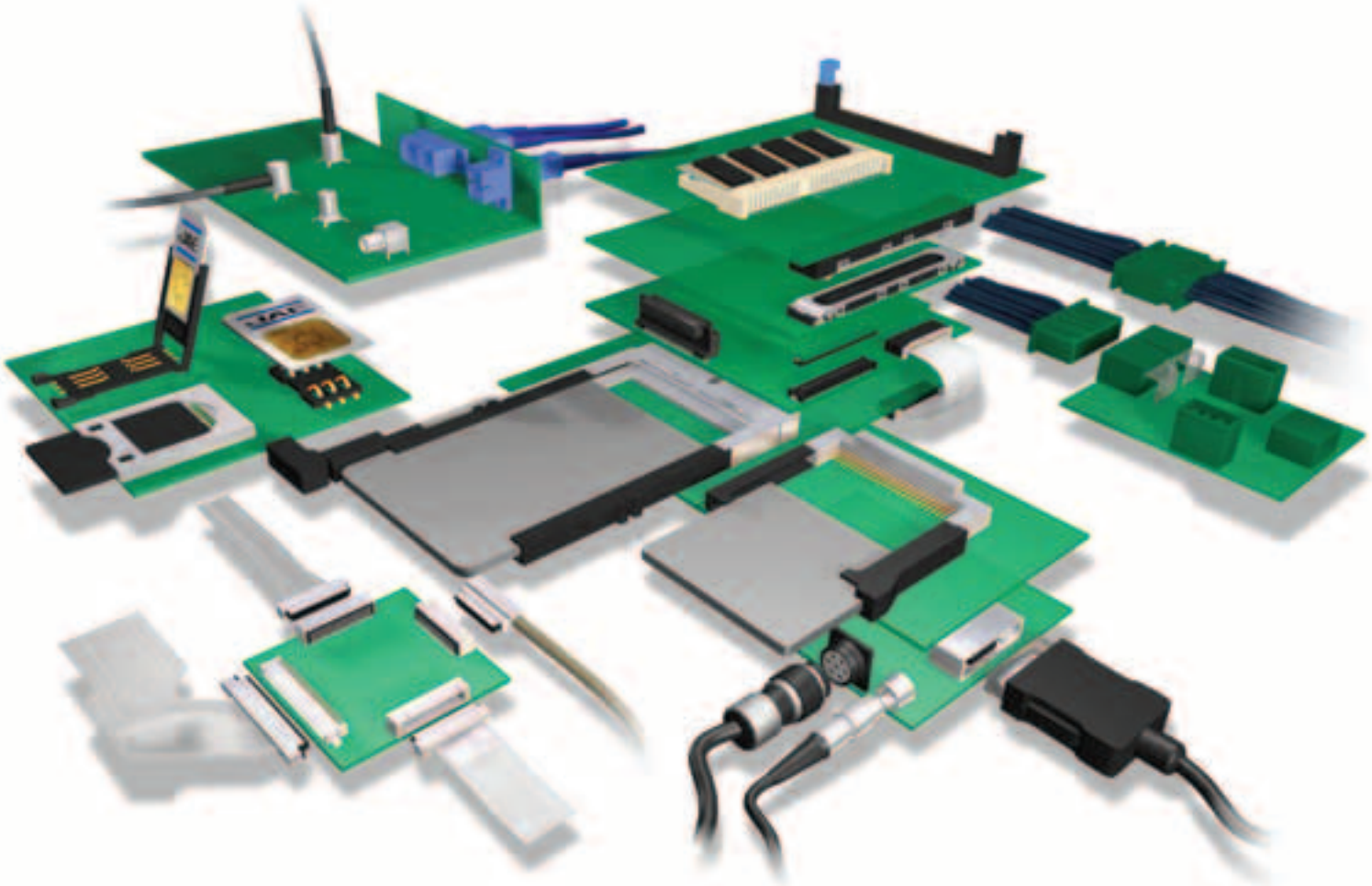
Preferred Connector Products

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.

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

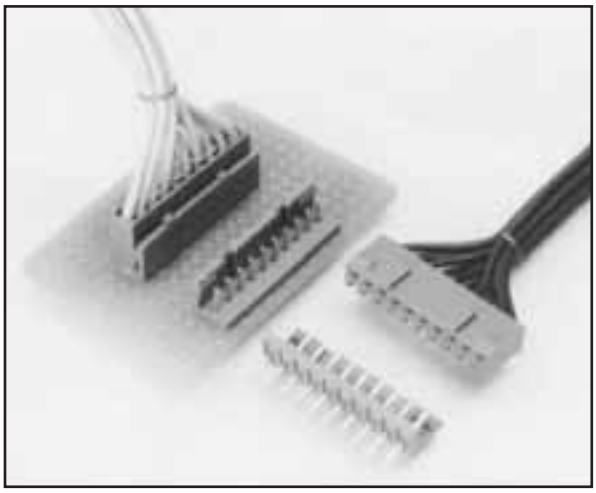
CABLE-TO-CABLE

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.

IL-G SERIES CONNECTORS

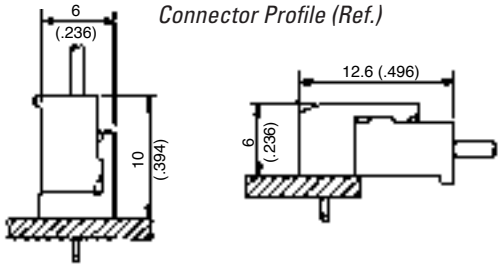
2.50mm (.098") Contact Spacing, PCB-to-Cable (Crimp Type) Connectors



FEATURES

- Low profile—10mm (.394") total mated height for straight connection
- Mismating-prevention structure
- Friction locking mechanism
- Prevents solder-flux contamination
- Lead free

Connector Profile (Ref.)



• Applicable Wire and Crimping Tool

Applicable Wire		Crimping Tool	
AWG#	Outer Dia.	Hand Crimping Tool	Semi-Automatic Crimping Machine
#28 to #26	1.0 to 1.3mm (.039 to .051")	CT150-1-ILG	350-ILG-2
#26 to #24	1.2 to 1.5mm (.047 to .059")	CT150-1B-ILG	
#24 to #22	1.4 to 1.7mm (.055 to .067")	CT150-1C-ILG	
#20 (Shielded Wire)	–	CT150-1D-ILG	

Contact Extraction Tool: JET-IL-G-N02

IL-G Series connectors are low profile, PCB-to-cable connectors with 2.50mm (.098") contact spacing.

The crimp contacts for socket housing can be terminated with a hand crimping tool, or a semi-automatic crimping machine for rapid, high volume terminations. IL-G Series connectors are available in socket housing, straight pin header and right angle pin header configurations.

GENERAL SPECIFICATIONS

Number of Contacts	2 to 15
Contact Spacing	2.50mm (.098"), single row
Current Rating	3 Amp per contact
Dielectric Withstanding Voltage	1500 VAC r.m.s. (for one minute)
Insulation Resistance	100 megohms min.
Contact Resistance	20 milliohms max.
Operating Temperature	-40°C to +85°C
Applicable PCB Thickness	1.6 to 2.6mm (.063 to .102") thick
Applicable Wire Sizes	AWG #22 to #28

MATERIALS AND FINISHES

Description	Materials/Finishes
Insulator	6-6 Nylon (UL94V-0, Light Brown)
Pin Contact	Brass, Tin Plated over Nickel
Socket Contact	Phosphor Bronze/Tin Plated

ORDERING INFORMATION

• Connector

IL-G – ** * – S 3 * 2 – SA – *

Series
No. of Contacts
2 to 15
Contact Type
P – Pin S – Socket
Contact Arrangement
S – Single Row
Contact Spacing
3 – 2.5mm (.098")
Termination
C – Crimp (Socket Housing)
T – Straight (Pin Header)
L – Right Angle (Pin Header)
PCB Thickness (Pin Header)/Wire Size (Socket Housing)
2 – 1.6 to 2.6mm (.063 to .102") PCB Thickness or
#22 AWG to #28 AWG Wire Size
Modification Code (Pin Header Only
Finish
1 – Gold Plating

Socket Contact: IL-G-C2-SA-10000, 10,000 pieces per reel

Dimensions in mm (inches).

Technology to Inspire Innovation

JAE

"Building Technologies to Connect Your World"



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Данный компонент на территории Российской Федерации

Вы можете приобрести в компании MosChip.

Для оперативного оформления запроса Вам необходимо перейти по данной ссылке:

http://moschip.ru/get-element

Вы можете разместить у нас заказ для любого Вашего проекта, будь то серийное производство или разработка единичного прибора.

В нашем ассортименте представлены ведущие мировые производители активных и пассивных электронных компонентов.

Нашей специализацией является поставка электронной компонентной базы двойного назначения, продукции таких производителей как XILINX, Intel (ex.ALTERA), Vicor, Microchip, Texas Instruments, Analog Devices, Mini-Circuits, Amphenol, Glenair.

Сотрудничество с глобальными дистрибьюторами электронных компонентов, предоставляет возможность заказывать и получать с международных складов практически любой перечень компонентов в оптимальные для Вас сроки.

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