

SUMMARY

Wires

Low voltage 2



Image is for illustrative purpose only

Series 2T
Termination type Female crimp
IP rating 68
AWG wire size 16.00 - 12.00
Cable Ø 7.60 - 8.00 mm
Status active
Matching parts [EGL.2T.302.CYC](#)

Download

[Request a quote](#)

[Eplan](#)

[Catalog](#)

TECHNICAL DETAILS

Mechanics

Shell Style/Model FG*: Straight plug, cable collet
Keying 2 keys (gamma=70; plug: female contacts, receptacle: male 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
Weight 32.97 g

Performance

Configuration T.302 : 2 Low Voltage
Insulator Y: PEEK for crimp contacts
Rated Current 25 Amps

Specifications

Contact Type: Crimp
Contact Retention: 65 N
Contact Dia.: 2 mm (0.079in)
Bucket Dia.: 2.4 mm (0.094in)
Min. Conductor: 1.5 mm² (AWG 16)
Max. Conductor: 2.5 mm² (AWG 12)
R (max): 3.3 mOhm
Vtest (contact-shell): 2700 V (AC), 3820 V (DC)

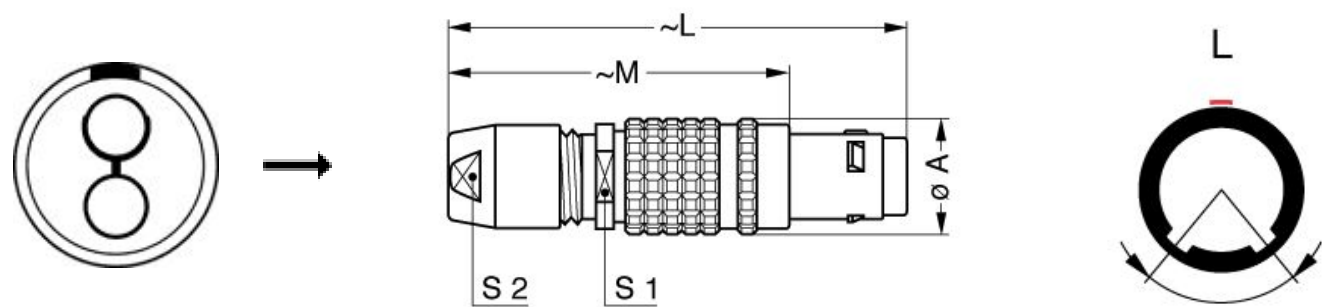
LEMO products and services are provided "as is". LEMO makes no warranties or representations with regard to LEMO product & services or use of them, express, implied or statutory, including for accuracy, completeness, or security. The user is fully responsible for his products and applications using LEMO components.

Vtest (contact-contact): 2850 V (AC), 4030 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. | 15 | 55 | 43 | 14 | 12 |
| in. | 0,59 | 2,17 | 1,69 | 0,55 | 0,47 |

RECOMMENDED BY LEMO

Tools

LEMO products and services are provided “as is”. LEMO makes no warranties or representations with regard to LEMO product & services or use of them, express, implied or statutory, including for accuracy, completeness, or security. The user is fully responsible for his products and applications using LEMO components.

Crimp Tool:

[DPC.91.101.A](#)

Positionner:

[DCE.91.202.BVCM](#)

Extractor:

[DCC.91.202.5LA](#)

Cables

| | | | |
|--------------------|--|-------|---|
| CMN.02.T12.078PGZE | | Grey |  |
| CMN.02.T12.078PNZE | | Black |  |
| CMN.02.T14.078PGZE | | Grey |  |
| CMN.02.T14.078PNZE | | |  |

LEMO products and services are provided “as is”. LEMO makes no warranties or representations with regard to LEMO product & services or use of them, express, implied or statutory, including for accuracy, completeness, or security. The user is fully responsible for his products and applications using LEMO components.