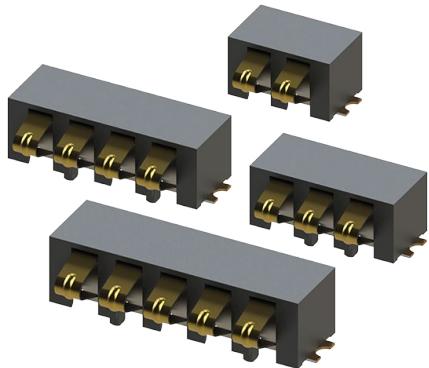


General Information



KYOCERA AVX has expanded its range of battery connectors with the addition of a low-profile, 2.5-mm pitch, right-angle connector. Offered in 2 to 5 positions, this connector is rated at 3 amps. Its small, compact design minimizes its profile, yet it is functionally stable with a contact point at 2.20 mm above the PCB.

This stamped contact's unique design allows for a maximum insulator height of 4.0 mm, making it size-compatible with more expensive pogo pin-style battery connectors.

KYOCERA AVX's complete family of battery connectors offers all the same advantages: a beryllium copper base material for enhanced contact performance; a full 3-amp current rating; selective gold plating for 5,000 mating cycles; and high-temperature plastic for RoHS soldering.

APPLICATIONS

- Mobile Phones
- Digital Music Players
- Any Handheld Devices
- Product Specification: Refer to 201-01-114

FEATURES AND BENEFITS

- Reliable stamped contact with coined nose
- Full 1.5mm nose deflection for large operating range
- Two anchor tabs for mechanical stability
- 5000 cycle durability rating
- Minimized X, Y and Z package dimensions

ELECTRICAL

- Current Rating: 3 Amps / Contact
- Voltage Rating: 125 VAC (RMS) or DC equivalent

ENVIRONMENTAL

- Operating Temperature: -40°C to +125°C
- Storage Temperature: -40°C to +70°C

MECHANICAL

- Insulator Material: Glass-Filled Nylon 46; UL94 HB
- Contact Material: Beryllium Copper
- Plating: Gold over Nickel
- Durability: 5000 Cycles

HOW TO ORDER

00	9155	00X
 Prefix	 Series	 No. of Ways
2 = 002		2 = 002
3 = 003		3 = 003
4 = 004		4 = 004
5 = 005		5 = 005

541
 Right Angle
Battery Connector
541 = Right Angle 2.5mm
Battery Connector

00X
 Plating Option
006 = 0.4µm Selective Gold, Standard
008 = 0.8µm Selective Gold, Special Order



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