

SUMMARY

Wires

Low voltage 3



Image is for illustrative purpose only

Series	0T
Termination type	Female crimp
IP rating	68 when mated
AWG wire size	24.00 - 20.00
Cable Ø	1.60 - 2.00 mm
Status	active
Matching parts	FGG.0T.303.CYCC20Z

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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 ² (AWG 24)
Max. Conductor:	0.5 mm ² (AWG 20)

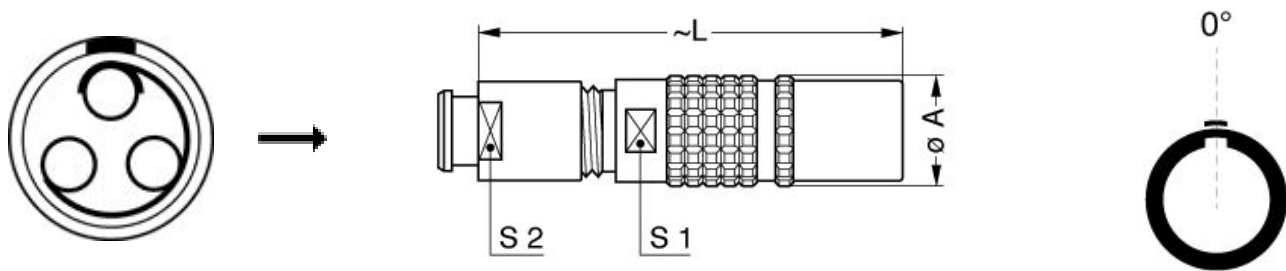
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R (max): 4.8 mOhm
 Vtest (contact-shell): 1600 V (AC), 2250 V (DC)
 Vtest (contact-contact): 1700 V (AC), 2400 V (DC)

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:	DPC.91.701.V
Crimp settings:	AWG/Selector = 20-22-24/6-5-5
Positionner:	DCE.91.090.BVM
Extractor:	DCC.09.05B.LAG
Replacement contact:	EKG.0B.660.ZZM

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