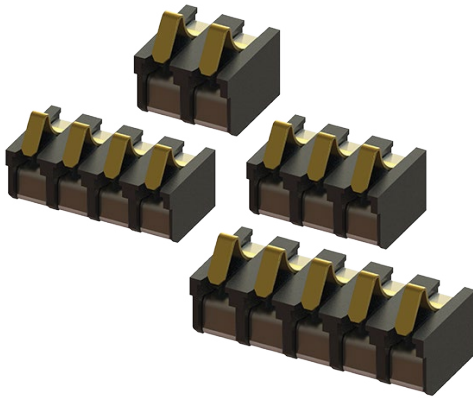# REDUCED 2.5MM PITCH: 9155-250
General Information

KYOCERA AVX Interconnect has extended its range of reduced battery board-to-board connectors. The new version, 9155-250, has a nominal working height of 4.5 mm, compared to the existing version, 9155-200, which has a nominal working height of 3 mm. These connectors are rated at 3 amps per contact on 2.5-millimeter centers. The 9155 series includes two through five position connectors that are end-to-end stackable.

The complete 9155 series of connectors from KYOCERA AVX offers the same advantages. Ultra-reliable, robust, gold-plated beryllium-copper contacts provide high-integrity connections in harsh environments with 5,000 mating operations and high-temperature nylon plastic for RoHS soldering. Additionally, the 9155-250 is made from halogen-free nylon.

APPLICATIONS

- Handheld/portable devices requiring docking or cradle charging
- Patient monitoring or portable medical electronics
- Industrial devices requiring pluggable or programming modules
- Internet appliances requiring battery back-up
- Product Specification: Refer to 201-01-093

FEATURES AND BENEFITS

- Insulator height 3.6mm
- Gold plated BeCu contacts provide high electrical and mechanical performance over 5000 mating cycles
- Halogen free high temperature nylon plastic, UL94V-0 rated
- End-to-end stackable

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: High Temperature Halogen Free Plastic to UL94V-0 rated
- Contact Material: Beryllium Copper
- Plating: Gold on Nose, Pure Tin SMT terminations over

HOW TO ORDER

00	9155	00X	251	00X
Prefix	Series	No. of Ways	Reduced Size Battery Connector	Plating Option

No. of Ways
2 = 002
3 = 003
4 = 004
5 = 005

Reduced Size Battery Connector

Code	Description
251	Reduced 2.5mm SIze Battery Connector

Plating Option

Code	Description
006	0.4μm Selective Gold, Standard

SALES DRAWINGS
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Mouser Electronics

Authorized Distributor

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[KYOCERA AVX](#):

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