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[3M](#)

[P50L-020S-RR1-TGF](#)

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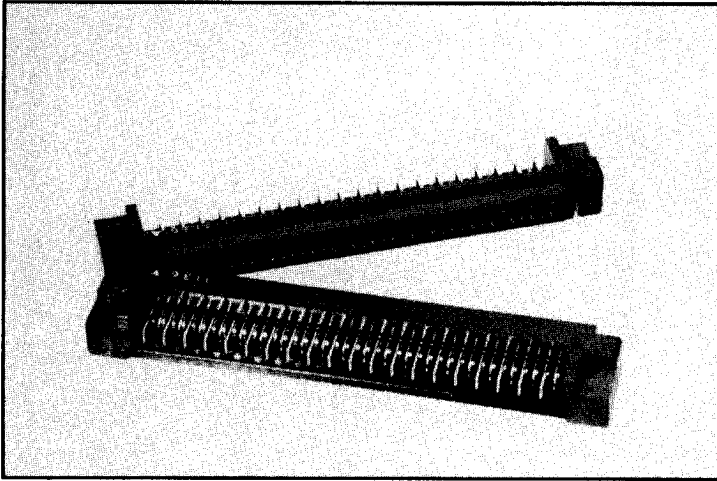
sales@integrated-circuit.com

RN PAK-50®



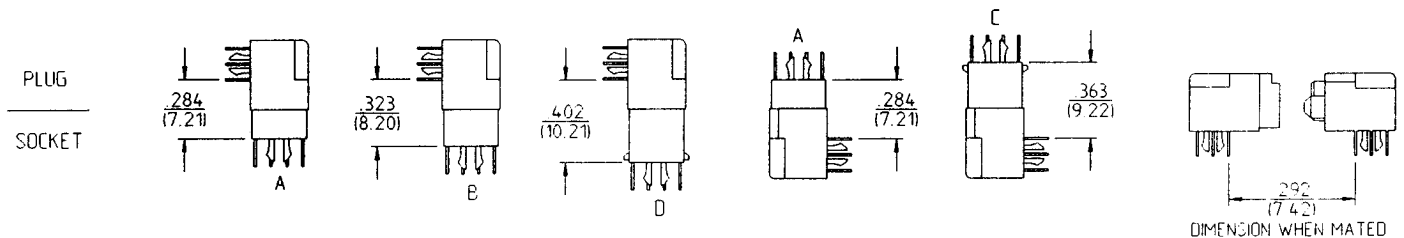
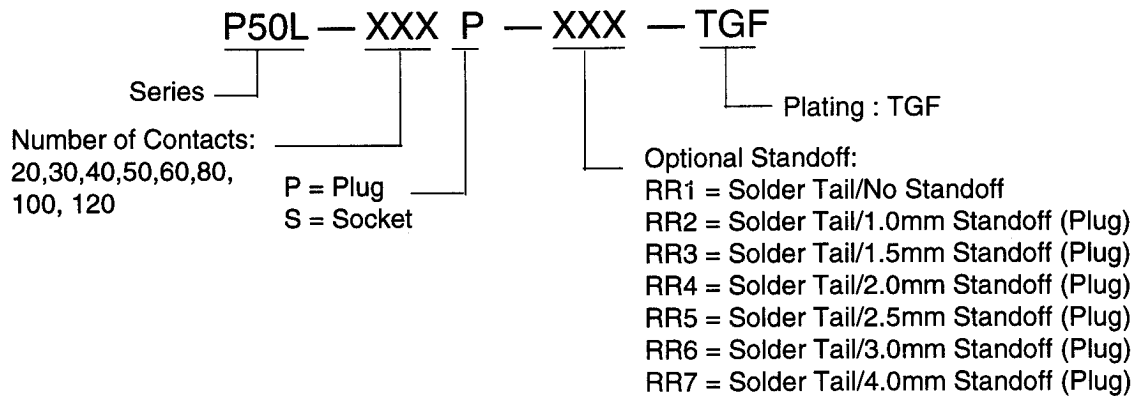
Low Profile 2-Piece Connectors

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