endurance (Shell): 5000 mating cycles  
 Temp (min / max): -55°C / +200°C  
 Humidity (max): <=95% [at 60 deg C / 140 F]  
 Vibration: 15 g [10 Hz - 2000 Hz]  
 Shock Resistance: 100 g [ 6 ms]  
 Climatical Category: 50/175/21  
 Shielding (min): 95 dB (10 MHz)  
 Shielding (min): 80 dB (1 GHz)  
 Salt Spray Corrosion: >1000 hr

## DRAWINGS



### Dimensions

	A	B	E	L	M	P	S1	S2	e
mm.	30	31	7.5	107	4.5	12	22.5	15	M24x1.0
in.	1,18	1,22	0,30	4,21	0,18	0,47	0,89	0,59	

## RECOMMENDED BY LEMO

### Tools

Spanner wrench: [DCD.3E.030.PA150](#)

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