



HERMAPHRODITIC WTW & WTB CONNECTOR

9288-000 SERIES



[Click Here to View the 9288-000 Series Datasheet](#)

BASIC OVERVIEW

KYOCERA AVX is expanding its product offering with the new 9288-000 series of Hermaphroditic connectors. This two-piece wire-to-wire and wire-to-board solution utilizes our proven Poke-Home technology for easy wire installation in the field.

Wire-to-wire termination is performed using two identical parts mating with each other, resulting in only one part number on the bill of materials. Wire-to-board connection is accomplished with the same part as with wire-to-wire but mating to an SMT version soldered to the PCB.

The 9288-000 connectors feature plastic latches for good mechanical retention. Available from 2 to 4 positions with a wire gauge range of 16 to 18 AWG, solid or stranded wires, on a 5mm pitch. There are two housing color options (orange or white) and plating is tin over nickel.

APPLICATIONS

Provides a connector solution for applications:

- Industrial Wire-To-Wire
- Industrial Wire-To-Board
- Field termination

KEY SPECIFICATIONS

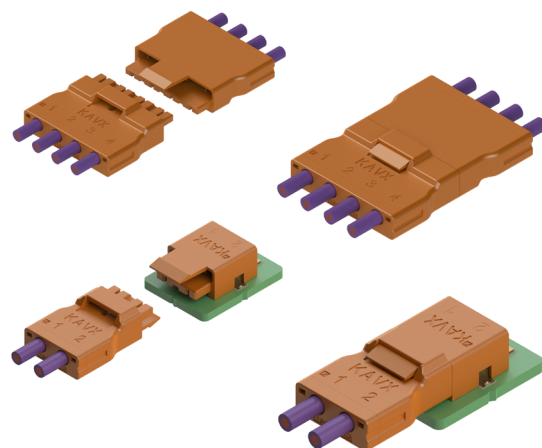
Sizes:	2 to 4 positions
Electrical:	Voltage: 600 VAC (RMS) or DC Equivalent
	Current: 7 Amp / Contact for 16AWG
	6 Amp / Contact for 18AWG
Insulator:	Glass-filled PBT
Contact:	Phosphor-bronze, plating tin over nickel gold
Durability:	Wire replacement: 3 cycles
	Connector mate/unmate: 20 cycles
Environmental:	Operating Temperature: -40°C to +125°C

GENERAL CHARACTERISTICS

- UL Approved
- Supports 16 to 18 AWG, solid or stranded wires
- Only 1 part number on the BOM (Wire-to-Wire version)
- Simple strip and poke-home wire insertion with twist and pull wire extraction

TOP SELLING POINTS / CHARACTERISTICS

- The new Hermaphroditic 9288-000 is very unique WTW or WTB connection, using proven Poke-Home technology
- Very good electrical and mechanical performance provide high integrity connections in industrial applications
- Only one part number for both pieces of WTW connection
- Easy installation and mating locking feature





KYOCERA AVX ADVANTAGE VS. COMPETITOR PRODUCT

Advantages:

- Contact is made of Phosphor-Bronze as the base material as it is the most durable and reliable over the life cycle of a product. Customers often see field failures with lower grade metals.
- WTW solution is using the same identical part number as both mating parts.
- Utilizes Poke-Home contact technology, for easy wire installation without any tool

IMMEDIATELY AVAILABLE PART NUMBERS

00 9288 002 000 706 (2p, 16-18AWG, WTW, orange)
 00 9288 002 000 906 (2p, 16-18AWG, WTW, white)
 00 9288 003 000 706 (3p, 16-18AWG, WTW, orange)
 00 9288 003 000 906 (3p, 16-18AWG, WTW, white)
 00 9288 004 000 706 (4p, 16-18AWG, WTW, orange)
 00 9288 004 000 906 (4p, 16-18AWG, WTW, white)

00 9288 002 001 706 (2p, WTB, orange)
 00 9288 002 001 906 (2p, WTB, white)
 00 9288 003 001 706 (3p, WTB, orange)
 00 9288 003 001 906 (3p, WTB, white)
 00 9288 004 001 706 (4p, WTB, orange)
 00 9288 004 001 906 (4p, WTB, white)

FAQ'S

Q: How is the correct termination of mating parts guaranteed?

A: The 9288-000 locking latch offers secure locking function for more reliability.

Q: Is it suitable for automotive applications?

A: No, this product is recommended for industrial and lighting applications.

Q: Is it available for other wire sizes and number of positions?

A: Not as standard, please message us should you need a special solution.



NORTH AMERICA

Perrin Hardee
Product Marketing Manager

TEL: +1 (864) 962 6185
Email: perrin.hardee@kyocera-avx.com

EUROPE

Jiri Vojacek
Product Manager

TEL: +420 575 757 564
Email: jiri.vojacek@kyocera-avx.com

ASIA

Nick Lee
Product Manager

TEL: +886 2 2567 2008
Email: nick.lee@kyocera.com.sg