



# DUAL ROW INVERTED THRU BOARD CARD EDGE 9159-600 SERIES



[Click Here to View the 9159-600 Series Datasheet](#)

## BASIC OVERVIEW

KYOCERA AVX Interconnect continues to develop unique connectors to fill the gap in the market. The newest addition to KYOCERA AVX's broadening line of one piece card edge connectors is the 4p-12p Dual Row Inverted version 9159-600, which is extension of popular single row version 9159-500. This new configuration with staggered dual row contacts will allow doubled number of positions in similar size of the connector.

This small connector is packed with several key features that provide significant functionality in a broad range of applications. The proven contact system is gold plated for enhanced reliability, signal integrity and full 2.5A/contact current rating. The connector is designed for mating PCB board with 1.6mm thickness and gold plated pads.

## APPLICATIONS

Provides a one piece connector solution for perpendicular PCB mating in applications:

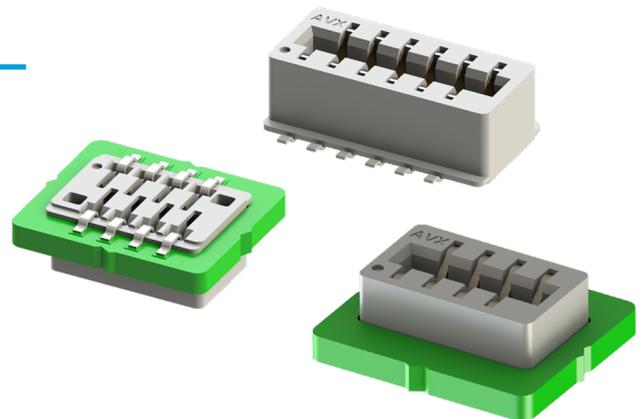
- Automotive
- Industrial
- Lighting

## KEY SPECIFICATIONS

- Size: 4 to 12 positions
- Voltage Rating: 300 VAC
- Current Rating: 2.5 Amps/Contact
- Operating Temperature: -40C to +125C
- Durability: 10 Cycles

## TOP SELLING POINTS / CHARACTERISTICS

- 2.5 Amps per contact current rating meets robust application requirements
- Doubled number of positions with dual row solution
- Gold plated BeCu contact system for high reliability in harsh environments
- Low profile thru board design does not interfere with Led's etc.
- High temperature Nylon UL94V-0 insulator material





[Click Here to View the 9159-600 Series Datasheet](#)

## IMMEDIATELY AVAILABLE PART NUMBERS:

### HOW TO ORDER

**00** **9159**  
Prefix Series

**0XX**  
No. of Ways

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

**601**  
Dual Row Inverted Thru Board Card Edge  
601 = with Kapton Tape  
603 = without Kapton Tape

**9**  
Insulator Color

| Code | Color | Application          |
|------|-------|----------------------|
| 9    | White | UL Approved Standard |

**0**  
Keying  
0 = Without keying

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

## FAQ'S

### Q: What is special about the 9159-600 Series?

A: This new series is inverted thru board version of 9159-650. It allows vertical connection of the mating board from the bottom, while SMT pads remains on the top of mother board.

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

A: KYOCERA AVX Vertical card edge series are widely used in automotive applications. Customer qualification requirements can be compared with Product specification, and additional testing can be discussed.

### Q: Are these UL rated?

A: Yes, they are rated to UL 1977.



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