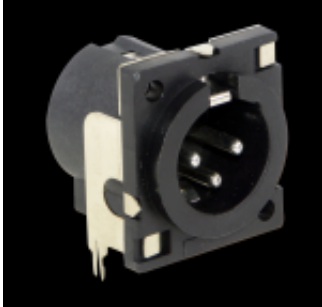




## Harsh Environment Connectivity Solutions

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### PQG Series Male

The PQG Series is a plastic panel mount connector, using 94V-0 rated material. Both male and female mount into the same panel cut-out. The PQG series includes grounding straps and a PC mount. These are the male options.

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## Materials

- Housing: Black, glass-filled thermoplastic, UL 94V-0. Flange mounting holes are .128 inch diameter
- Socket Contacts: Copper alloy, electroplated.
- Pin Contacts: Copper alloy, electroplated.
- Latch Release: Steel, nickel-plated.
- Mounting Plate: Copper alloy.
- Shell-to-Ground Terminals: Copper alloy, electroplated.
- Latches: Copper alloy, nickel-plated.

## Mechanical

- Insertion/Withdrawal Forces: 2 pound (nominal).
- Mechanical Life: 10,000 cycles @ 10 cpm.

## Electrical

- Contact Resistance: .05 ohms per pole (maximum).
- Dielectric Withstanding Voltage: 1,000 V rms for 1 minute.
- Insulation Resistance:  $10^4$  M(ohm) @ 500 V DC.
- Current Capacity: 10A maximum (carry only).

## Environmental

- Operating Temperature: -30°F to 185°F (-34°C to 85°C).