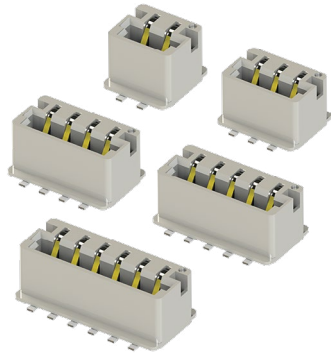


VERTICAL TOP ENTRY CARD EDGE BOARD TO BOARD: 9159-550



General Information



KYOCERA AVX continues to develop unique connectors to fill the gap in the industrial market, especially where low pin count requirements are concerned. The latest addition to KYOCERA AVX's expanding line of one-piece card edge connectors is the 2p-6p top entry version, which complements the bottom entry version released last year. This new configuration allows small vertical daughter cards to be inserted from the top of the motherboard. The single connector option provides an alternative to the more traditional and costly two-piece solution.

This small connector is packed with several key features that provide significant functionality in a wide range of rugged industrial applications. The contact system is gold-plated for enhanced reliability, signal integrity and a full 2A/contact current rating. The PCB opening is dual slotted to accept either a 0.8mm or 1.6mm daughter card within the same connector body.

APPLICATIONS

- Provides a one piece connector solution for low pin count perpendicular PCB mating in industrial applications
- Facilitates easy termination for small module/ programming cards
- Product Specification: Refer to 201-01-136
- Application Notes: Refer to 201-01-137

FEATURES AND BENEFITS

- Amp per contact current rating meets robust industrial application requirements
- Removable pick and place cap supports robotic placement and SMT termination
- Gold plated BeCu contact system for high reliability in harsh environments
- Accepts both 0.8mm and 1.6mm PCB's for added design options

ELECTRICAL

- Current Rating: 2 Amps / Contact
- Voltage Rating: 300 VAC (RMS) or DC equivalent

ENVIRONMENTAL

- Operating Temperature: -40°C to +120°C
- Storage Temperature: -40°C to +70°C

MECHANICAL

- Insulator Material: Nylon UL94V0
- Contact Material: Beryllium Copper
- Plating: Gold / Tin over Nickel
- Durability 10 Cycles

HOW TO ORDER

00 **9159** **00X**
 Prefix Series Number of Ways
 002 = 2
 003 = 3
 004 = 4
 005 = 5
 006 = 6

551
 Single Part PCB Strip Connector
 551 = Top Mounting on Board Edge Card

9
 Insulator Color
 8 = Black (Special)
 9 = White (Standard)

0
 Pick and Place Options
 0 = Tape Applied
 1 = No Tape Applied

6
 Packaging Options
 06 = Gold Plating on Nose with Tin on Tails


SALES DRAWINGS
 CLICK TO DOWNLOAD

Safety Standards: UL 1977-File #E90723, CSA C22.2 NO. 182.3

