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SPECIFICATIONS:

1. MATERIALS:
   - Plastic insert & housing: High temperature thermoplastic flammability rating UL94V-0 (S96) Standard, 30% black.
   - Front metal shell: zinc alloy ZAMAK 3, nickel plate.
   - Contacts: phosphor bronze, 1.27 mm gold plate on mating surfaces, 1.27 mm nickel.
   - Min. underplate: 3.82 mm min. matte tin on contact tails.
   - Latch lock and spring: spring steel, nickel plate.
   - EM/RF: Hard brass, tin plate.

2. ELECTRICAL CHARACTERISTICS:
   - Rated voltage: 125 VAC.
   - Typical contact resistance: 20 mΩ.
   - Insulation resistance: >500 MΩ.
   - Dielectric strength: 2000 VAC, 60 seconds.

3. TRANSMISSION SPECIFICATION:
   - Complies with Cat5e 10/100 BASE-T, or Class D 10/100 BASE-T per EIA-568-C.2 and ISO 11801.

- RJ45 contacts
- RJ45 Shell ground contact
- Connector location pins

PCB LAYOUT

Front panel metal flange assembled at panel rear side

Front panel metal flange assembled at panel front side

PANEL CUT OUT

CONNECTOR FRONT VIEW

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CONNECTOR TOP VIEW

CONNECTOR FRONT VIEW