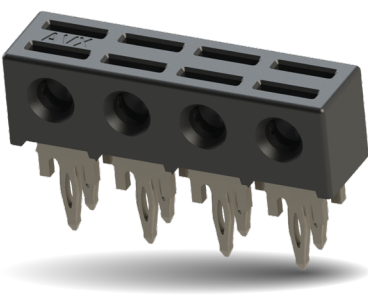


IDC/Press-Fit Wire-To-Board: 18-24 AWG

53-8702



For more than a decade, insulation displacement contacts (IDC) and press-fit or compliant pin technology have been proven to be two of the most reliable contact systems in critical automotive systems such as: airbag, engine and transmission control units.

KYOCERA AVX has combined these two contact technologies into a unique, high reliability WTB connection system to replace traditional 2-Piece solutions, offering designers a new packaging option.

APPLICATIONS

- Automotive electronic systems
- Application Notes: Refer to 201-01-224
- Product Specification: Refer to 201-01-228

FEATURES AND BENEFITS

- Proven “gas tight” cold welded wire terminations to PCB
- Redundant contact systems provides enhanced wire retention and PCB attachment (Dual Row Version)
- Replace costly 2-Piece connector solutions

ELECTRICAL

- Current Rating:

AWG	Current (Amps)
18	Up to 15
20	Up to 12
22	Up to 11
24	Up to 9

- Voltage Rating: 600 VAC (RMS) or DC Equivalent

ENVIRONMENTAL

- Operating Temperature: -40°C to +125°C
- Storage Temperature: -40°C to +80°C

MECHANICAL

- Contact Material: Tin Plated Copper Alloy
- Contact Plating: Pure tin over nickel
- Durability: 1 termination cycles

HOW TO ORDER

53	8702	X	0X	0XX	09	6
Prefix	Series	Number of Rows	Number of Ways	Hole Size	Serialized Project Number	Plating
53 = Finished Part			01 = 1* 02 = 2 03 = 3 04 = 4 05 = 5 06 = 6 07 = 7* 08 = 8*	018 = 18 AWG 020 = 20 AWG 022 = 22 AWG 024 = 24 AWG		6 = Pure Tin all over
			*1, 7, and 8 way only available in dual row version			



SALES DRAWINGS
CLICK TO VIEW

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

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