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

00	9155	00X	301	00X
Prefix	**Series**	**No. of Ways** 2 = 002 3 = 003 4 = 004 5 = 005 6 = 006	**Right Angle Battery Connector** 301 = Right Angle 3.00mm Battery Connector	**Plating Option** 006 = 0.4µm Selective Gold, Standard 008 = 0.8µm Selective Gold, Special Order

SALES DRAWINGS
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RoHS compliant

The Important Information/Disclaimer is incorporated in the catalog where these specifications came from or available online at www.kyocera-avx.com/disclaimer/ by reference and should be reviewed in full before placing any order.

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