FFB.1S.405.CLAC57

SUMMARY

Wires

High voltage	1

Series	1S
Termination type	Male solder High-Voltage
IP rating	50
AWG wire size	20.00 - 20.00
Cable Ø	5.20 - 5.70 mm
Status	active
Matching parts	ERA.1S.405.CLL

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TECHNICAL DETAILS

Mechanics

Shell Style/Model	FFB*: Straight plug, cable collet and safety locking ring
Keying	Circular, male
Housing Material	Brass (chrome plated) shell and collet nut, nickel plated brass latch sleeve and mid pieces
Weight	17.80 g

Performance

Configuration	1S.405 : 1 High Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated Current	8 Amps

Specifications

Contact Type: Solder
Test voltage (kV DC)   10.5
Test voltage (kV AC)   7.5
Creepage distance min.: 10.5 mm

Others

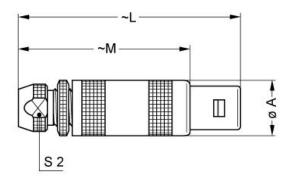Endurance (Shell): 5000 mating cycles
Temp (min / max): -55°C / +250°C
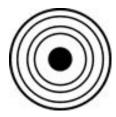
Humidity (max): <=95% [at 60 deg C /140 F]
Vibration: 15 g [10 Hz - 2000 Hz]
Shock Resistance: 100 g [6 ms]
Climatical Category: 50/175/21
Shielding (min): 75 dB (10 MHz)
Shielding (min): 40 dB (1 GHz)
Salt Spray Corrosion: >144 hr

DRAWINGS

Draws

Dimensions

	A	L	M	S2
mm.	12	45	34	8.5
in.	0.47	1.77	1.34	0.33

RECOMMENDED BY LEMO

Tools

Spanner wrench: DCD.1S.015.PA085

Cables