

## SUMMARY

### # Wires

Low voltage 3



*Image is for illustrative purpose only*

Series	0T
Termination type	Female crimp
IP rating	68
AWG wire size	24.00 - 20.00
Cable Ø	1.60 - 2.00 mm
Status	active
Matching parts	<a href="#">FGG.0T.303.CYCC20Z</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 (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	23.15 g

### Performance

Configuration	T.303 : 3 Low Voltage
Insulator	Y: PEEK for crimp contacts
Rated Current	8 Amps

### Specifications

Contact Type:	Crimp
Contact Retention:	30 N
Contact Dia.:	0.9 mm (0.035in)
Bucket Dia.:	1.1 mm (0.043in)
Min. Conductor:	0.25 mm <sup>2</sup> (AWG 24)
Max. Conductor:	0.5 mm <sup>2</sup> (AWG 20)

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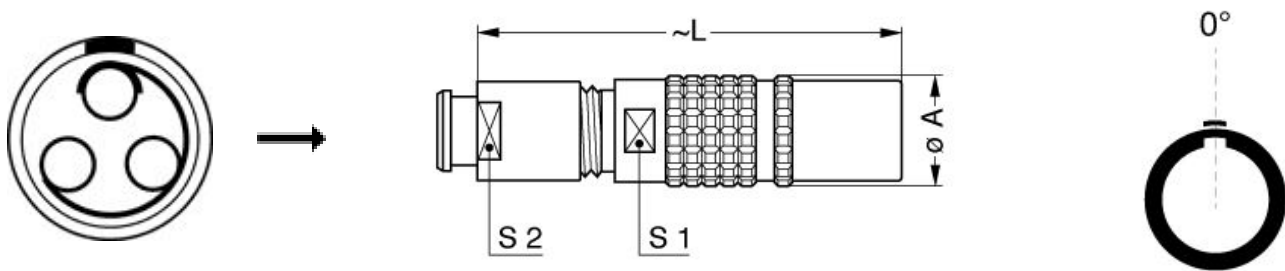
R (max): 4.8 mOhm  
Vtest (contact-shell): 1600 V (AC), 2250 V (DC)  
Vtest (contact-contact): 1700 V (AC), 2400 V (DC)

## 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:	<a href="#">DPC.91.701.V</a>
Crimp settings:	AWG/Selector = 20-22-24/6-5-5
Positionner:	<a href="#">DCE.91.070.BVM</a>
Extractor:	<a href="#">DCF.91.090.2LT</a>
Replacement contact:	EGG.0B.660.ZZM

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