

## SUMMARY

### # Wires

Low voltage 3



*Image is for illustrative purpose only*

Series	0T
Termination type	Female crimp
IP rating	68 mated (mating interface)
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)

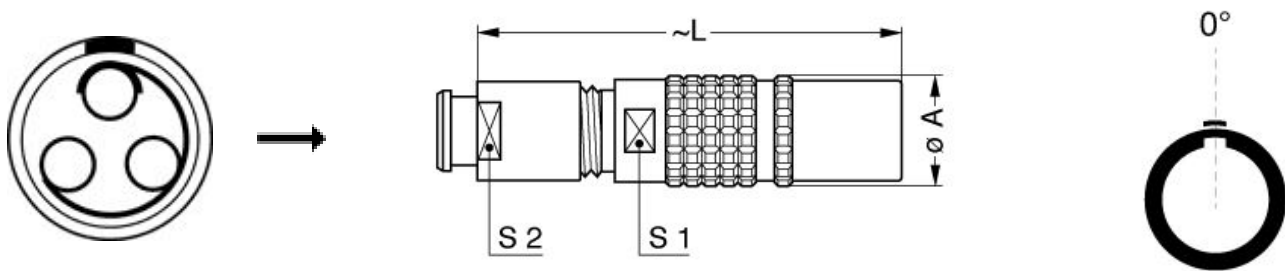
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R (max): 4.8 mOhm  
 Vtest (contact-shell): 1600 V (AC), 2250 V (DC)  
 Vtest (contact-contact): 1700 V (AC), 2400 V (DC)

## 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

## DRAWINGS



## Dimensions

	A	L	S1	S2
mm.	9.5	37	8	7
in.	0,37	1,46	0,31	0,28

## 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.91.090.BVM</a>
Extractor:	<a href="#">DCC.09.05B.LAG</a>
Replacement contact:	EKG.0B.660.ZZM

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