Thru Wire Connector 16AWG: WTW
9286-300

AVX INTERCONNECT
A KYOCERA GROUP COMPANY
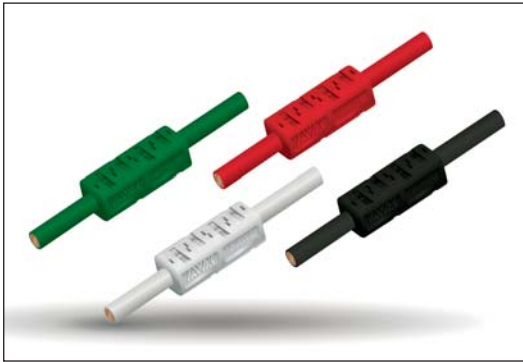
Poke-Home wire-to-wire connectors have been proven to be very simple and reliable over the past several years. Until today, they have been focused on the light industrial wire gauge ranges of 18AWG to 24AWG.

The latest product has just been developed to address the heavier 12AWG to 18AWG applications and will begin rolling out starting with the 16AWG-18AWG product in a single (one wire) version. This new 300 series of connectors employs a single, phosphor bronze contact technology with a center wire stop. Accepting both solid and stranded wires, pre-stripped wires can be easily inserted and then twist and pulled to be removed.

APPLICATIONS

- Industrial Machine Controls: motors, drives, solenoids, pumps, coils or transformers
- Commercial Building: controls, security and fire
- Smart Grid: meters, breakers and panels
- SSL: fixtures and wiring
- Application notes: refer to 201-01-218

FEATURES AND BENEFITS

- Simple strip and poke-home wire insertion with twist and pull wire extraction
- One-Piece contact with high force contact beams provide mechanical stability and wire retention
- Integral wires stop prevents over insertion
- Initial -316 product will accept both 16AWG and 18AWG solid and stranded wires

ELECTRICAL

- Current Rating: 16/18AWG 10 Amps
- Voltage Rating: 600 V

ENVIRONMENTAL

- Operating Temperature: -40ºC to +105ºC

MECHANICAL

- Contact Material: Phosphor Bronze
- Plating: Pure Tin Over Nickel
- Durability: 5 Cycles

HOW TO ORDER

00	9286	001	3XX	X	06

Prefix
00 = Standard Product

Series

No. of Ways
001 = 1

Wire Size*
316 = 16AWG/1.3 – 1.6mm²
18AWG/0.8 – 1.0mm²

Housing Color
9 =

CODE	HOUSING COLOR	UL APPROVAL
9	White/Natural	Pending
8	Black	Pending
2	Brown	Pending
3	Blue	Pending
4	Yellow	Pending
5	Red	Pending
6	Green	Pending
7	Orange	Pending

Plating Option
06 = Lead-Free Tin All Over
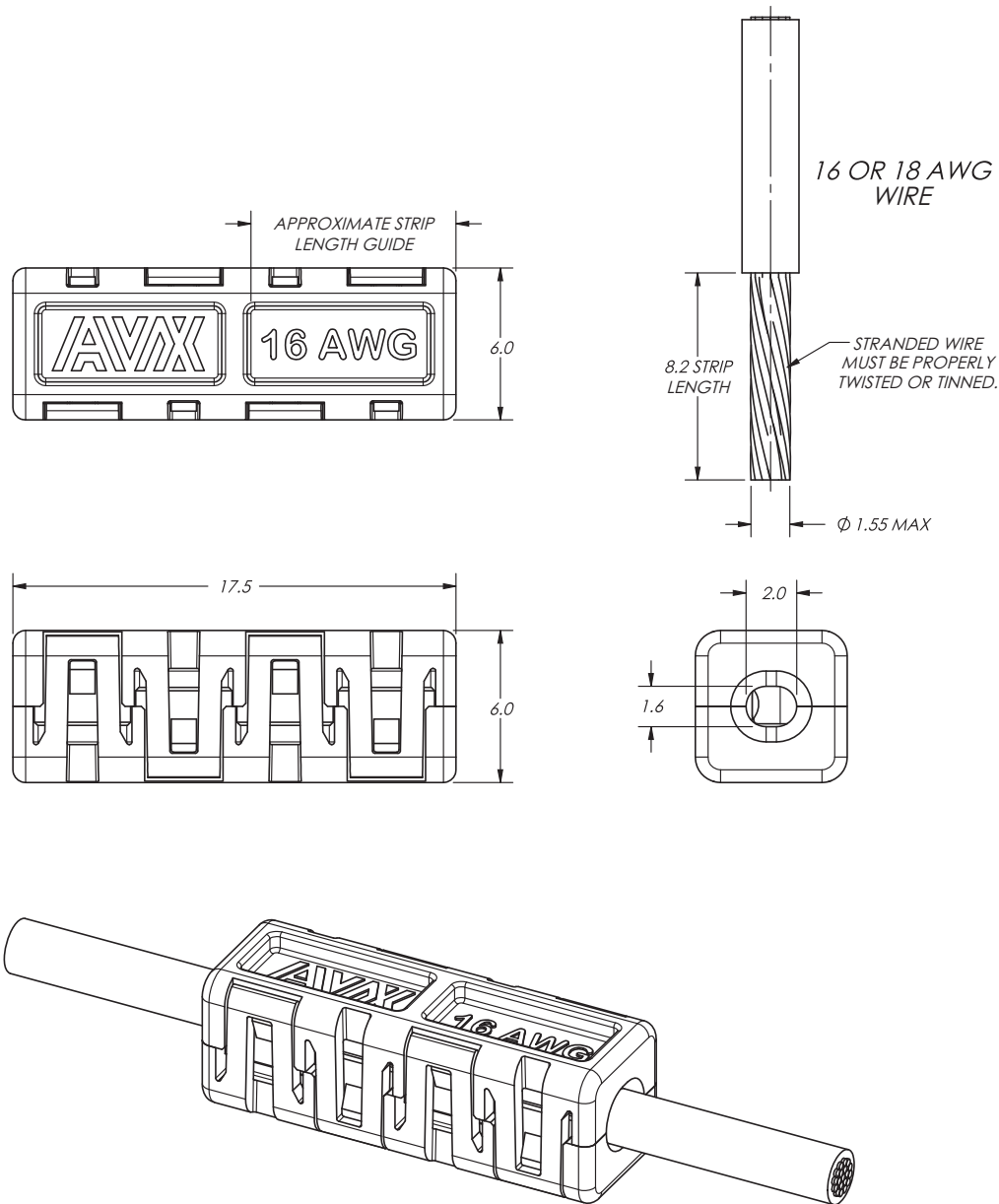
*Solid or Standed wire accepted:
more than 19 strands per wire not recommended.

Certification: UL File #E90723

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00-9286-001-316-X06

APPROXIMATE STRIP
LENGTH GUIDE

16 AWG

6.0

16 OR 18 AWG
WIRE

8.2 STRIP
LENGTH

STRANDED WIRE
MUST BE PROPERLY
TWISTED OR TINNED.

∅ 1.55 MAX

17.5

6.0

2.0

1.6

PACKAGING TO BE IN BULK: 500 PER BAG.