

SUMMARY

Wires

Low voltage 7



Image is for illustrative purpose only

Series 2B
Termination type Female solder
IP rating 68
AWG wire size 28.00 - 20.00
Cable Ø 0.00 - 0.00 mm
Status active

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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 P : Watertight
Weight 23.90 g

Performance

Configuration 2B.307 : 7 Low Voltage
Insulator L: PEEK (UL 94 / V-0/1.5)
Rated Current 11 Amps

Specifications

Contact Type: Solder
Contact Dia.: 1.3 mm (0.051in)
Bucket Dia.: 1 mm (0.039in)
Max. Solid Conductor: 0.5 mm² (AWG 20)
Max. Stranded Conductor: 0.5 mm² (AWG 20)
R (max): 3.6 mOhm

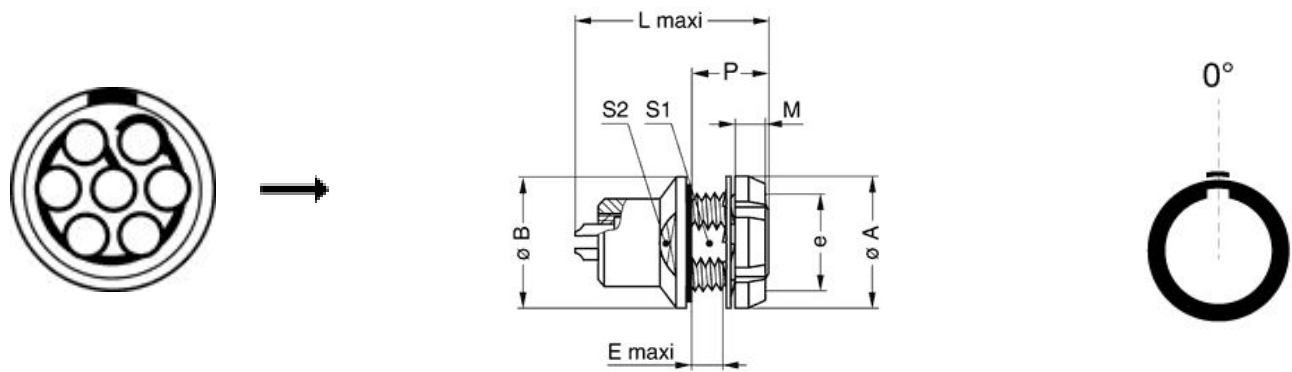
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Vtest (contact-shell): 1600 V (AC), 2250 V (DC)
Vtest (contact-contact): 1750 V (AC), 2500 V (DC)

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)
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.07.T20.062PGZE		Grey	
CMN.07.T20.062PNZE			
CMN.07.T20.062QGZE	TPR (medical)	Grey	
CMN.07.T26.037QGZE	TPR (medical)	Grey	
CMN.07.T28.044PGZE		Grey	
CMN.07.T28.044PNZE			
270250	PVC	Grey	
370500	PVC	Grey	
70140	PVC	Grey	
7041	PVC	Grey	
7050	PVC	Black	
717920	PVC	Grey	
CTR.75.030.121875G	PVC	Grey	

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