

SUMMARY

Wires

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



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| | |
|------------------|----------------|
| Series | 0E |
| Termination type | Male solder |
| IP rating | 68 |
| Cable Ø | 4.10 - 4.50 mm |
| Matching parts | ERA.0E.250.CLL |
| Status | active |
| 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 | C45: 4.1 - 4.5 mm |
| Variant | |
| Weight | 17.62 g |

Performance

| | |
|---------------|--------------------------|
| Configuration | 0E.250 : 1 Coax (50 Ohm) |
| Insulator | T: PTFE |
| Rated Current | 6 Amps |

Specifications

| | |
|---------------|-------------------------|
| Contact Type: | Coaxial 50 Ohm (Solder) |
| Max. Matings: | 1000 |
| Contact Dia.: | 0.9 mm (0.035in) |

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Bucket Dia.: 1 mm (0.039in)
 Vtest: 3000 V (AC), 4200 V (DC)
 Impedance: 50 Ohm
 VSWR: $1.02 + 0.25 * f/\text{GHz}$
 Cable type: RG 178 B/U, RG 196 A/U, RG 188 A/U, RG 316 B/U, RG 174 A/U, HF-2114, RG 122 /U

Others

Endurance (Shell): 5000 mating cycles
 Temp (min / max): $-55^{\circ}\text{C} / +200^{\circ}\text{C}$
 Humidity (max): $\leq 95\%$ [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 | D | H | L | M | S1 | S2 | S3 |
|-----|------|------|------|------|------|------|------|------|
| mm. | 11.5 | 7.6 | 27 | 36 | 25 | 10 | 8 | 8 |
| in. | 0,45 | 0,30 | 1,06 | 1,42 | 0,98 | 0,39 | 0,31 | 0,31 |

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RECOMMENDED BY LEMO

Tools

None

Cables

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