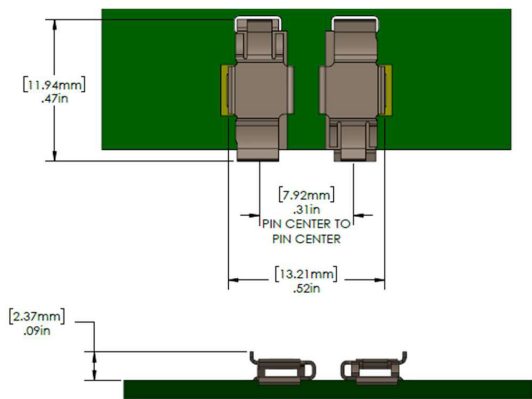


Circuit Board Thermocouple Connectors
For Miniature Connectors

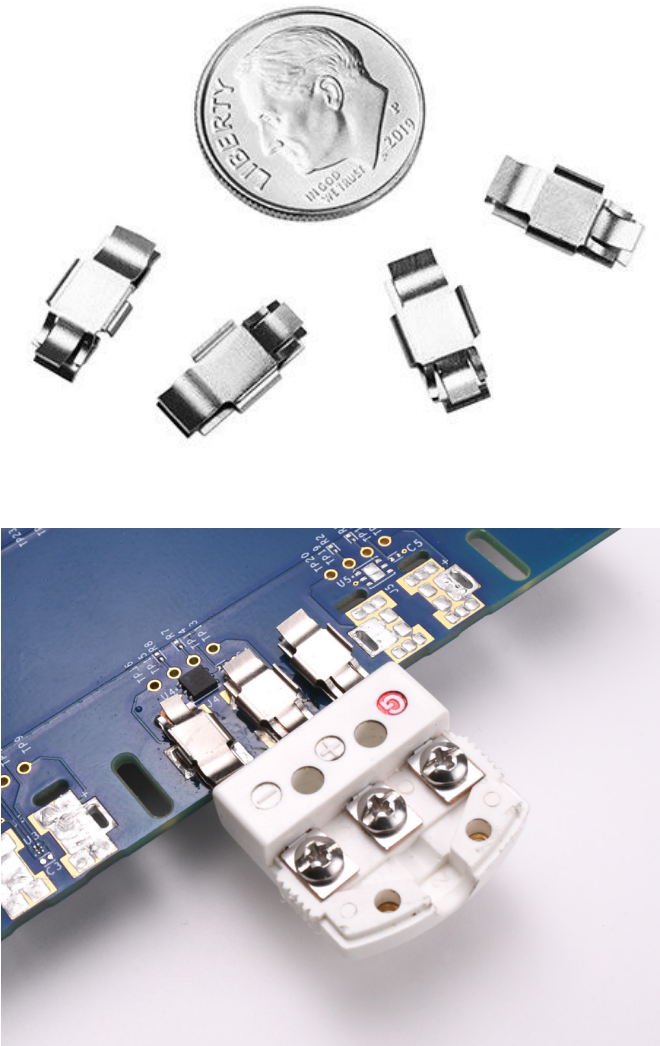
The PCC-SMD connector from Omega is perfect for bringing thermocouple, RTD, and/or thermistor probes to high volume production printed circuit boards. Take advantage of the built-in cold junction compensation features of your chosen analog to digital converter (ADC). The flat bottoms of these connectors have a superior design that thermally couples them to the circuit board for ideal cold-junction compensation. These SMT populated connectors can be used with any Thermocouple Calibration and are designed for low-cost, high-volume production. They also feature a patent-pending asymmetric design that prevents connectors from being plugged in backward. Connectors come conveniently packaged in 13" diameter tape-and-reel.

Features

- Surface mount device, solders directly to printed circuit boards; comes on a reel for use with pick-and-place machines
- Use in pairs for miniature 2-pin thermocouple connectors; also great for RTDs and Thermistors (use 1 contact per pin)
- Perfect for handheld thermometers and dataloggers
- Universal calibration, great accuracy when paired with integrated cold junction compensation
- Nickel-plated Beryllium Copper, -50 to 120°C (-58 to 248°F) ambient operating temperature range (higher with high temp PCB)
- Patent-pending design features reverse polarity protection for the error-proof assembly



Model No.	# of Connectors
PCC-SMD-20	Strip of 20 pcs
PCC-SMD-500	13" reel of 500 pcs
PCC-SMD-1000	13" reel of 1000 pcs



By using 3 connector clips, 3-wire RTDs can be brought to the board with an MTP-[®]-M connector.



Circuit board and male connector for reference only. Not included with connectors.

ALL DIMENSIONS IN mm UNLESS OTHERWISE NOTED

