



E Series Male Solder Contacts

The E Series offers a panel mount with quick release inserts. A small screwdriver can be used to remove the inserts, allowing for easy gender changes. The male and female E Series fit into the same panel cut-outs.

Electrical

- Contact Resistance: 50 milliohms maximum, per pole.
- Current Rating: 15A
- Insulation Resistance: 2×10^6 M(ohm)
- Dielectric Resistance: 1,000 V rms
- Capacitance: 10 pF

Mechanical

- Insertion/Withdrawal Forces: 7 pounds maximum/5 pounds nominal insertion; 7 pounds maximum/5 pounds nominal withdrawal
- Life: 10,000 operations (minimum)

Environmental

- Thermal Range: -55° C to +85° C
- Humidity: Meets MIL-STD-202F, method 106E
- Thermal Shock: Meets MIL-STD-202F, method 107D
- Salt Spray: Meets MIL-STD-202F, method 101D

Material

- Shells: Die-cast; satin-nickel or Black Velvet
- Inserts: Glass-filled thermoplastic
- Socket Contacts: Copper alloy, silver- or gold-plated
- Pin Contacts: Copper alloy, silver- or gold-plated
- Latch Release: Steel, nickel-plated
- Insert Locking Cam: Die-cast zinc

Terminals

Three terminations are available on E Series receptacles:

1. Straight PC terminals - direct termination to PC board. Housing mounts to panel.

- 2. Right-angle PC terminals - direct termination to PC board at a right-angle. Housing mounts to panel.
- 3. SC - Solder cup

Each character (or absence thereof) in the part numbers listed above denotes one specific feature.

Character	Description
E	Series designator
3	3 pins or contacts
*	M -male connector; F -female connector
QG	Denotes insert only
H	Denotes housing only
B	