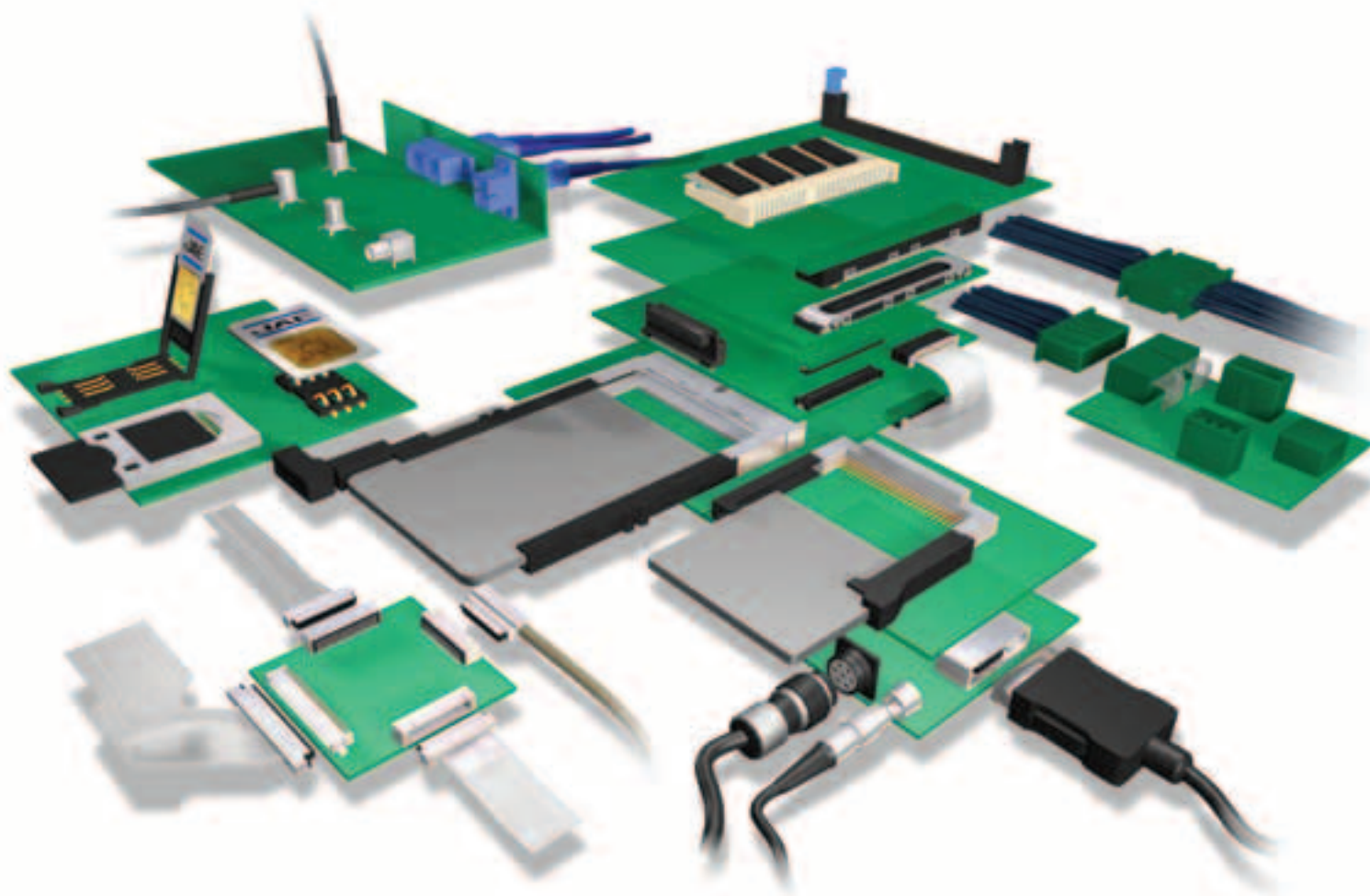


Preferred Connector Products

Technology to Inspire Innovation

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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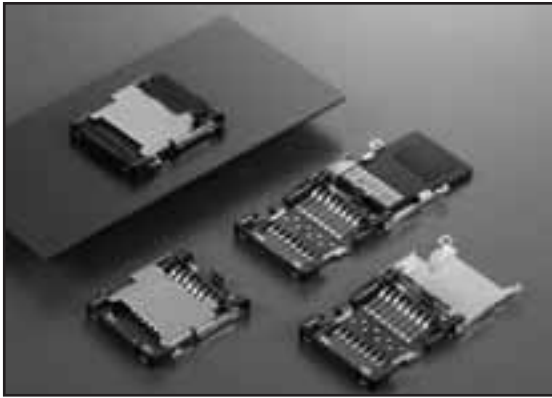
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- All JAE connector products shown in this catalog are lead free.
- We reserve the right to modify designs in order to improve quality, keep pace with technological advancements or meet particular requirements in production.
- Products shown in this 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.

ST1 SERIES CONNECTORS

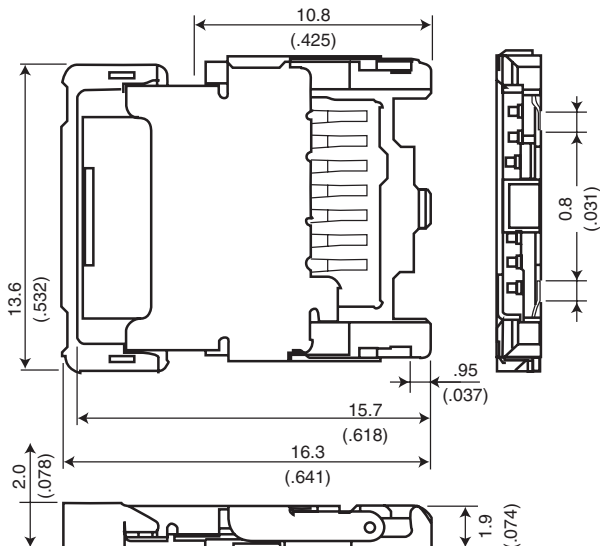
1.1mm (.043") Contact Spacing, Connector for MicroSD (TransFlash™) Card



FEATURES

- Push-slide hinge type connector for TransFlash™/ microSD™ memory cards
- Shield characteristic is secured by the 4 ground connection points set up on the hinge cover
- Compact slim design with 1.9mm height, 16.3mm depth and 14.15mm width
- Pb-free products (RoHS directive)
- Lock structure prevents coming off of cover caused by falling
- User friendly with install card to a hinge
- Connector covers the card for drop/shock strength

Connector Profile (Ref.)



.....

The ST1 Series are one-piece type connectors for TransFlash™ (microSD™)* card. High density SMT mounting type low profile connector compatible with TransFlash™ (microSD™) cards, standardized by SanDisk Corporation/ (SDA: SD Card Association) as a compact card for various portable devices.

* TransFlash™ is a trademark of SanDisk Corporation. MicroSD™ is a trademark of SD Card Association.

GENERAL SPECIFICATIONS

Number of Contacts	8 pos.
Contact Spacing	1.1mm (.043")
Contact Resistance	100 milliohms max.
Dielectric withstanding Voltage	DC500V per min.
Operating Temperature	-25°C to +85°C
Storage Temperature	-10°C to +60°C
Rated Current	0.5A per pin
Rated Voltage	10V per pin
Insulation Resistance	1000 megohms min.
Lifetime	10,000 times
Temperature Rise	30°C max.

MATERIALS AND FINISHES

Description	Materials/Finishes
Contact	Copper Alloy / Contact Area: 0.5µm min. Gold Plating over Nickel Terminal Area: Gold flash plating over Nickel
Housing	Synthetic Resin / No (UL94V-0)
Cover	Synthetic Resin / No (UL94V-0)

ORDERING INFORMATION

	ST1	W	008	S	4	A	R1500
Series							
Connector Type		W – Hinge type					
No. of Contacts			008 - 8pos				
S - Socket Contact				S			
4 - Gold 0.5µm/Au flash plating					4		
A - Modification Code						A	
Tape and Reel							R1500 - 1,500 pcs/reel

Dimensions and specifications subject to change without notice.

Technology to Inspire Innovation



***"Building Technologies
to Connect Your World"***



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