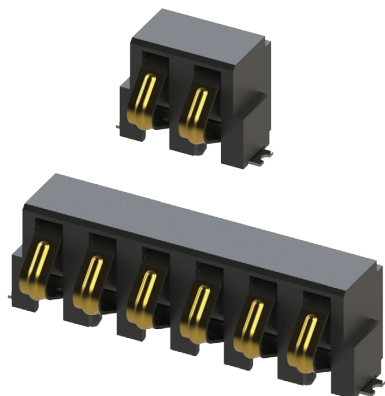


BATTERY CONNECTORS

Vertical Mate 2.5mm Pitch 9155-900



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-sag 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.

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 3A
- Voltage Rating: 500 VAC or DC Equivalent

ENVIRONMENTAL

- Operating Temperature: -40°C to +125°C
- Storage Temperature: -40°C to +60°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
Prefix	Series	No. of Ways
		002 = 2
		003 = 3
		004 = 4
		005 = 5
		006 = 6

95X
Locating Pegs
951 = Without Pegs
952 = With Pegs

00X
Plating Option
006 = 0.4µm Gold
008 = 0.8µm Gold

