

## SUMMARY

### # Wires

|              |   |
|--------------|---|
| Low voltage  | 7 |
| High voltage | 1 |



*Image is for illustrative purpose only*

|                  |                                 |
|------------------|---------------------------------|
| Series           | 3E                              |
| Termination type | Male solder Hybrid High-Voltage |
| IP rating        | 68 mated (mating interface)     |
| AWG wire size    | 0.00 - 0.00                     |
| Cable Ø          | 7.10 - 7.50 mm                  |
| Status           | Active                          |
| Matching parts   | <a href="#">ERA.3E.707.CLL</a>  |

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## TECHNICAL DETAILS

### Mechanics

|                   |                                                                                                                            |
|-------------------|----------------------------------------------------------------------------------------------------------------------------|
| Shell Style/Model | FFA*: Straight plug, cable collet and nut for fitting a bend relief                                                        |
| 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 |
| Variant           | Z : Nut for fitting a bend relief                                                                                          |
| Weight            | 70.41 g                                                                                                                    |

### Performance

|               |                             |
|---------------|-----------------------------|
| Configuration | 3E.707 : 1 High V. 7 Low V. |
| Insulator     | L: PEEK (UL 94 / V-0/1.5)   |
| Rated Current | LV 8, HV 3 Amps             |

### Specifications

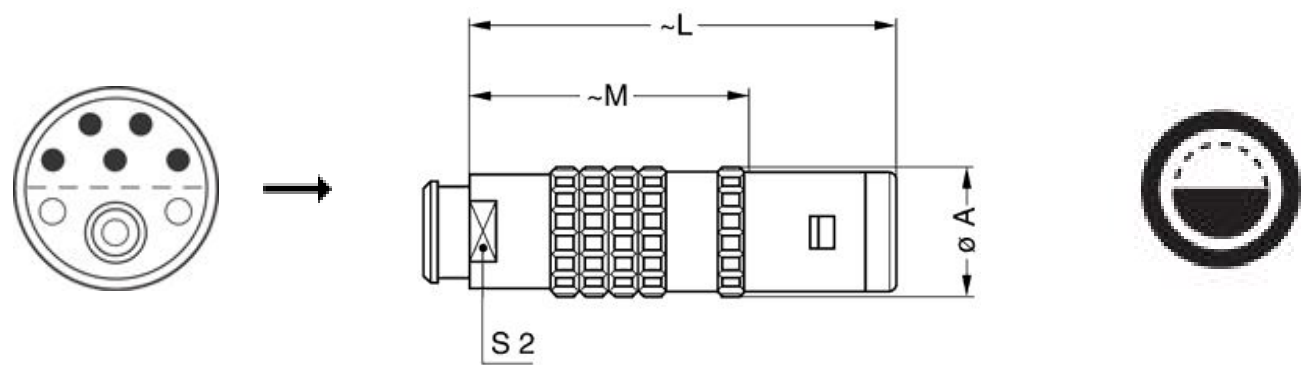
Contact Type: Solder  
Working voltage HV contact - Us (kV rms) 2.1  
Test voltage LV Ue (kV rms) 1  
Please use heatshrink to guarantee High Voltage performance ▢

### Others

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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. | 19   | 60   | 40   | 15   |
| in. | 0,75 | 2,36 | 1,57 | 0,59 |

## RECOMMENDED BY LEMO

### Tools

- Spanner wrench: [DCD.3E.ZZZ.PA150](#)  
Caps: [BFA.3E.100.NAS](#)

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