

## SUMMARY

### # Wires

Low voltage 48



*Image is for illustrative purpose only*

Series	5E
Termination type	Male solder
IP rating	68 mated (mating interface)
AWG wire size	28.00 - 20.00
Cable Ø	22.60 - 23.50 mm
Status	Active
Matching parts	<a href="#">ERA.5E.348.CLL</a>

### Download

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[Catalog](#)

## TECHNICAL DETAILS

### Mechanics

Shell Style/Model	FFA*: Straight plug, cable collet
Keying	Hermaphroditic keying (half moon insert) with male pin 1
Housing Material	Brass (chrome plated [SAE AMS 2460]) shell, collet nut and latch sleeve, nickel plated [SAE AMS QQ N 290] brass mid pieces
Weight	405.44 g

### Performance

Configuration	5E.348 : 48 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated Current	6 Amps

### Specifications

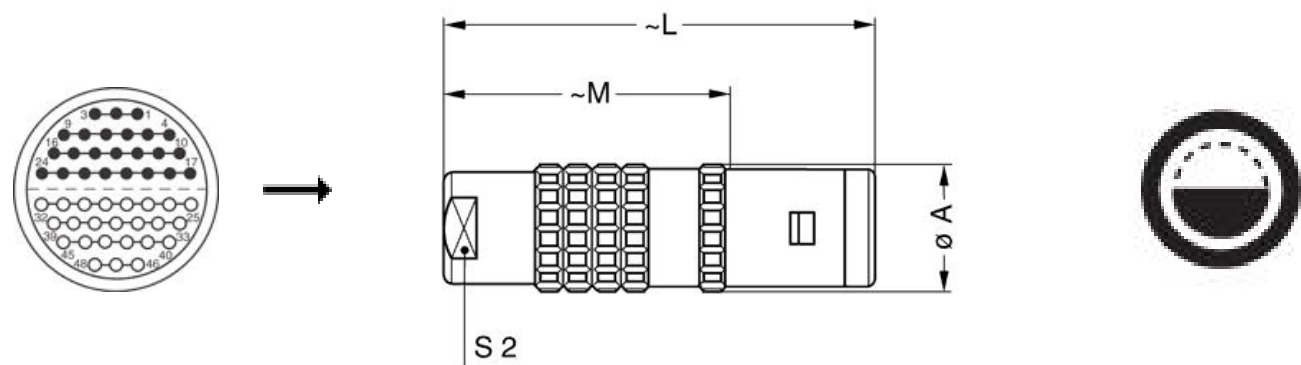
Contact Type: Solder  
Contact Dia.: 1.3 mm (0.051in)  
Bucket Dia.: 1 mm (0.039in)  
Max. Solid Conductor: 0.5 mm<sup>2</sup> (AWG 20)  
Max. Stranded Conductor: 0.5 mm<sup>2</sup> (AWG 20)  
R (max): 3.6 mOhm  
Vtest: 1200 V (AC), 1700 V (DC)

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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	L	M	S2
mm.	38	92	67	32
in.	1,50	3,62	2,64	1,26

RECOMMENDED BY LEMO

Tools

Caps: [BFA.5E.100.NAS](#)

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