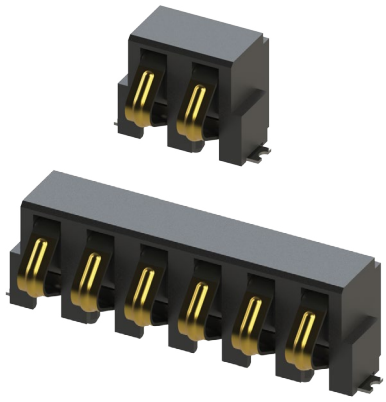
VERTICAL MATE 2.5MM PITCH: 9155-900

General Information



KYOCERA AVX has been manufacturing battery connectors for over 25 years and offers the widest standard range. The 2.5mm pitch, vertical mate 9155-900 series is the latest edition of battery connectors KYOCERA AVX is introducing to the market that could eliminate end-user damage when inserting pluggable modules or packs into a base unit.

Traditional right-angle connectors have contact geometries that rely on the pack being inserted at an angle and then rotated down into position. The unique contact design of the 9155-900 Series deflects cleanly and easily when a module or battery pack is pushed vertically into position, eliminating any damage to the end user.

The 9155-900 Series is rated for up to 5,000 mating cycles and has a contact nose with an anti-snag feature to protect during deflection.

APPLICATIONS

- Handheld/portable devices requiring docking or cradle charging
- Industrial devices requiring pluggable or programming modules
- Internet appliances and home appliance requiring battery back-up
- Automotive application requiring easy installation to removable unit or battery pack.
- Product Specification: Refer to 201-01-255
- Application Notes: Refer to 201-01-256

FEATURES AND BENEFITS

- Allows pluggable modules or packs to be inserted vertically.
- Unique contact design to eliminate end user damage.
- Reliable contact that survives automotive shock and vibration.
- Optional locating pins (pegs) can be made upon customer request.

ELECTRICAL

- Current Rating: Up to 3 Amps
- Voltage Rating; 500 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
- Contact Material: Beryllium Copper
- Number of mating operations:
- Horizontal Mating: 5000 cycles
- Vertical mating: Full deflection distance: 50 cycles
  Restricted deflection distance between 0.6mm to 1.0mm: 2000 cycles

HOW TO ORDER

00	9155	00X	95X	00X
Prefix	**Series**	**No. of Ways** 002 = 2 003 = 3 004 = 4 005 = 5 006 = 6	**Locating Pegs** 951 = Without Pegs 952 = With Pegs	**Plating Option** 006 = 0.4µm Gold 008 = 0.8µm Gold



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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