PSA.3E.307.KLLC80

SUMMARY

Wires

Low voltage	**7**

Image is for illustrative purpose only

Series	3E
Termination type	Female solder
IP rating	68
AWG wire size	28.00 - 20.00
Cable Ø	7.60 - 8.00 mm
Status	active

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TECHNICAL DETAILS

Mechanics

Shell Style/Model	PSA*: Fixed receptacle, nut fixing, cable collet
Keying	Hermaphroditic keying (half moon insert) with female pin 1
Housing Material	Brass (black chrome) shell and collet nut, nickel plated [SAE AMS QQ N 290] brass latch sleeve and mid pieces
Weight	110.94 g

Performance

Configuration	3E.307 : 7 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated Current	12 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
Vtest: 1060 V (AC), 1500 V (DC)

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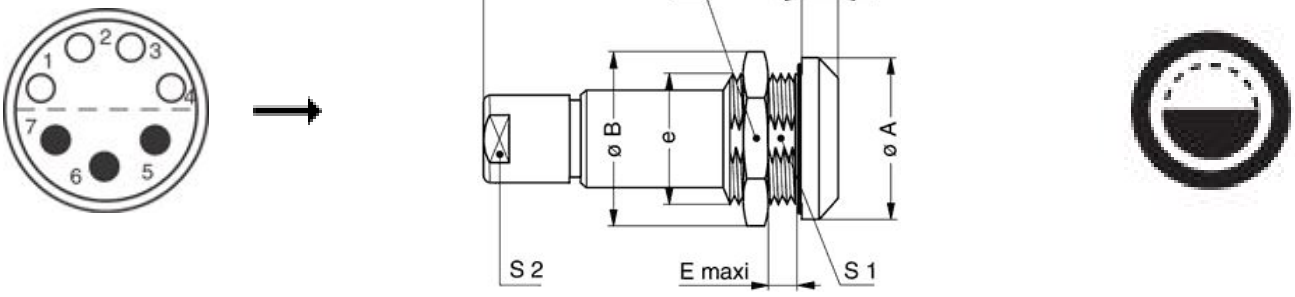
Others

Endurance (Shell): 5000 mating cycles
Temp (min / max): -55°C / +200°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: 50/175/21
Shielding (min): 95 dB (10 MHz)
Shielding (min): 80 dB (1 GHz)
Salt Spray Corrosion: >1000 hr

DRAWINGS



Dimensions

	A	B	E	L	M	S1	S2	S3	e
mm.	31	34.5	11	65	6	22.5	15	30	M24x1.0
in.	1,22	1,36	0,43	2,56	0,24	0,89	0,59	1,18	

RECOMMENDED BY LEMO

Tools

Spanner wrench: DCD.3E.030.PA150

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