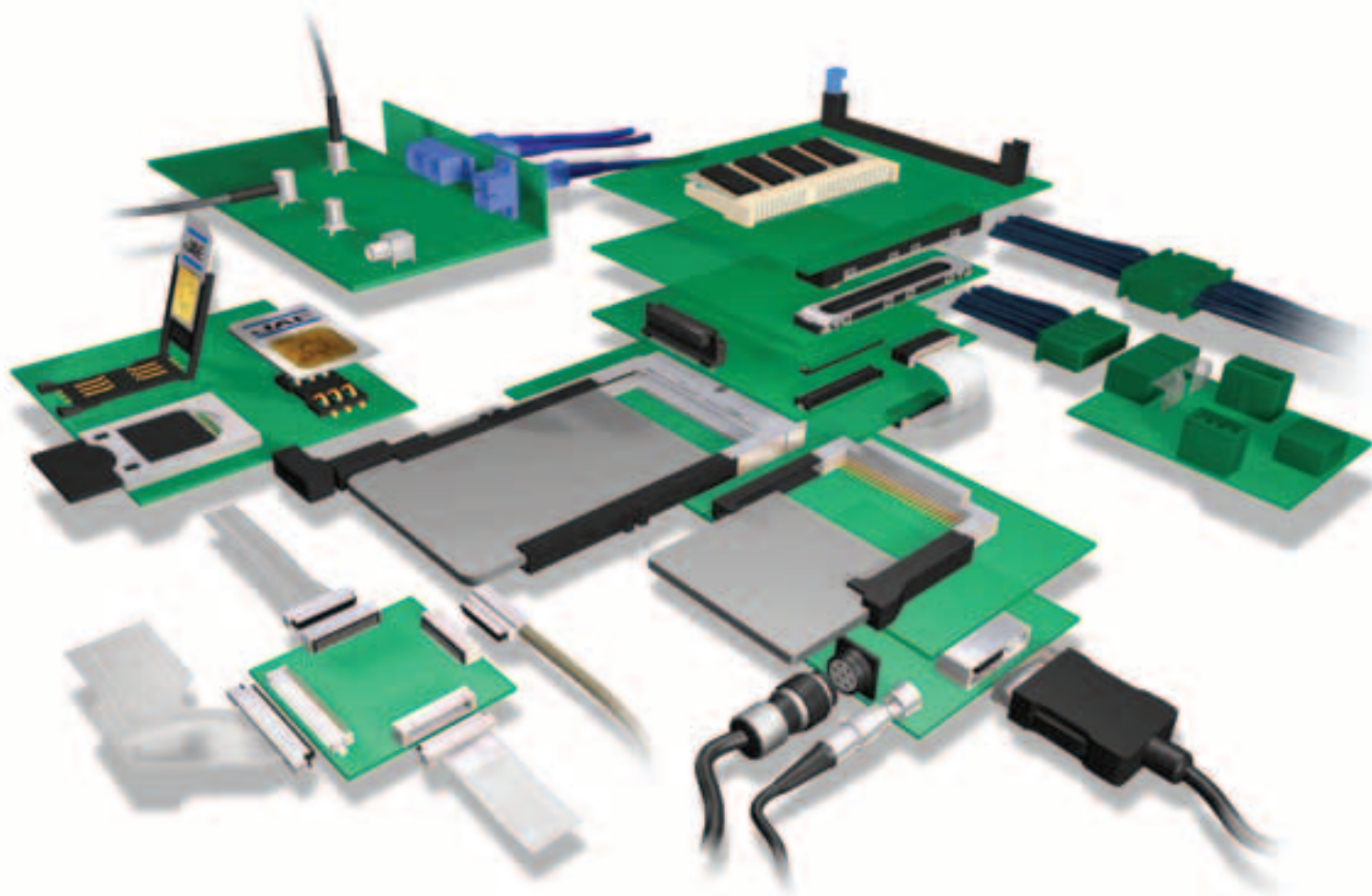


Technology to Inspire Innovation

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.

Table of Contents

Product Series	Contact Spacing	Pages
SOCKETS/MEMORY PRODUCTS		
PCMCIA		
JC22.....	1.27mm (.050")	5
COMPACT FLASH		
JC26C2.....	1.27mm (.050")	6 - 7
JC26E.....	1.27mm (.050")	8
JC26F.....	1.27mm (.050")	9
PCI EXPRESS MINI CARD		
MM60.....	0.8mm (.031")	10
EXPRESSCARD		
PX10/11.....	1.0mm (.039")	11 - 12
PX20/22.....	1.0mm (.039") / 0.635mm (.025")	13 - 14
SMART/SIM CARD		
SF2.....	2.54mm (.100")	15
SF3.....	2.54mm (.100")	16
SF6.....	2.54mm (.100")	17
SF7.....	2.54mm (.100")	18
SF7 (Slim).....	2.54mm (.100")	19
SF9.....	2.54mm (.100")	20
SECURE DIGITAL CARD		
SG5.....	2.50mm (.098")	21
MINI SECURE DIGITAL CARD (SD)		
ST4.....	1.1mm (.043")	22
SC1.....	2.50mm (.098")	23
MICRO SD/TRANSFLASH™		
ST1.....	1.1mm (.043")	24
ST2.....	1.1mm (.043")	25

BOARD-TO-BOARD CONNECTOR PRODUCTS

BOARD-TO-BOARD		
AA03.....	0.40mm (.020")	26
WA6.....	0.40mm (.020")	27
WH1.....	0.40mm (.020")	28
AA01A.....	0.50mm (.020")	29
IL-312.....	0.50mm (.020")	30
WR.....	0.50mm (.020")	31 - 32
WB3.....	0.50mm (.020")	33
IL-WX.....	0.80mm (.031")	34
KX14/15.....	0.80mm (.031")	35 - 36
PM1.....	0.80mm (.031")	37
WM1.....	1.00mm (.039")	38
WM2.....	1.00mm (.039")	39
TX24/TX25.....	1.27mm (.050")	40

Table of Contents

Product Series	Contact Spacing	Pages
BOARD-TO-BOARD CONNECTOR PRODUCTS		
WIRE-TO-BOARD		
PCB-TO-FPC/FFC		
FB3.....	0.30mm (.012")	41
FB5.....	0.30mm (.012")	42
FB6.....	0.30mm (.012")	43
FF02.....	0.30mm (.012")	44
FF02S.....	0.30mm (.012")	45
FB8.....	0.30mm (.012")	46
FA5.....	0.50mm (.020")	47
FF03.....	0.50mm (.020")	48
IL-FPR.....	0.50mm (.020")	49
PCB-TO-CABLE/FPC		
FI-J.....	0.40mm (.016")	50 - 51
FI-R.....	0.50mm (.020")	52 - 53
FI-X.....	1.00mm (.039")	54 - 55
FI.....	1.25mm (.049")	56 - 58
PCB-TO-CABLE		
DX2/3.....	0.80mm (.031")	59
FI-E.....	1.00mm (.039")	60 - 61
CN10.....		62 - 63
CV10.....		64
IL-Z.....	1.25mm (.049")	65 - 66
IL-S.....	2.00mm (.079")	67 - 68
LY.....	2.00mm (.079")	69
KD10/20.....	2.00mm (.079")	70
IL-G.....	2.50mm (.098")	71
INPUT/OUTPUT CONNECTOR PRODUCTS		
PCB-TO-CABLE		
DD1.....	0.50mm (.020")	72 - 73
DD2.....	0.50mm (.020")	74 - 75
DG1.....	0.50mm (.020")	76
RA1.....	0.50mm (.020")	77
RC1.....	0.50mm (.020")	78
DA1.....	0.60mm (.024")	79
DE1.....	1.27mm (.050")	80
TX20A.....	1.27mm (.050")	81
DV2.....	1.905mm (.075")	82 - 84
CIRCULAR		
JN1.....		85 - 86
JN2.....		87 - 88
JB5.....		89

Table of Contents

Product Series

Contact Spacing

Pages

INPUT/OUTPUT CONNECTOR PRODUCTS

CIRCULAR

JL04V	90 - 91
JL05	92 - 93
JB1	94 - 95
SRCN	96 - 97
N/MS	98 - 99

FIBER OPTIC PRODUCTS

FO-FC	100
FO-EX	101

AUTOMOTIVE CONNECTOR PRODUCTS

PCB-TO-CABLE

MX34	1.1mm (.043")	102
MX7	2.30mm (.091")	103
IL-AG7	2.50mm (.098")	104
MX17	2.50mm (.098")	105 - 106
MX23A	2.50mm (.098")	107 - 108
MX10	2.50mm (.098")	109
MX5	3.00mm (.118")	110

PCB-TO-CABLE/CABLE-TO-CABLE

IL-AG5	2.50mm (.098")	111
IL-AG6	2.50mm (.098")	112
MX9	3.50mm (.138")	113
MX25	6.7mm (2.64")	114
MX36	2.50mm (.098")	115

CABLE-TO-CABLE

IL-AG9	2.50mm (.098")	116 - 118
MX19	2.50mm (.098")	119

- 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

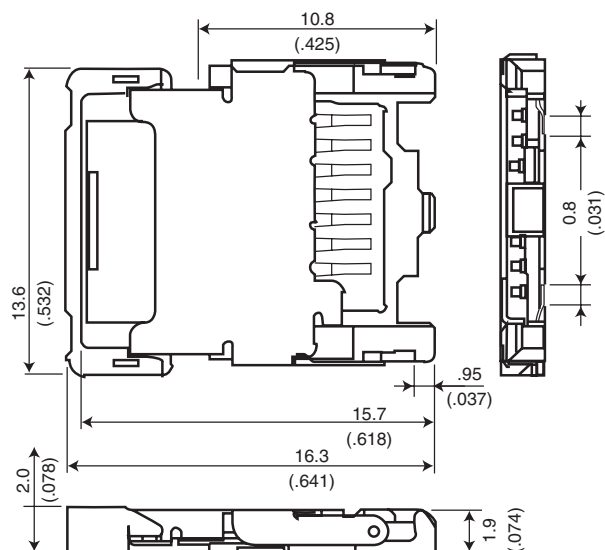
1.1mm (.043") Contact Spacing, Connector for MicroSD (TransFlash™) Card



FEATURES

- Push-slide hinge type connector for Trans-FlashTM/ microSDTMmemory 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-freeproducts (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.)



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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

Series ——— **ST1** **W** **008** **S** **4** **A** **R1500**

Connector Type ———

 W – Hinge type

No. of Contacts ———

 008 - 8pos

S - Socket Contact ———

4 - Gold 0.5µm/Au flash plating ———

A - Modification Code ———

Tape and Reel ———

 R1500 - 1,500 pcs/reel

Technology to Inspire Innovation



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



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