

SUMMARY

Wires

Low voltage 14



Image is for illustrative purpose only

Series 2B
Termination type Female solder
IP rating 68
AWG wire size 30.00 - 22.00
Cable Ø 0.00 - 0.00 mm
Status active
Matching parts [FGG.2B.314.CLAD52](#)

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TECHNICAL DETAILS

Mechanics

Shell Style/Model HE*: Fixed receptacle, nut fixing, watertight or vacuum-tight (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 PV : Watertight / Vacuum-tested
Weight 23.12 g

Performance

Configuration 2B.314 : 14 Low Voltage
Insulator L: PEEK (UL 94 / V-0/1.5)
Rated Current 6.5 Amps

Specifications

Contact Type: Solder
Contact Dia.: 0.7 mm (0.028in)
Bucket Dia.: 0.8 mm (0.031in)
Max. Solid Conductor: 0.34 mm² (AWG 22)
Max. Stranded Conductor: 0.34 mm² (AWG 22)
R (max): 6.1 mOhm

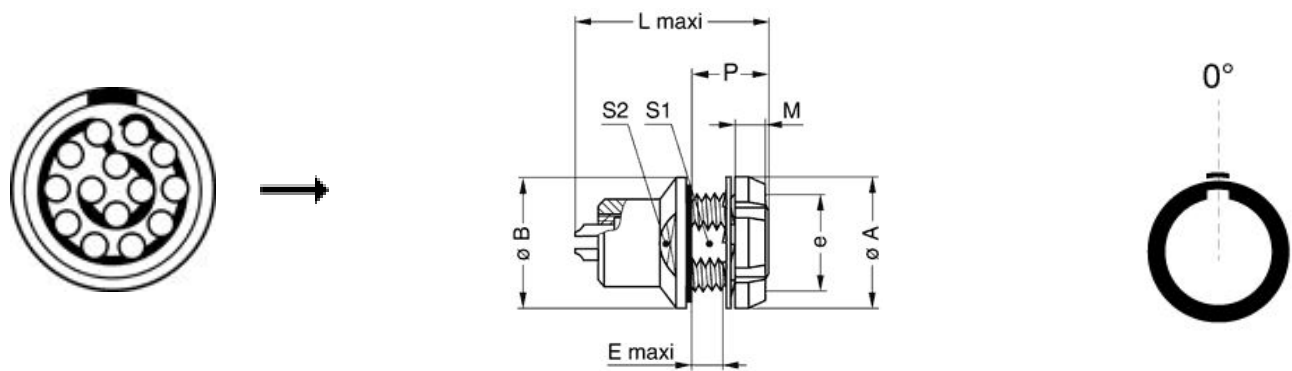
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Vtest (contact-shell): 1350 V (AC), 1910 V (DC)
Vtest (contact-contact): 1150 V (AC), 1630 V (DC)

Others

Endurance (Shell): 5000
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	S2	e
mm.	20	20	5.5	31.6	3.5	9.6	13.5	15	M15x1.0
in.	0,79	0,79	0,22	1,24	0,14	0,38	0,53	0,59	

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Tools

Cables

CMN.14.T22.068PGCE	PVC	GREY	
CMN.14.T22.068PGZE		Grey	
CMN.14.T22.068PNCE	PVC	Black	
CMN.14.T22.068PNZE			
CMN.14.T28.056PGZE		Grey	
CMN.14.T28.056PNZE			
CMN.14.T28.056QGZE	TPR (medical)	Grey	
114260	PTFE	White	
214140	PVC	Black	
214240	PTFE	White	
314250	PVC	Grey	

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