

## SUMMARY

### # Wires

Low voltage 3



*Image is for illustrative purpose only*

Series	0T
Termination type	Male crimp
IP rating	68
AWG wire size	24.00 - 20.00
Cable Ø	4.60 - 5.00 mm
Status	obsolete
Alternative part	<a href="#">FGG.0T.303.KYCK50</a>
Matching parts	<a href="#">EGG.0T.303.KYM</a>

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## TECHNICAL DETAILS

### Mechanics

Shell Style/Model	FG*: Straight plug, cable collet
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
Weight	9.32 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)
R (max): 4.8 mOhm
Vtest (contact-shell): 1600 V (AC), 2250 V (DC)

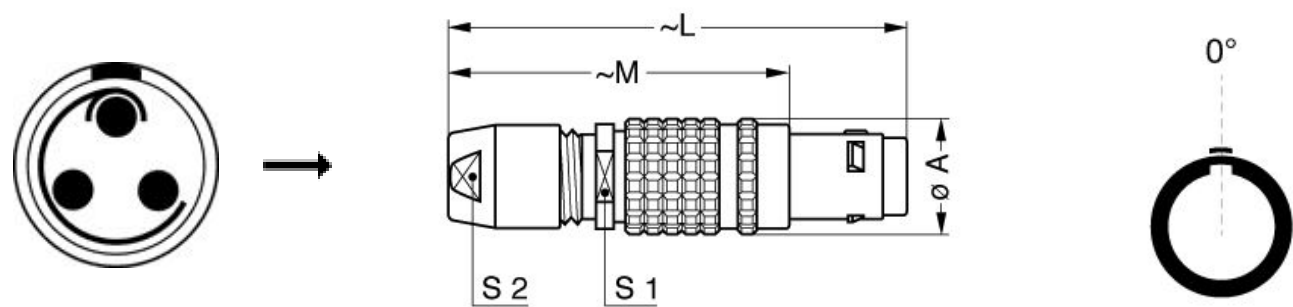
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Vtest (contact-contact): 1700 V (AC), 2400 V (DC)

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	M	S1	S2
mm.	9.5	39	29	7.5	7
in.	0,37	1,54	1,14	0,30	0,28

RECOMMENDED BY LEMO

Tools

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Crimp Tool: [DPC.91.701.V](#)


Crimp settings: AWG/Selector = 20-22-24/6-5-5

Positionner: [DCE.91.070.BVC](#)

Extractor: [DCF.91.090.2LT](#)

Replacement contact: FGG.0B.560.ZZC

### Cables

CMN.03.T20.049PGZE		Grey	
CMN.03.T20.049PNZE			
130240	PVC	Black	
3220	PVC	Black	
60080	PVC	Grey	

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