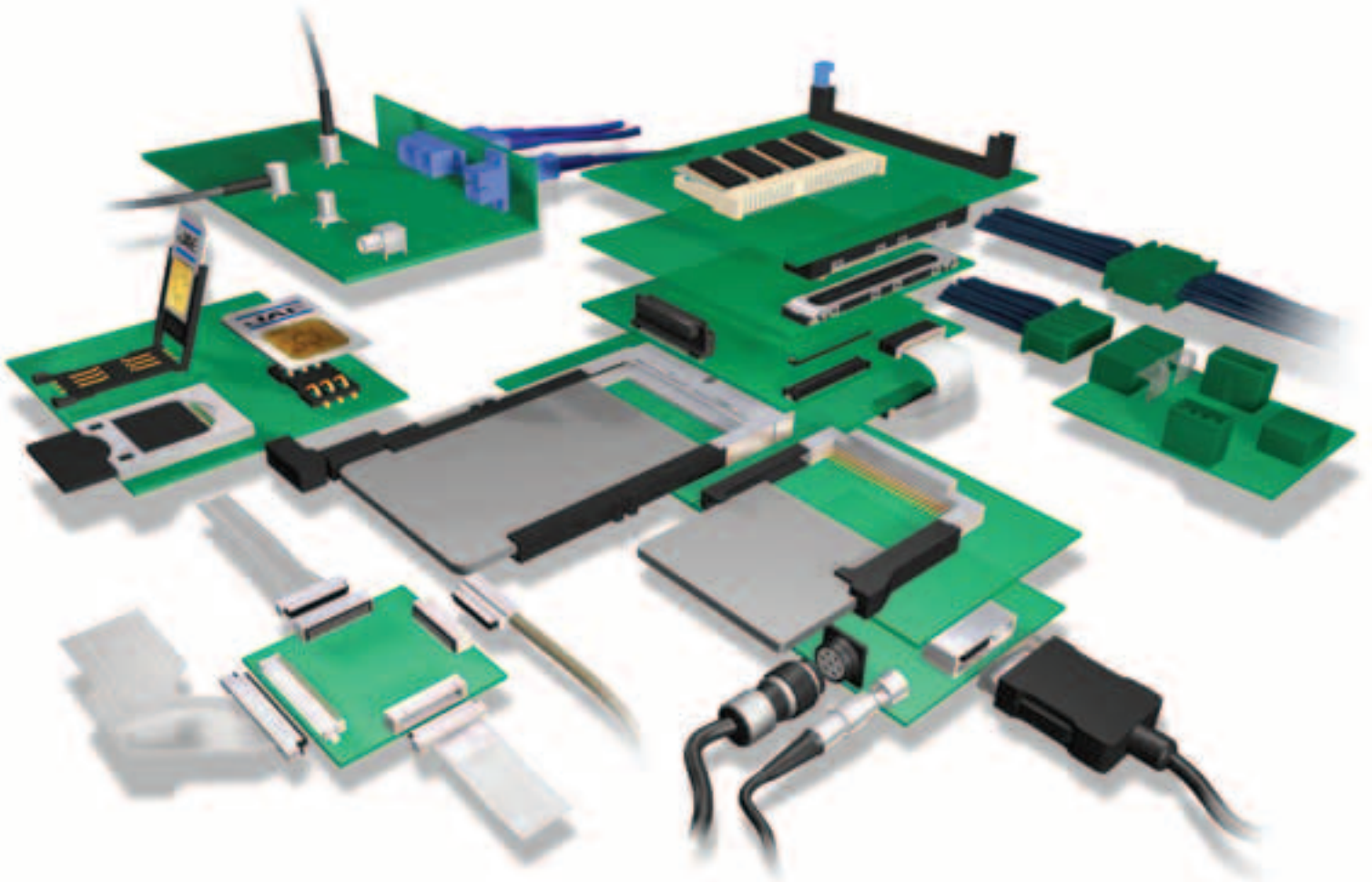


Technology to Inspire Innovation

Preferred Connector Products

JAE



JAE Electronics, Inc.

For Additional Information Visit www.jae-connector.com

Japan Aviation Electronics Industry, Ltd. (JAE) is an international manufacturer and supplier of electronic components and systems. For over four decades, JAE has provided the electronics industry with solutions to complex design requirements. Since its founding, the Company has strived to contribute to society through market-driven, technology-based global business operations under the philosophy: "Technology to Inspire Innovation."

With worldwide and world-class manufacturing certified to ISO 9001 and QS 9000, JAE has made the commitment to meet the global requirements of our customer. In addition to a network of state of the art manufacturing facilities, JAE has technical service offices located around the world, staffed with experts in connector design and application.

This catalog contains a select overview of JAE Connector Products. For in-depth information on our complete product line, and information on new developments, visit JAE's online catalog at www.jae-connector.com.

Innovative design, quality oriented manufacturing, commitment to our customers and sensitivity to the environment assures JAE's leadership position in the 21st century.

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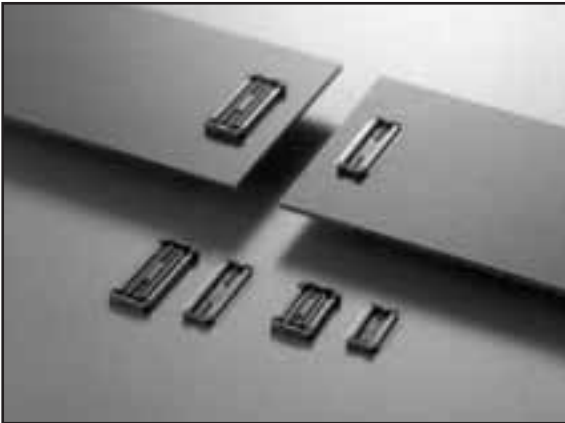
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- All JAE connector products shown in this catalog are lead free.
- We reserve the right to modify designs in order to improve quality, keep pace with technological advancements or meet particular requirements in production.
- Products shown in this catalog are made for the applications specified. However, if the above-mentioned products are to be used in aerospace devices, marine cable-connection devices, atomic power control systems, medical equipment for life-support systems, or any other specific application requiring extremely high reliability, please contact JAE for further information. Recommended Applications: Computers, Office Machines, Measuring Devices, Telecommunications Devices (Terminals, Mobile Devices) AV Devices, Household Applications, FA Devices, etc.
- Refer to end of catalog for alphabetical index of products.

WH1 SERIES CONNECTORS

0.40mm (.016") Contact Spacing, PCB to PCB SMT Connectors



FEATURES

- 0.40mm (0.016") pitch, double lines, 25 and 40 pos
- Contacts have high abrasion resistance
- Roll contacts assure contact reliability
- Simple locking structure provides "click" response
- Plug and receptacle feature solder migration countermeasure
- Lead-free



The WH1 Series is a low-cost, ultra-slim board-to-board connector with just a 1mm ((0.04") mated height. It is ideal for thin devices such as mobile phones, cameras, LCDs, and PDAs.

GENERAL SPECIFICATIONS

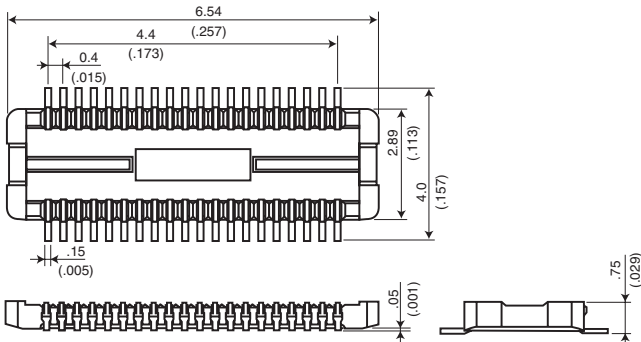
Number of Contacts	22, 24 pos.
Contact Spacing	0.40mm (.016")
Contact Resistance	70 milliohms max. (initial)
Dielectric Withstanding Voltage	250 VAC r.m.s. (for one minute)
Insulation Resistance	100 megohms min. (initial)
Rated Current	AC, DC 0.4A (per pos)
Operating Temperature	-40°C to +85°C
Lifetime	50 times
Rated Voltage	AC, DC 50V
Pitch	0.4mm (.016"), 2 rows
Total Insertion Force	1N x n max. (n: pos.)
Total Withdrawal Force	0.15N x n min. (n: pos.)

MATERIALS AND FINISHES

•Base Side

Components	Materials/Finishes
Insulator	Heat Resistant Plastic (UL94V-0, Black)
Contact	Copper Alloy/ Gold Plating (0.1µm min.)

Connector Profile (Ref.)



ORDERING INFORMATION

Series	WH1	*	***	W	A	*	E****
Contact Shape							
P – Plug Side							
S – Receptacle Side							
No. of Contacts							
022 – 22 position							
024 – 24 position							
Connection Type							
W – SMT Straight type, without hold down							
Finish							
A – Gold Plating							
Modify Code							
Embossed Tape							
E6000 - 6,000 pcs/reel							

Dimensions and specifications subject to change without notice.

Technology to Inspire Innovation

JAE

***“Building Technologies
to Connect Your World”***



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