

SUMMARY



Image is for illustrative purpose only

Wires

Low	7
High	0
Coax	0
Triax	0
Quad	0
Fiber	0
Fluidic	0

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Series	1M
Termination type	Female crimp
IP rating	50
Cable Ø	0.00 - 0.00 mm
Matching parts	FMN.1M.307.XLC
Status	active
Alternative part	

TECHNICAL DETAILS

Mechanics

Shell Style/Model	EC*: Fixed receptacle with two nuts
Keying	3 keys (beta=165, gamma=30, plug: male contacts, receptacle: female contacts)
Housing Material	Environment friendly aluminium (nickel plated, anthracite color) shell and nut, other pieces bronze/brass
Cable Fixing	∅ 0 - 0 mm
Variant	
Weight	58.25 g

Performance

Configuration	1M.307 : 7 Low Voltage
Insulator	
Rated Current	7.0 Amps

Specifications

Contact Type: Crimp
Max. Matings: 3000

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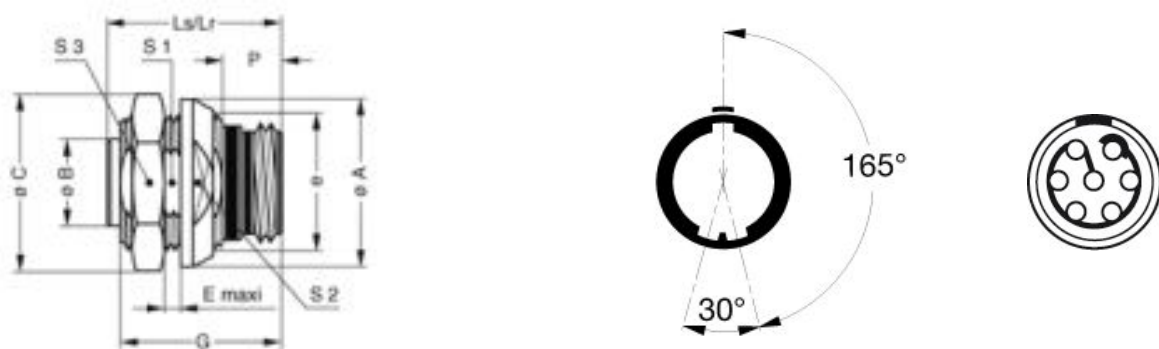
Contact Retention: 22 N
 Contact Dia.: 0.7 mm (0.028in)
 Bucket Dia.: 0.8 mm (0.031in)
 Min. Conductor: 0.14 mm² (AWG 26)
 Max. Conductor: 0.34 mm² (AWG 22)
 R (max): 6.1 mOhm
 Test voltage (kV rms) Contact-contact: 1.45
 Test voltage (kV rms) Contact-shell: 1.2

Others

Humidity (max): <=95% [at 60 deg C / 140 F]
 Vibration: 15 g [10 Hz - 2000 Hz]
 Shock Resistance: 100 g [6 ms]
 Operating temperature: -55° C/ +200° C
 Climatical Category: 15/200/21 (Al. shell)
 Lighting strike EIA 364-75 10K amps - 6 times
 EMI Shielding EIA 364-66A - 1Ghz-80 dB,3GHz-70 dB,6GHz- 58dB
 IP Rating: 50

DRAWINGS

Draws



Dimensions

	A	B	C	E	G	Lr	Ls	P	S1	S2	S3	e
mm.	18	5.95	19.2	5	16.8	18.3	18.3	5.3	12.5	16	17	M14x1.00
in.	0,71	0,23	0,76	0,20	0,66	0,72	0,72	0,21	0,49	0,63	0,67	

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RECOMMENDED BY LEMO

Tools

Crimp Tool: DPC.91.701.V
Crimp settings: AWG/Selector = 22-24-26/6-5-5
Positionner: DCE.91.070.3MVM
Extractor: DCF.93.070.4LT
Replacement contact: EGN.0M.655.ZZM
Spanner wrench: DCM.65.000.4PA

Cables

CMN.07.S34.027JGC			
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