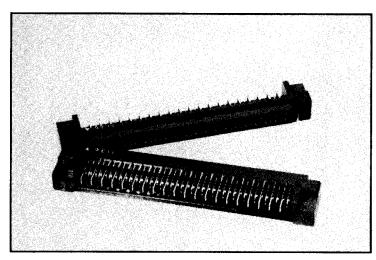


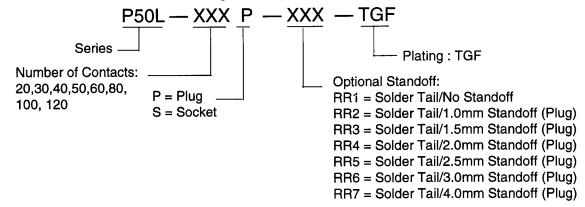
# **Low Profile 2-Piece Connectors**

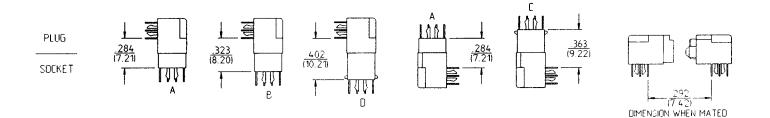
**P50L Series - Right Angle** 



- Low profile .276" (7 mm) height from PCB surface
- Right angle termination to address vertical to horizontal mating applications
- High-temp insulator compatible with IR and wave soldering
- Audible "click" ensures complete mating
- Retention clips maintain stability to board under wave solder
- Plug with optional standoff allows mated boards to be offset by 1.0 - 4.0 mm

# How to Order P50L Right Angle Series





## Materials:

Body: PPS Oxygen Index Rating: 45% Contact: Phosphor Bronze

#### **Performance Characteristics:**

Insertion Force: 3.36 oz./pin maximum
Withdrawal Force: 0.49 oz./pin minimum
Dielectric Withstanding Voltage: 650 volts AC
Contact Resistance: 40 milliohms maximum
Insulation Resistance: 1000 milliohms minimum

Current Rating: 0.5 Amperes/contact Flammability: UL 94 V-O

Temperature Range: -55°C to + 105°C

### **Plating Description:**

TGF = 3 μinch (.076 μm) minimum Gold on contact area 80 μinch (2.03 μm) minimum Tin on terminal area Underplate of 80 μinch (2.03 μm) minimum nickel