

## SUMMARY

### # Wires

|         |   |
|---------|---|
| Low     | 0 |
| High    | 0 |
| Coax    | 1 |
| Triax   | 0 |
| Quad    | 0 |
| Fiber   | 0 |
| Fluidic | 0 |



*Image is for illustrative purpose only*

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|                  |                  |
|------------------|------------------|
| Series           | 3E               |
| Termination type | Male solder      |
| IP rating        | 68               |
| Cable Ø          | 10.60 - 12.00 mm |
| Matching parts   | ERA.3E.275.CTL   |
| Status           |                  |
| Alternative part |                  |

## TECHNICAL DETAILS

### Mechanics

|                   |   |
|-------------------|---|
| Shell Style/Model | FLA*: Elbow plug, cable collet  |
| Keying            |   |
| Housing Material  | Brass (chrome plated) shell and collet nut, nickel plated brass latch sleeve and mid pieces |
| Cable Fixing      | K11: 10.6 - 12 mm   |
| Variant           | E : Gasket and O-ring in EPDM   |

### Performance

|               |  |
|---------------|--|
| Configuration | 3E.275 : 1 Coax (75 Ohm)                                 |
| Insulator     | L: PEEK (UL 94 / V-0/3.2, depends on material thickness) |
| Rated Current | 15 Amps  |

### Specifications

|               |  |
|---------------|--|
| Contact Type: | Solder   |
| Vtest:        | 2700 V (AC), 3900 V (DC)                             |
| Impedance:    | 75 Ohm   |
| VSWR:         | 1.04 + 0.05 * f /GHz                                 |
| Cable type:   | RG 213/U, RG 115 A/U, RG 11 A/U, RG 144/U, RG 165 /U |

## 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

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## DRAWINGS

### Draws



### Dimensions

|     | A    | D    | H    | L    | M    | S1   | S2   | S3   |
|-----|------|------|------|------|------|------|------|------|
| mm. | 21   | 11.5 | 47   | 60   | 40   | 18   | 15   | 15   |
| in. | 0,83 | 0,45 | 1,85 | 2,36 | 1,57 | 0,71 | 0,59 | 0,59 |

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## RECOMMENDED BY LEMO

### Tools

None

### Cables