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EWB.0S.405.CLLPV

SUMMARY

Wires

High voltage	1

Image is for illustrative purpose only

Series	0S
Termination type	Female solder High-Voltage
IP rating	68
AWG wire size	32.00 - 24.00
Cable Ø	0.00 - 0.00 mm
Status	active
Matching parts	FFR.0S.405.CLAE48

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TECHNICAL DETAILS

Mechanics

Shell Style/Model	EWB*: Fixed receptacle, nut fixing, with two flats on the flange, watertight or vacuum-tight, high voltage
Keying	Circular, female
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
Variant	PV : Watertight / Vacuum-tested
Weight	7.83 g

Performance

Configuration	0S.405 : 1 High Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated Current	4 Amps

Specifications

Contact Type: Solder
Test voltage (kV DC) 12
Test voltage (kV AC) 8.4
Rear of connector must be protected: ATUM
Creepage distance min.: 13.5 mm

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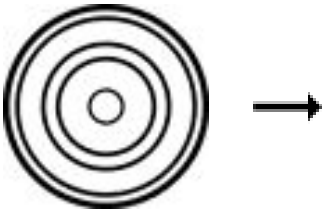
Others

Endurance (Shell): 5000 mating cycles
Temp (min / max): -20°C / +100°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: 20/80/21
Shielding (min): 75 dB (10 MHz)
Shielding (min): 40 dB (1 GHz)
R leak (He) (max): 0.0000001 mbar*l/s (if vacuum-tested)
Salt Spray Corrosion: >1000 hr
Pressure: 60 bars

DRAWINGS



Dimensions

	A	E	L	M	e
mm.	13	11	34	3.5	M9x0.6
in.	0,51	0,43	1,34	0,14	

RECOMMENDED BY LEMO

Tools

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