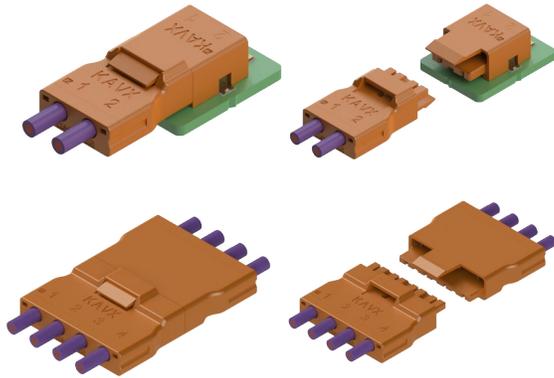


# HERMAPHRODITIC WTW & WTB CONNECTOR: 9288-000



## General Information



### GENERAL DESCRIPTION

KYOCERA AVX is expanding its product offering with the 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 series features 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

- Industrial Wire-To-Wire
- Industrial Wire-To-Board
- Field termination
- Product Specification: Refer to 201-01-238
- Application Notes: Refer to 201-01-250

### FEATURES AND BENEFITS

- 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
- Easy installation and mating locking feature

### ELECTRICAL

- Current Rating: 7 Amp / Contact for 16AWG  
6 Amp / Contact for 18AWG
- Voltage Rating: 600 VAC (RMS) or DC Equivalent

### ENVIRONMENTAL

- Operating Temperature: -40°C to +125°C
- Storage Temperature: -40°C to +60°C

### MECHANICAL

- Insulator Material: Glass-Filled PBT
- Contact Material: Phosphor-Bronze
- Plating: Lead-Free Tin over Nickel
- Durability : Wire replacement - 3 cycles  
Connector mate/unmate - 20 cycles

### HOW TO ORDER

**00**  
Prefix  
00 = Standard Products

**9288**  
Series

**00X**  
Number of Ways

Code	No of Ways
002	2
003	3
004	4

**00X**  
Type  
000 = Wire-to-Wire  
001 = Wire-to-Board

**X**  
Housing Color  
9 = White  
7 = Orange

**06**  
Plating Option  
06 = Tin over Nickel



**SALES DRAWINGS**  
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\*Notes:  
Current rating refers to the smallest wire.  
Solid or Stranded wire accepted.  
More than 19 strands per wire not recommended.

Safety Standards: UL 1977-File #E90723