



# VERTICAL DUAL ROW TOP ENTRY CARD EDGE

9159-650

## KEY SPECIFICATIONS

- > Size: 4pos – 12pos
- > Electrical:
  - ▶ Voltage = 300 VAC
  - ▶ Current = 2.5 AMP/Contact
- > Insulator: Nylon plastic, UL94V-0
- > Contact: Gold Plated  
Beryllium Copper
- > Durability: 10 cycles
- > Temperature: -40°C to +125°C

## BASIC OVERVIEW

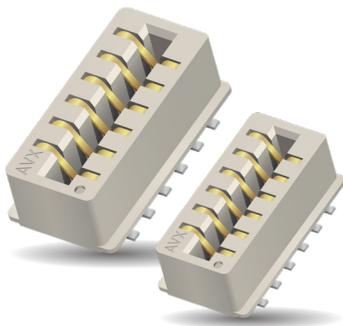
The KYOCERA AVX vertical card edge connector was originally designed for perpendicular Board-to-Board as single row contacts connection, but now KYOCERA AVX Interconnect is expanding with dual row version to fill the gap in the market.

## APPLICATIONS

- > Industrial
- > Lighting
- > Automotive

## TOP SELLING POINTS

- > Smaller Size
- > High Integrity Connections in Harsh Weather
- > Version with Polarization Key
- > Kapton Tape Version for Pick and Place  
Robotic Placement



## KEY SPECIFICATIONS

- > Low Profile
- > Small Footprint
- > Low Insertion Loss
- > High Rejection Out of Band
- > Great Performance Repeatability Lot-to-Lot



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### HOW TO ORDER

**Prefix** 00 **Series** 9159 **No. of Ways** 0XX **Insulator Color** 65X **Keying** 9 **Plating Options** 0 **Double Sided Thru Board Card Edge** 6

**Plating Options**  
 6 = Gold plating on nose with Tin on Tails

**Keying**  
 0 = without keying  
 1 = with keying

**Insulator Color**

Code	Color	Application
9	White	UL Approved Standard

**Double Sided Thru Board Card Edge**  
 651 = with Kapton Tape  
 653 = without Kapton Tape

Code	Size	Contacts
004	2x2	4
006	2x3	6
008	2x4	8
010	2x5	10
012	2x6	12

### FAQ'S

**Q: How is guaranteed correct insertion of mating PCB?**

A: Use version with polarization where the mating PCB layout is modified to form a key, to avoid wrong insertion to the connector.

**Q: Is it suitable for automotive applications?**

A: Compare customer qualification requirements with Product specification. KYOCERA AVX team is ready to discuss additional testing for application.

**Q: Is available different plating and number of positions?**

A: Not as standard, you can ask for special solution.



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