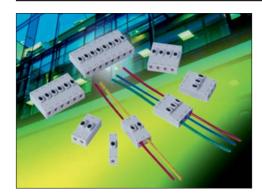
Series 9286





Wire-to-Wire connectors have been used in the industrial market for years with traditional 2-Piece (plug and socket) connector systems which require crimp and poke wire terminations to connect electrical or electronic components. In the general wiring market (2-3 wires) there are a number of connector styles available, however, they are limited in sizes, expanded wire gauges and the ability to reuse them when repair or replacement is needed. Based on the existing success of "Poke Home" wire-to-board connectors, AVX has developed a new family of wire-to-wire connectors to meet the cost, flexibility and ease-of-use targets in industrial wiring applications.

The 9286 series of Thru-Wire connectors provides a high spring force Beryllium Copper contact system that uses simple push button activation to insert and remove individual stripped wires in the connection process. There is a forward and aft shrouded (to prevent accidental activation) push button for each wire connection that can be operated individually or simultaneously with a simple plastic tool or ball point pen tip. Up to eight wires can be electrically connected in a single connector body which will support any combination of wire gauges from 18AWG up to 26 AWG. Wires can be removed or replaced up to 5 times so there is no need to replace the connector in a new installation.

APPLICATIONS

- Industrial/Machine Control; motors, solenoids, PLC's, pumps, valves, sensors, fans...
- Commercial/Building; fixtures, fire, security, surveillance, blinds, sensors, controls...
- Commercial/Industrial LED; retail, office, manufacturing, signage, displays...
- Application notes; refer to 201-01-135

FEATURES AND BENEFITS

- High spring force top contact provides a lance type retention to capture and retain the wire
- Shrouded dual push button activation for easy wire insertion/removal
- Accepts 18-26AWG Solid and Stranded wires; any combination
- Expanded size offering to maximize application potential; 1, 2, 3, 4, 6 & 8 positions
- Optional mounting tape to secure in panel mounting applications
- Molded in position numbers and schematic for easy identification

ELECTRICAL

- Current Rating: 8 Amps / Contact
- Voltage Rating: 300 VAC

ENVIRONMENTAL

• Operating Temperature: -40°C to +125°C

MECHANICAL

- Insulator Material: Glass-Filled Nylon 46; UL94V0
- Contact Material: Beryllium Copper / Phosphor Bronze
- Plating: Tin over Nickel
- Replacibility: 5 Cycles

HOW TO ORDER



Wire Size					
Code	Wire	Max	Max		
	Gauge	Conductor	Insulation		
021	18 to 26	1.05mm	2.10mm		
	AWG	Diameter	Diameter		

001



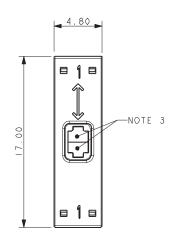


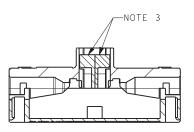
Certification: UL File #E90723



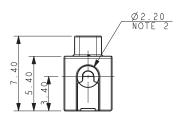
Series 9286

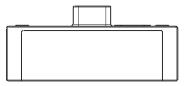
18-26 AWG 1 WAY POKE HOME - THRU WIRE





SECTION ON A-A







PACKING DETAILS

Pack 400 pieces in a clear plastic bag.

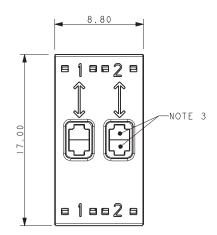
- 1. 1 WAY WIRE TO WIRE "POKE HOME" CONNECTOR, BUTTON OPERATED.
- 2. WIRE SIZES 18-26 AWG, MAXIMUM INSULATION DIAMETER 2.10MM.
- 3. SPLIT BUTTON ALLOWS THE WIRES TO BE INSERTED/WITHDRAWN INDEPENDENTLY.
- 4. INSULATION MATERIAL: NYLON 46, GLASS FILLED, UL94 V-0. COLOR SEE PAGE 1.
- 5. CONTACT MATERIAL: TIN PLATED COPPER ALLOY.
- 6. FOR FULL SPECIFICATION REFER TO ELCO SPECIFICATION 201-01-132. FOR APPLICATION NOTES REFER TO ELCO SPECIFICATION 201-01-135.
- 7. GENERAL TOLERANCE ±0.20MM.
- 8. WIRE STRIP LENGTH GUIDE, SEE PAGE 8.
- 9. ADHESIVE STRIP FOR PANEL MOUNTING REFER TO PAGE 9.
- 10. FOR UL PRODUCT CODES UL REFERENCE E90723 (US AND CANADA).

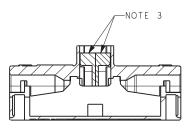




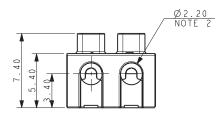
Series 9286

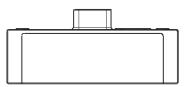
18-26 AWG 2 WAY POKE HOME - THRU WIRE

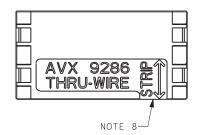




SECTION ON A-A







PACKING DETAILS

Pack 400 pieces in a clear plastic bag.

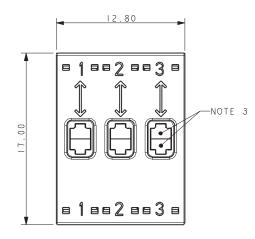
- 1. 2 WAY WIRE TO WIRE "POKE HOME" CONNECTOR, BUTTON OPERATED.
- 2. WIRE SIZES 18-26 AWG, MAXIMUM INSULATION DIAMETER 2.10MM.
- 3. SPLIT BUTTON ALLOWS THE WIRES TO BE INSERTED/WITHDRAWN INDEPENDENTLY.
- 4. INSULATION MATERIAL: NYLON 46, GLASS FILLED, UL94 V-0. COLOR SEE PAGE 1.
- 5. CONTACT MATERIAL: TIN PLATED COPPER ALLOY.
- 6. FOR FULL SPECIFICATION REFER TO ELCO SPECIFICATION 201-01-132.
 - FOR APPLICATION NOTES REFER TO ELCO SPECIFICATION 201-01-135.
- 7. GENERAL TOLERANCE ±0.20MM.
- 8. WIRE STRIP LENGTH GUIDE, SEE PAGE 8.
- 9. ADHESIVE STRIP FOR PANEL MOUNTING REFER TO PAGE 9.
- 10. FOR UL PRODUCT CODES UL REFERENCE E90723 (US AND CANADA).

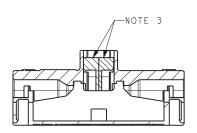




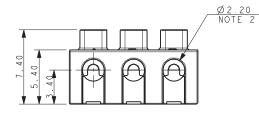
Series 9286

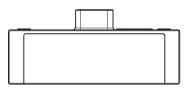
18-26 AWG 3 WAY POKE HOME - THRU WIRE

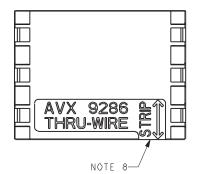




SECTION ON A-A







PACKING DETAILS

Pack 400 pieces in a clear plastic bag.

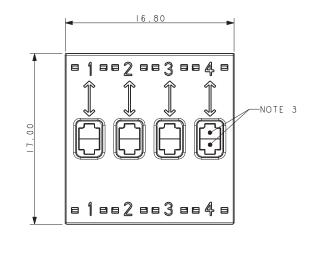
- 1. 3 WAY WIRE TO WIRE "POKE HOME" CONNECTOR, BUTTON OPERATED.
- 2. WIRE SIZES 18-26 AWG, MAXIMUM INSULATION DIAMETER 2.10MM.
- 3. SPLIT BUTTON ALLOWS THE WIRES TO BE INSERTED/WITHDRAWN INDEPENDENTLY.
- 4. INSULATION MATERIAL: NYLON 46, GLASS FILLED, UL94 V-0. COLOR SEE PAGE 1.
- 5. CONTACT MATERIAL: TIN PLATED COPPER ALLOY.
- 6. FOR FULL SPECIFICATION REFER TO ELCO SPECIFICATION 201-01-132.
- FOR APPLICATION NOTES REFER TO ELCO SPECIFICATION 201-01-135.
- 7. GENERAL TOLERANCE ±0.20MM.
- 8. WIRE STRIP LENGTH GUIDE, SEE PAGE 8.
- 9. ADHESIVE STRIP FOR PANEL MOUNTING REFER TO PAGE 9.
- 10. FOR UL PRODUCT CODES UL REFERENCE E90723 (US AND CANADA).

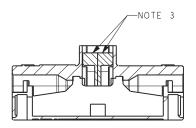




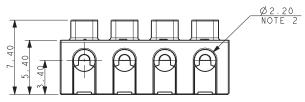
Series 9286

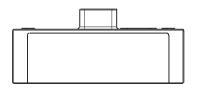
18-26 AWG 4 WAY POKE HOME - THRU WIRE

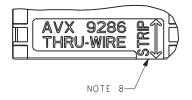




SECTION ON A-A







PACKING DETAILS

Pack 400 pieces in a clear plastic bag.

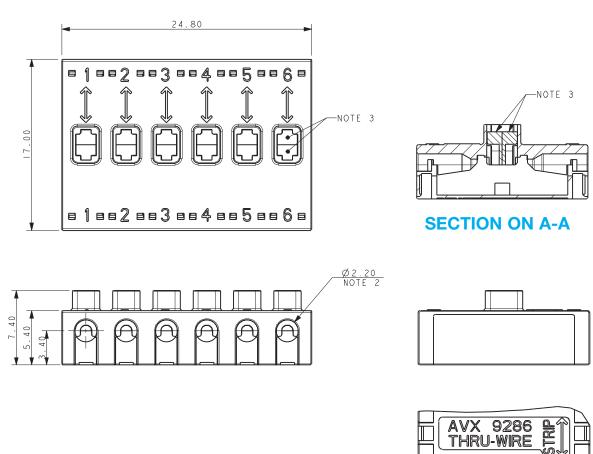
- 1. 4 WAY WIRE TO WIRE "POKE HOME" CONNECTOR, BUTTON OPERATED.
- 2. WIRE SIZES 18-26 AWG, MAXIMUM INSULATION DIAMETER 2.10MM.
- 3. SPLIT BUTTON ALLOWS THE WIRES TO BE INSERTED/WITHDRAWN INDEPENDENTLY.
- 4. INSULATION MATERIAL: NYLON 46, GLASS FILLED, UL94 V-0. COLOR SEE PAGE 1.
- 5. CONTACT MATERIAL: TIN PLATED COPPER ALLOY.
- 6. FOR FULL SPECIFICATION REFER TO ELCO SPECIFICATION 201-01-132. FOR APPLICATION NOTES REFER TO ELCO SPECIFICATION 201-01-135.
- 7. GENERAL TOLERANCE ±0.20MM.
- 8. WIRE STRIP LENGTH GUIDE, SEE PAGE 8.
- 9. ADHESIVE STRIP FOR PANEL MOUNTING REFER TO PAGE 9.
- 10. FOR UL PRODUCT CODES UL REFERENCE E90723 (US AND CANADA).





Series 9286

18-26 AWG 6 WAY POKE HOME - THRU WIRE



NOTE 8-

PACKING DETAILS

Pack 400 pieces in a clear plastic bag.

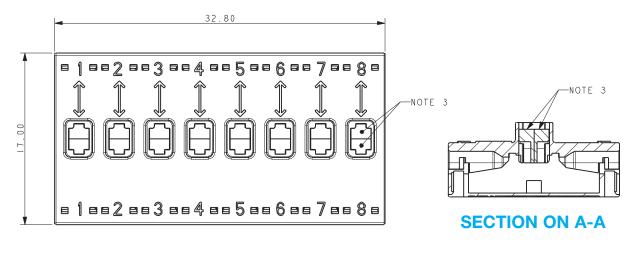
- 1. 6 WAY WIRE TO WIRE "POKE HOME" CONNECTOR, BUTTON OPERATED.
- 2. WIRE SIZES 18-26 AWG, MAXIMUM INSULATION DIAMETER 2.10MM.
- 3. SPLIT BUTTON ALLOWS THE WIRES TO BE INSERTED/WITHDRAWN INDEPENDENTLY.
- 4. INSULATION MATERIAL: NYLON 46, GLASS FILLED, UL94 V-0. COLOR SEE PAGE 1.
- 5. CONTACT MATERIAL: TIN PLATED COPPER ALLOY.
- 6. FOR FULL SPECIFICATION REFER TO ELCO SPECIFICATION 201-01-132. FOR APPLICATION NOTES REFER TO ELCO SPECIFICATION 201-01-135.
- 7. GENERAL TOLERANCE ±0.20MM.
- 8. WIRE STRIP LENGTH GUIDE, SEE PAGE 8.
- 9. ADHESIVE STRIP FOR PANEL MOUNTING REFER TO PAGE 9.
- 10. FOR UL PRODUCT CODES UL REFERENCE E90723 (US AND CANADA).

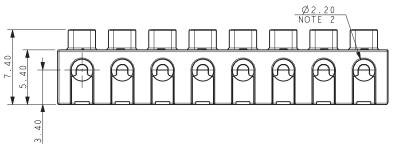


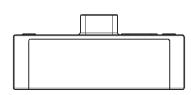


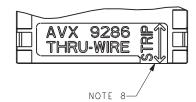
Series 9286

18-26 AWG 8 WAY POKE HOME - THRU WIRE









PACKING DETAILS

Pack 400 pieces in a clear plastic bag.

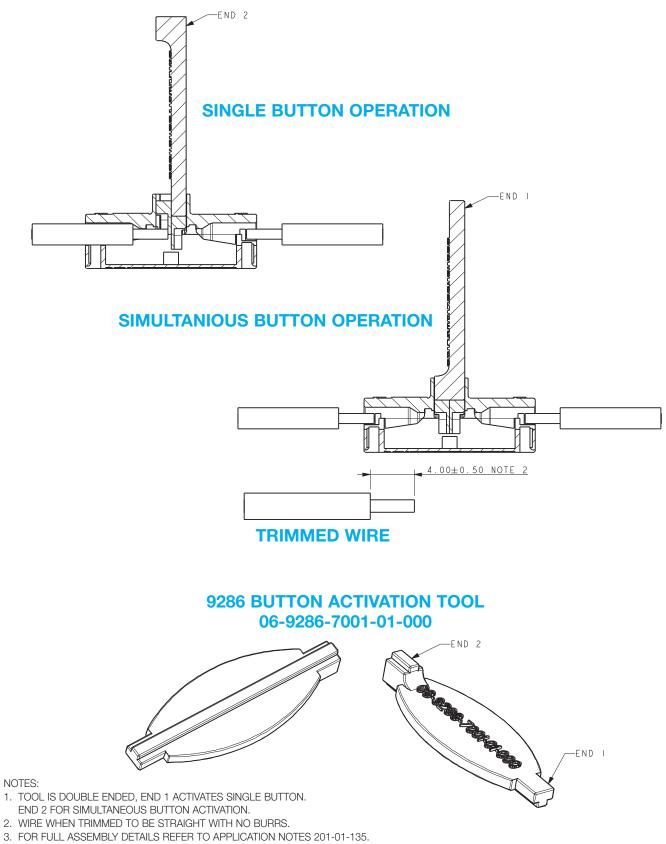
- 1. 8 WAY WIRE TO WIRE "POKE HOME" CONNECTOR, BUTTON OPERATED.
- 2. WIRE SIZES 18-26 AWG, MAXIMUM INSULATION DIAMETER 2.10MM.
- 3. SPLIT BUTTON ALLOWS THE WIRES TO BE INSERTED/WITHDRAWN INDEPENDENTLY.
- 4. INSULATION MATERIAL: NYLON 46, GLASS FILLED, UL94 V-0. COLOR SEE PAGE 1.
- 5. CONTACT MATERIAL: TIN PLATED COPPER ALLOY.
- 6. FOR FULL SPECIFICATION REFER TO ELCO SPECIFICATION 201-01-132. FOR APPLICATION NOTES REFER TO ELCO SPECIFICATION 201-01-135.
- 7. GENERAL TOLERANCE ±0.20MM.
- 8. WIRE STRIP LENGTH GUIDE, SEE PAGE 8.
- 9. ADHESIVE STRIP FOR PANEL MOUNTING REFER TO PAGE 9.
- 10. FOR UL PRODUCT CODES UL REFERENCE E90723 (US AND CANADA).





Series 9286





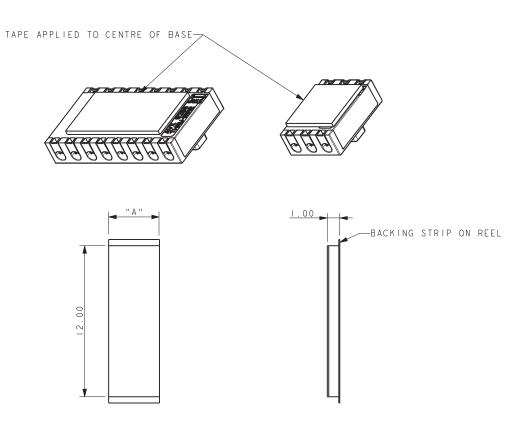
4. SUPPLIED IN PACKS OF 100 PIECES.





08-9286-400X-00-000 ADHESIVE MOUNTING TAPE

ACCESSORY NOT SUPPLIED WITH CONNECTORS



		Matching Connectors	
Part Number	Dimension "A"	00-9286-00X-021-X06	00-9286-00X-121-X06
		Thru Wire	Junction Box
80-9286-4001-00-000	4.00	1 Way	N/A
80-9286-4002-00-000	8.00	2 Way	4 Way
80-9286-4003-00-000	12.00	3 and 4 Way	6 and 8 Way
80-9286-4006-00-000	24.00	6 and 8 Way	N/A

- 1. DOUBLE SIDED FOAM FILLED ADHESIVE TAPE.
- 2. WIDTH FOR 1 WAY, 2 WAY, 3 WAY AND 6 WAY CONNECTORS, FOR LENGTH SEE TABLE.
- 3. USED FOR ADHERE A 9286 CONNECTOR TO A FLAT SURFACE.
- 4. SOME SURFACES MAY REQUIRE THE USE OF A CLEANING SOLVENT TO ACHIEVE BEST RESULTS.
- 5. SUPPLIED CUT TO SIZE ON A REEL ON AN OVERSIZE BACKING STRIP PARTS 400 PER REEL.



Authorized Distribution Brand :



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Welcome to visit www.ameya360.com

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