

## SUMMARY

### # Wires

Low voltage 5



*Image is for illustrative purpose only*

Series	0T
Termination type	Female crimp
IP rating	68
AWG wire size	26.00 - 22.00
Cable Ø	4.60 - 5.00 mm
Status	active
Alternative part	<a href="#">PHG.0T.305.KYMK50Z</a>
Matching parts	<a href="#">FGG.0T.305.KYCC50Z</a>

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## TECHNICAL DETAILS

### Mechanics

Shell Style/Model	PH*: Free receptacle, cable collet and nut for fitting a bend relief
Keying	1 key (alpha=0, plug: male contacts, receptacle: female contacts)
Housing Material	Brass (black chrome) 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	23.33 g

### Performance

Configuration	T.305 : 5 Low Voltage
Insulator	Y: PEEK for crimp contacts
Rated Current	6.5 Amps

### Specifications

Contact Type: Crimp  
Contact Retention: 22 N  
Contact Dia.: 0.7 mm (0.028in)  
Bucket Dia.: 0.8 mm (0.031in)  
Min. Conductor: 0.14 mm<sup>2</sup> (AWG 26)  
Max. Conductor: 0.34 mm<sup>2</sup> (AWG 22)

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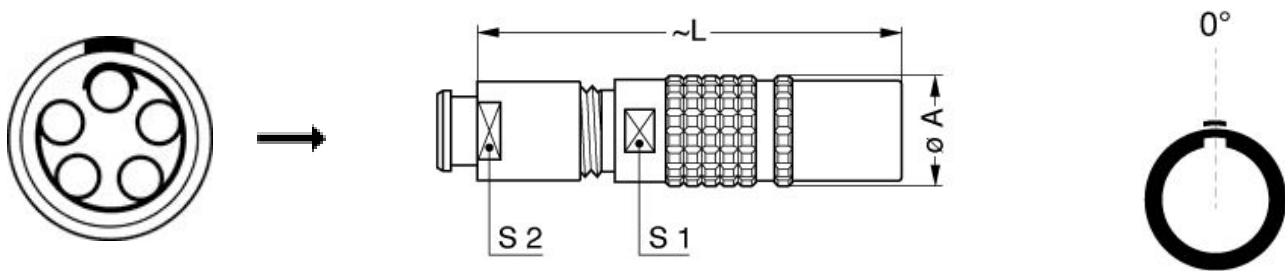
R (max): 6.1 mOhm  
Vtest (contact-shell): 1200 V (AC), 1700 V (DC)  
Vtest (contact-contact): 1250 V (AC), 1770 V (DC)

## Others

Endurance (Shell): >3000 mating cycles  
Temp (min / max): -55°C / +200°C  
Humidity (max): <=95% [at 60 deg C / 140 F]  
Resistance to vibration: 15 g [10 Hz - 2000 Hz]  
Shock Resistance: 100 g [ 6 ms]  
Climatical Category: 50/175/21  
Shielding efficiency (min): 75 dB (at 10 MHz)  
Shielding efficiency (min): 40 dB (at 1 GHz)  
Salt Spray Corrosion: >1000 hr

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## DRAWINGS



## Dimensions

	A	L
mm.	9	37
in.	0,35	1,46

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## RECOMMENDED BY LEMO

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## Tools

Crimp Tool: [DPC.91.701.V](#)  
Crimp settings: AWG/Selector = 22-24-26/6-5-5  
Positionner: [DCE.91.070.BVM](#)  
Extractor: [DCF.92.070.3LT](#)  
Replacement contact: EGG.0B.655.ZZM

## Cables

50140	PVC	Grey	
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