

## SUMMARY

### # Wires

Low	7
High	1
Coax	0
Triax	0
Quad	0
Fiber	0
Fluidic	0



*Image is for illustrative purpose only*

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Series	3E
Termination type	Male solder High-Voltage
IP rating	68
Cable Ø	7.10 - 7.50 mm
Matching parts	ERA.3E.707.CJL
Status	active
Alternative part	

## TECHNICAL DETAILS

### Mechanics

Shell Style/Model	FFA*: Straight plug, cable collet and nut for fitting a bend relief
Keying	
Housing Material	Brass (chrome plated) shell and collet nut, nickel plated brass latch sleeve and mid pieces
Cable Fixing	C75: 7.1 - 7.5 mm
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-0/3.2, depends on material thickness)
Rated Current	6 Amps

### Specifications

Contact Type: Solder
Working voltage HV contact - Us (kV rms) 2.1
Test voltage LV Ue (kV rms) 1

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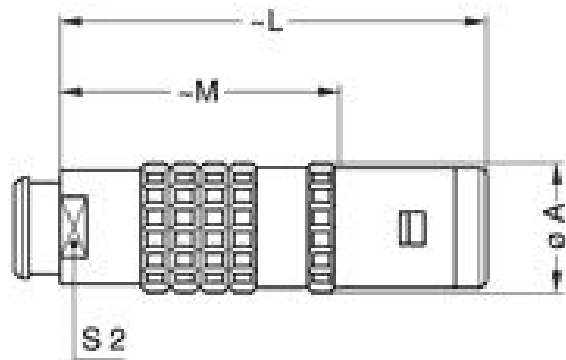
Rated current LV (A) 8

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]  
Salt Spray Corrosion: >1000 hr  
Climatical Category: 50/175/21  
Shielding (min): 95 dB (10 MHz)  
Shielding (min): 80 dB (1 GHz)  
IP Rating: 68

DRAWINGS

Draws



Dimensions

	A	L	M	S2
mm.	19	60	40	15
in.	0,75	2,36	1,57	0,59

RECOMMENDED BY LEMO

Tools

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Spanner wrench: DCD.3E.030.PA150  
Caps: BFA.3E.100.NAS

## Cables

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