

SUMMARY

Wires

| | |
|-------|---|
| Triax | 1 |
|-------|---|



Image is for illustrative purpose only

| | |
|------------------|-----------------------------------|
| Series | 0S |
| Termination type | Female solder |
| IP rating | 50 |
| AWG wire size | 0.00 - 0.00 |
| Cable Ø | 1.30 - 6.20 mm |
| Status | active |
| Matching parts | FFA.0S.650.CLAC17 |

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TECHNICAL DETAILS

Mechanics

| | |
|-------------------|---|
| Shell Style/Model | ERA*: Fixed receptacle, nut fixing |
| Keying | Circular, female |
| Housing Material | Brass (chrome plated) shell and collet nut, nickel plated brass latch sleeve and mid pieces |
| Weight | 4.57 g |

Performance

| | |
|---------------|---------------------------|
| Configuration | 0S.650 : 1 Triax (50 Ohm) |
| Insulator | L: PEEK (UL 94 / V-0/1.5) |
| Rated Current | 6 Amps |

Specifications

Contact Type: Triaxial 50 Ohm (Solder)
Contact Dia.: 0.9 mm (0.035" in)
Vtest: 1200 V (AC), 1700 V (DC)
Impedance: 50 Ohm
VSWR: $1.03 + 0.34 * f / \text{GHz}$
Cable type: RGT 178, RGT 174

Others

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Endurance (Shell): 5000 mating cycles
Temp (min / max): -55° C / +250° 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): 75 dB (10 MHz)
Shielding (min): 40 dB (1 GHz)
Salt Spray Corrosion: >1000 hr

DRAWINGS

Draws



Dimensions

| | A | B | E | L | M | S1 | S3 | e |
|-----|------|------|------|------|------|------|------|--------|
| mm. | 10 | 12.5 | 7 | 18.5 | 1.2 | 8.2 | 11 | M9x0.6 |
| in. | 0.39 | 0.49 | 0.28 | 0.73 | 0.05 | 0.32 | 0.43 | |

RECOMMENDED BY LEMO

Tools

Cables

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