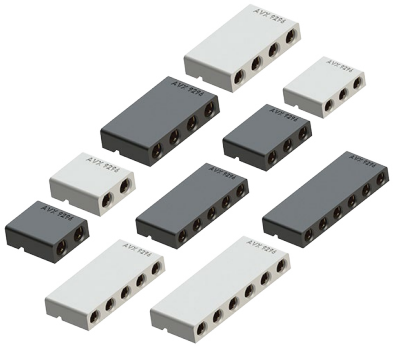
POKE-HOME - LOW PROFILE HORIZONTAL 20-26 AWG: 9296-200

General Information



The 9296-200 Series connector provides fast and reliable wire-to-board termination in a slim 3.0mm pitch by 2.5mm high SMT package for a wide range of industrial and commercial applications. With almost every product on the market having to deal with a small number of discrete wires connecting components to a PCB, the 9296 Series meets this challenge by simply stripping the wire and inserting it into a 1 to 6 position connector. This makes the connector very cost effective and easy to terminate both in the factory and in the field by electrical installers.

Designed for harsh industrial applications, the connector integrates the proven 2mm dual-beam poke-home contact into a connector shell. The high spring force phosphor bronze contact accepts a wide range of wires (20-26 AWG solid or stranded) to accommodate any wire combination in a single connector.

APPLICATIONS

- Machine Controls: motors, drives, solenoids, sensors, fans and pumps
- Commercial Buildings: controls, security, fire and sensors
- Smart Grid: meters, breakers and panels
- SSL/LED: bulbs, fixtures, signage and streetlights
- Application Notes: Refer to 201-01-167
- Product Specification: Refer to 201-01-166

FEATURES AND BENEFITS

- Simple strip and poke-home wire insertion with easy twist and pull wire extraction
- 2.5mm height achieves the lowest height possible for this AWG range
- Accepts 20-26 AWG solid and stranded wires
- High spring force dual beam box contact provides maximum mechanical stability and wire retention
- UL approved
- Halogen free

ELECTRICAL

- Current Rating: See matrix below
- Voltage Rating: 300 VAC (RMS) or DC Equivalent

ENVIRONMENTAL

- Operating Temperature: -40°C to +130°C
- Storage Temperature: -40°C to +70°C

MECHANICAL

- Insulator Material: Glass-Filled Nylon 46; UL94V0
- Contact Material: Phosphor Bronze
- Plating: Tin over Nickel
- Durability: 3 Cycles

HOW TO ORDER

00	9296	00X	2X	2	X	X	6
Prefix	**Series**	**Number of Ways** 001 = 1 002 = 2 003 = 3 004 = 4 005 = 5 006 = 6	**Description** 20 = Horizontal SMT Mount Poke Home Connector 21 = Horizontal SMT Mount Poke Home Connector for pass through mating pins	**Wire Gauge Size** 20 AWG to 26 AWG Max ø 1.60mm	**Insulator Color** All Sizes **9 = UL White (Standard)** 8 = UL Black (Special Order) One Way Only (Special Order) 2 = UL Brown 3 = UL Blue 4 = UL Yellow 5 = UL Red 6 = UL Green 7 = UL Orange	**Halogen Free** 0 = No 1 = Yes	**Plating Options** 6 = Pure Tin over Nickel

SALES DRAWINGS
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CURRENT RATING

	20 AWG	22 AWG	24 AWG	26 AWG
UL	8A	7A	6A	5A
cUL	6A	5A	3.75A	3.75A

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

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