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HCG.1B.304.CLVP

SUMMARY

Wires

Low voltage	**4**



Image is for illustrative purpose only

Series	1B
Termination type	Female print 90° PCB
IP rating	68
AWG wire size	30.00 - 22.00
Cable Ø	0.00 - 0.00 mm
Status	active

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TECHNICAL DETAILS

Mechanics

Shell Style/Model	HC*: Fixed receptacle, nut fixing, watertight or vacuum-tight (watertight when mated, back panel mounting)
Keying	1 key (alpha=0, plug: male contacts, receptacle: female contacts)
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	P : Watertight
Weight	23.08 g

Performance

Configuration	1B.304 : 4 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated Current	

Specifications

Contact Type: Print (elbow)
Contact Dia.: 0.9 mm (0.035in)
R (max): 4.8 mOhm
Vtest (contact-shell): 1450 V (AC), 2050 V (DC)
Vtest (contact-contact): 1350 V (AC), 1910 V (DC)

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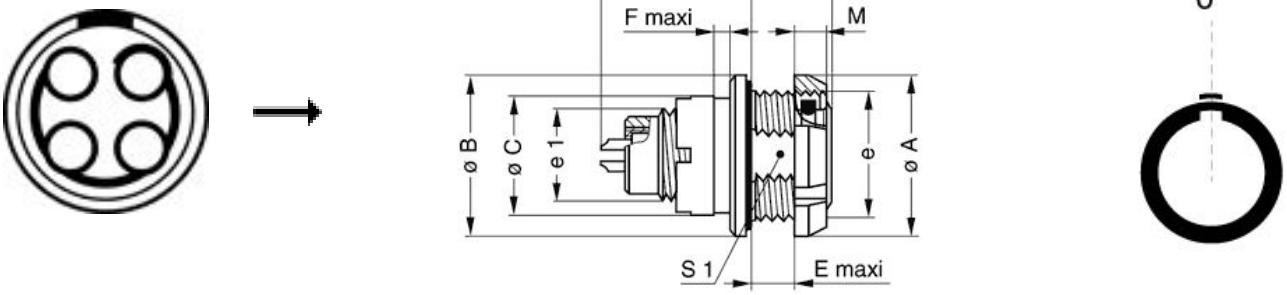
Others

Endurance (Shell): 5000
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)
Salt Spray Corrosion: >1000 hr
Pressure: 60 bars

DRAWINGS



Dimensions

	A	B	C	E	F	L	M	P	S1	e	e1
mm.	20	20	14.5	6.2	2	30.3	3.5	10	14.5	M16x1.0	M12x1.0
in.	0,79	0,79	0,57	0,24	0,08	1,19	0,14	0,39	0,57		

RECOMMENDED BY LEMO

Tools

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