

SUMMARY

Wires

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

| | |
|------------------|-------------------|
| Series | 0E |
| Termination type | Female solder |
| IP rating | 68 |
| Cable Ø | 4.60 - 5.00 mm |
| Matching parts | FFA.0E.250.CTAC50 |
| Status | active |
| Alternative part | |



Image is for illustrative purpose only

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TECHNICAL DETAILS

Mechanics

| | |
|-------------------|---|
| Shell Style/Model | PSA*: Fixed receptacle, nut fixing, cable collet |
| Keying | Circular (can rotate), plug has male contact(s) |
| Housing Material | Brass (chrome plated) shell and collet nut, nickel plated brass latch sleeve and mid pieces |
| Cable Fixing | ∅ 4.6 - 5 mm |
| Variant | |
| Weight | 18.29 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 $60^{\circ}\text{C} / 140^{\circ}\text{F}$]
 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 | B | E | L | M | S1 | S2 | S3 | e |
|-----|------|------|------|------|------|------|------|------|---------|
| mm. | 18 | 19.5 | 5.5 | 34 | 4 | 12.5 | 8 | 17 | M14x1.0 |
| in. | 0,71 | 0,77 | 0,22 | 1,34 | 0,16 | 0,49 | 0,31 | 0,67 | |


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RECOMMENDED BY LEMO

Tools

Spanner wrench: DCD.OE.007.PA080

Cables

| | | | |
|--------------------|-----|-------|--|
| 158 480 | PUR | Black |  |
| 158 490 | PVC | Black | |
| CCX.50.088.292495N | PVC | Black | |
| CCX.50.RG5.8CU50N | PVC | Black | |

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