

SUMMARY

Wires

Low voltage 64



Image is for illustrative purpose only

Series 5F
Termination type Female crimp
IP rating 67
AWG wire size 0.00 - 20.00
Cable Ø 7.10 - 30.20 mm
Status active
Matching parts [FGW.5F.364.XLC](#)

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TECHNICAL DETAILS

Mechanics

Shell Style/Model PE*: Straight receptacle, nut fixing (back panel mounting)
Keying 5 keys (alpha=95, beta=115, gamma=35, delta=25, plug: male contacts, receptacle: female contacts)
Housing Material Aluminium (nickel plated [SAE AMS QQ N 290], anthracite color) shell and nut, other pieces bronze/brass
Weight 68.16 g

Performance

Configuration 5F.364 : 64 Low Voltage
Insulator L: PEEK (UL 94 / V-0/1.5)
Rated Current 3 Amps

Specifications

Contact Type: Crimp
Vtest (contact-shell): 1850 V (AC), 2600 V (DC)
Vtest (contact-contact): 1350 V (AC), 1910 V (DC)

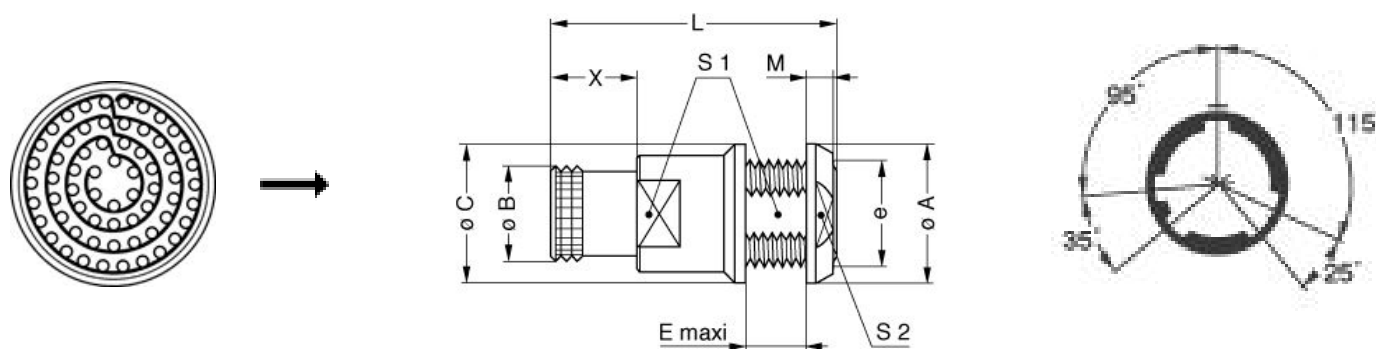
Others

Endurance (Shell): 1000 mating cycles

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Temp (min / max): -15° C / +200° C
 Humidity (max): <=95% [at 60 deg C /140 F]
 Vibration: 15 g [10 Hz - 2000 Hz]
 Shock Resistance: 100 g [6 ms]
 Climatological Category: 15/200/21 (Aluminium shell)
 Salt Spray Corrosion: max. 48 hr

DRAWINGS



Dimensions

| | A | B | C | E | L | M | S1 | S2 | X | e |
|-----|------|------|------|------|------|------|------|------|------|---------|
| mm. | 38 | 30.2 | 38 | 6.4 | 37.2 | 5 | 31 | 34 | 8 | M33x1.0 |
| in. | 1,50 | 1,19 | 1,50 | 0,25 | 1,46 | 0,20 | 1,22 | 1,34 | 0,31 | |

RECOMMENDED BY LEMO

Tools

Crimp Tool: [DPC.91.701.V](#)
 Positionner: [DCE.91.093.BVM](#)
 Extractor: [DCF.93.090.4LT](#)

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