



# DUAL ENTRY CARD EDGE CONNECTOR

## 9159-800 SERIES



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### BASIC OVERVIEW

KYOCERA AVX continues to expand its card edge product offering with a new Dual Entry Card Edge Connector, which is designed using field proven spring contact technology.

The newest addition to the broadening line of popular KYOCERA AVX card edge connectors is a dual entry mating solution featuring reduced pitch compression contacts, resulting in a small form factor vertical card edge connector. This new unique connector design allows connection of the mating board from either side of the board (top or bottom entry).

### APPLICATIONS

Provides a one-piece connector solution for vertical PCB mating:

- Automotive body electronics & infotainment
- Transportation
- Industrial & factory automation (sensors, light curtains...)
- Home automation
- White goods

### GENERAL CHARACTERISTICS

The Dual Entry Card Edge Connector features:

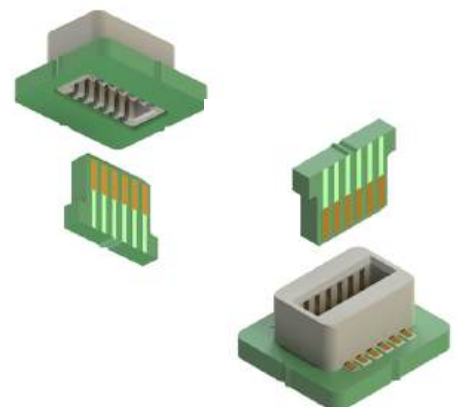
- Spring gold plated beryllium copper contacts with a reduced pitch of 1.0 mm.
- It provides high electrical and mechanical performance suitable for harsh environments like automotive and is available from 4 to 20 positions.
- The KYOCERA AVX proven compression contact technology offers easy installation without soldering, high reliability, low contact resistance, and up to 2A/contact current rating.

### KEY SPECIFICATIONS

- Sizes: 4 to 20 positions
- Electrical: Voltage: 150 VAC (rms) or DC equivalent  
Current: Up to 2 Amp / Contact
- Insulator: PA4T, UL94V-0, Halogen Free
- Contact: Beryllium copper, Gold over Nickel
- Durability: 50 cycles
- Environmental: Operating Temperature: -40°C to +125°C  
Storage Temperature: -40C to +60C

### TOP SELLING POINTS / CHARACTERISTICS

- Unique vertical card edge solution capable of mating from both sides of the board
- Excellent electrical and mechanical performance provides high integrity connections in harsh environments
- Small form factor vertical card edge connector
- Easy installation
- UL Approved





## IMMEDIATELY AVAILABLE PART NUMBERS

00-9159-004-801-906 (2 x 2 pos.)

00-9159-006-801-906 (2 x 3 pos.)

00-9159-008-801-906 (2 x 4 pos.)

00-9159-010-801-906 (2 x 5 pos.)

00-9159-012-801-906 (2 x 6 pos.)

00-9159-014-801-906 (2 x 7 pos.)

00-9159-016-801-906 (2 x 8 pos.)

00-9159-018-801-906 (2 x 9 pos.)

00-9159-020-801-906 (2 x 10 pos.)

**Color** - White

**Plating** - Gold

## FAQ'S

### Q: Can I use the connector for bottom entry application?

A: Yes, the same connector can be used for either top or bottom entry application.

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

A: KYOCERA AVX card edge connectors are widely used in automotive applications. Customer qualification requirements can be compared with Product specification. The KYOCERA AVX team is ready to discuss additional testing for application.

### Q: Is it available with different colors or number of positions?

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



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