



Harsh Environment Connectivity Solutions



C SERIES PANEL MOUNT

The C Series features a round housing panel mount which has .140" mounting holes requiring #5-40 screws to mount.

ELECTRICAL

- **Contact Resistance:** 50 milliohm maximum, per pole.
- **Current Rating:** 3 pole – 15A, 4 pole - 10A, 5 and 6 pole – 7.5A, 7 pole – 5A @ 125VAC.
- **Insulation Resistance:** 1,000 MO, minimum.
- **Dielectric Withstanding Voltage:** 1,000 V (rms).
- **Capacitance:** 2 pF between pins and 4 pF between pins and shell, maximum (AA3M and AA3F).

MECHANICAL

- **Insertion/Withdrawal Forces:** 7 pound maximum, 5 pound nominal, insertion; 7 pound maximum, 5 pound nominal, withdrawal.
- **Wire Size:** #12 wire gauge solid; #14 wire gauge stranded (3 contact). #14 wire gauge solid; #16 wire gauge stranded (4 contact). #16 wire gauge solid; #18 wire gauge stranded (5 and 6 contact). #18 wire gauge solid; #20 stranded (7 contact). (Q-G and QGP).

MATERIAL

Q-G CONNECTORS (A AND AA SERIES)

- **Shell:** Die-cast zinc. Satin nickel finish, black velvet.
- **Insert Insulation:** Molded thermoplastic.
- **Socket Contacts:** Silver-plated copper alloy tarnish-resistant; bifurcated on 3-contact type. Gold is available
- **Pin Contacts:** Silver-plated copper alloy. Resists tarnishing, and provides excellent electrical conductivity. Gold is available.
- **Latchlock:** High-strength die-cast zinc.
- **Latch Release:** Steel, nickel-plated.
- **Latch Detent:** Formed stainless steel.
- **Insert Screw:** Stainless steel.
- **Flex Relief:** TPR (thermoplastic rubber).