

SUMMARY

Wires

Low	22
High	0
Coax	0
Triax	0
Quad	0
Fiber	0
Fluidic	0



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Series	3F
Termination type	Female crimp
IP rating	67
Cable Ø	0.00 - 0.00 mm
Matching parts	xxx

TECHNICAL DETAILS

Mechanics

Shell Style/Model	PE*: Straight receptacle, nut fixing (back panel mounting)
Keying	3 keys (beta=150, gamma=60, plug: male contacts, receptacle: female contacts)
Housing Material	Environment friendly aluminium (nickel plated, anthracite color) shell and nut, other pieces bronze/brass
Cable Fixing	Ø 0 - 0 mm
Variant	

Performance

Configuration	3F.322 : 22 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/3.2, depends on material thickness)
Rated Current	5.5 Amps

Specifications

Contact Type: Crimp
Max. Matings: 5000
Contact Retention: 22 N
Contact Dia.: 0.7 mm (0.028in)
Bucket Dia.: 0.8 mm (0.031in)
Min. Conductor: 0.14 mm ² (AWG 26)
Max. Conductor: 0.34 mm ² (AWG 22)

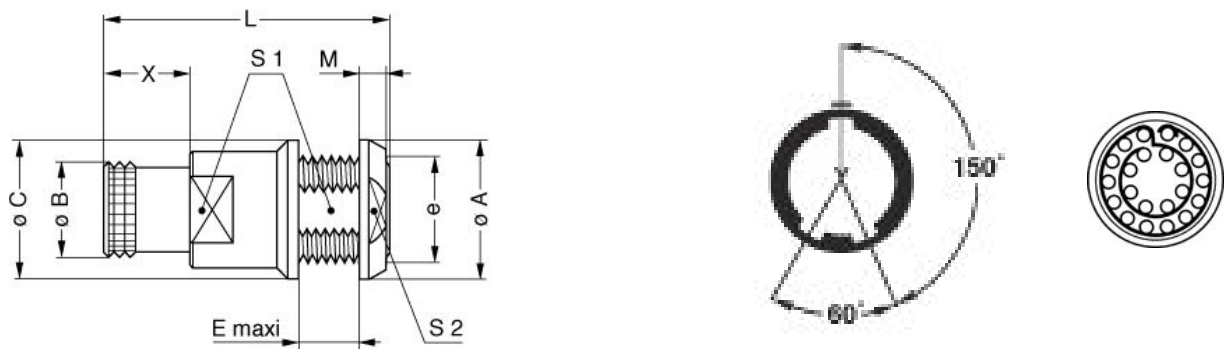
R (max): 6.1 mOhm
Vtest (contact-shell): 1450 V (AC), 2050 V (DC)
Vtest (contact-contact): 1700 V (AC), 2400 V (DC)

Others

Endurance (Shell): 1000 mating cycles
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]
Climatical Category: 15/200/21 (Aluminium shell)
IP Rating: 67

DRAWINGS

Draws



Dimensions

	A	B	C	E	L	M	S1	S2	e
mm.	22	16	22	6.4	26.7	4	16.5	19	M18x1.0
in.	0,87	0,63	0,87	0,25	1,05	0,16	0,65	0,75	

RECOMMENDED BY LEMO

Tools

Crimp Tool: DPC.91.701.V
Positionner: DCE.91.070.BVM
Extractor: DCF.93.070.4LT
Replacement contact: EGG.3F.655.ZZM

