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HCP.2S.304.CLLPV

SUMMARY

Wires

Low voltage	**4**



Image is for illustrative purpose only

Series	2S
Termination type	Female solder
IP rating	68
AWG wire size	28.00 - 20.00
Cable Ø	0.00 - 0.00 mm
Status	active
Matching parts	FFA.2S.304.CKAC52Z

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TECHNICAL DETAILS

Mechanics

Shell Style/Model	HCP*: Fixed receptacle, nut fixing, watertight or vacuum-tight (back panel mounting)
Keying	Hermaphroditic keying (half moon insert) with female pin 1
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	23.41 g

Performance

Configuration	2S.304 : 4 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated Current	15 Amps

Specifications

Contact Type: Solder
Contact Dia.: 1.3 mm (0.051in)
Bucket Dia.: 1 mm (0.039in)
Max. Solid Conductor: 0.5 mm^2 (AWG 20)
Max. Stranded Conductor: 0.5 mm^2 (AWG 20)
R (max): 3.6 mOhm

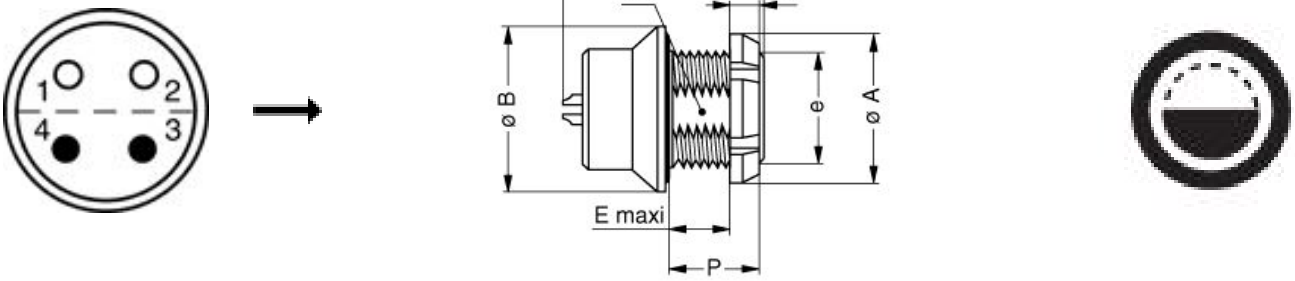
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Vtest: 1700 V (AC), 2400 V (DC)

Others

Endurance (Shell): 5000 mating cycles
Temp (min / max): -20°C / +80°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: 40 bars

DRAWINGS



Dimensions

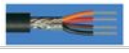
	A	B	E	L	M	P	S1	e
mm.	20	20	12.5	29	3.5	16.5	14.5	M16x1.0
in.	0,79	0,79	0,49	1,14	0,14	0,65	0,57	

RECOMMENDED BY LEMO

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Tools

Cables

CMN.04.T20.053PGZE		Grey	
CMN.04.T20.053PNZE			
CMN.04.T20.053QGZE	TPR (medical)	Grey	
CMN.04.T22.047QGC	TPR	Grey	
CMN.04.T22.048QGZE	TPR (medical)	Grey	
CMN.04.T28.031PGCE	PVC	GREY	
CMN.04.T28.031PGZE		Grey	
CMN.04.T28.031PNCE	PVC	Black	
CMN.04.T28.031PNZE			
CMN.04.T28.031QGC	TPR	Grey	
140240	PVC	Black	
140250	PVC	Grey	
240500	PVC	Grey	
240750	PVC	Grey	
40080	PVC	Black	
40086	PVC	Blue	
40140	PVC	Black	
40240	PTFE	White	
40260	PVC	Black	
4041	PVC	Grey	
4050	PVC	Black	
4080	PVC	Grey	
417920	PVC	Grey	
4220	PVC	Black	
4221	PVC	Black	
4260	PTFE	White	
4280	PVC	Black	
80080	PVC	Grey	
80082	PVC	Red	
80084	PVC	Black	
CTR.75.030.121870G	PVC	Grey	

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