

# 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**  
Prefix

**9155**  
Series

**00X**  
No. of Ways  
2 = 002  
3 = 003  
4 = 004  
5 = 005  
6 = 006

**301**  
Right Angle  
Battery Connector  
301 = Right Angle  
3.00mm Battery  
Connector

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



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