

## SUMMARY

### # Wires

Low voltage 2



*Image is for illustrative purpose only*

Series	0T
Termination type	Male crimp
IP rating	68
AWG wire size	24.00 - 20.00
Cable Ø	1.60 - 2.00 mm
Status	active
Matching parts	<a href="#">EGG.0T.302.CYM</a>

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## TECHNICAL DETAILS

### Mechanics

Shell Style/Model	FG*: Straight plug, 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	10.28 g

### Performance

Configuration	T.302 : 2 Low Voltage
Insulator	Y: PEEK for crimp contacts
Rated Current	10 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)

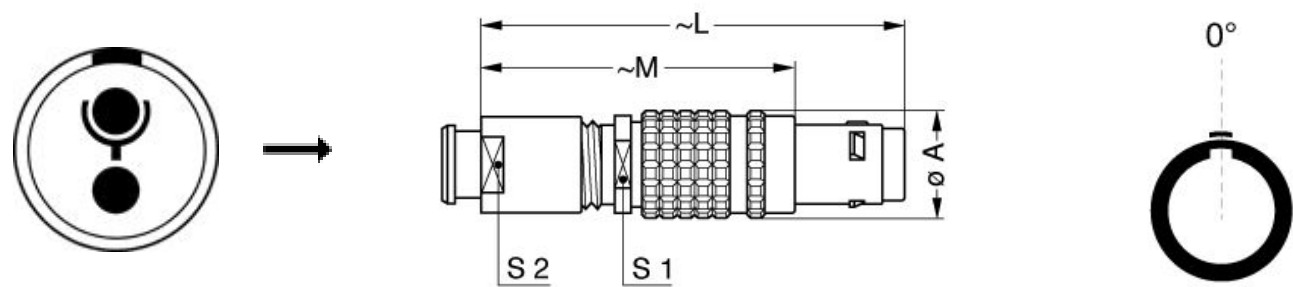
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R (max): 4.8 mOhm  
Vtest (contact-shell): 1200 V (AC), 1700 V (DC)  
Vtest(contact-contact): 1450 V (AC), 2100 V (DC)

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	M	S1	S2
mm.	9.5	38	28	7.5	7
in.	0,37	1,50	1,10	0,30	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.BVC</a>
Extractor:	<a href="#">DCF.91.090.2LT</a>
Replacement contact:	FGG.0B.560.ZZC

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