RIGHT ANGLE 3.0MM PITCH: 9155-300

General Information





KYOCERA AVX has added a 90-degree version to its battery connector range. It is offered on a 3 mm pitch, in 2 to 6 contact positions, and is rated at 3 amps, as are all of the battery range. The small, compact design of the connector minimizes its profile while maintaining stability with a contact point 4.61 mm above the PCB.

This stability comes from extra SMT anchor brackets between the SMT contact pads at the front of the connector and within the row of contact SMT pads.

Like the other 9155 series battery connectors offered by KYOCERA AVX, the 90-degree version is rated at three amps and 5,000 mating cycles. It is RoHS-compliant, and the use of high-temperature plastic enables the connectors to be processed at up to 260°C.

APPLICATIONS

- · Mobile phones
- · Digital music players
- · Hand held terminals
- · Data terminals or any other small portable device
- Product Specification: Refer to 201-01-104

FEATURES AND BENEFITS

- Simple designed spring contact
- End to end stackable for larger pin counts
- Additional contact anchor brackets to added stability on the PCB
- Robust to shock and vibration
- Selectively plated contact area

ELECTRICAL

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

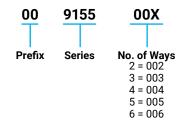
ENVIRONMENTAL

- · 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



Right Angle Battery Connector 301 = Right Angle 3.00mm Battery

Connector

301

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





Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

KYOCERA AVX:

 009155004003006
 009155005003006
 009155003003006
 009155003002006
 009155005001006

 009155003002006
 009155003003001
 009155004001006
 009155003001006
 009155002301006
 009155004301006

 009155005301008
 009155003301008
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