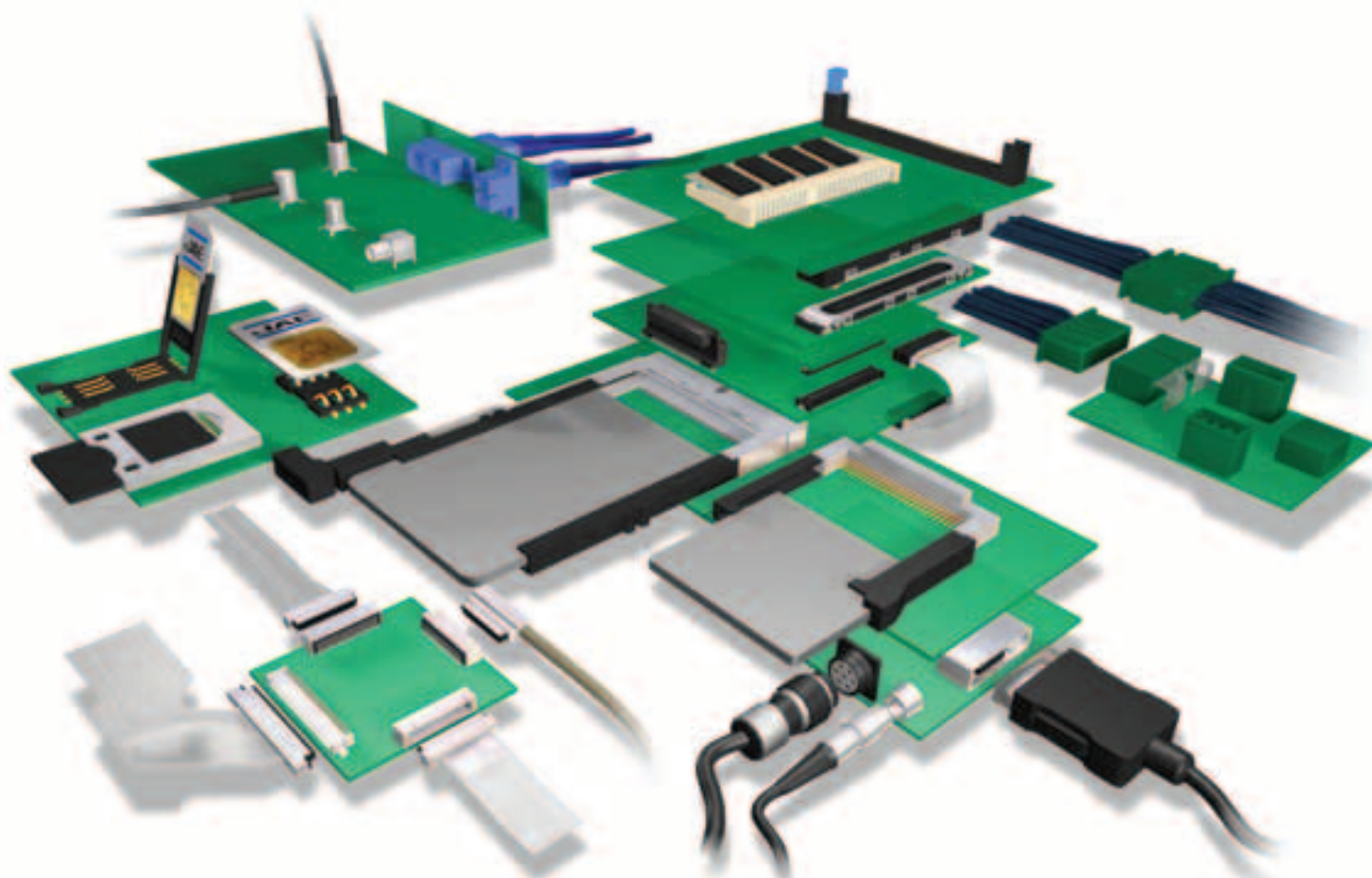


Preferred Connector Products

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

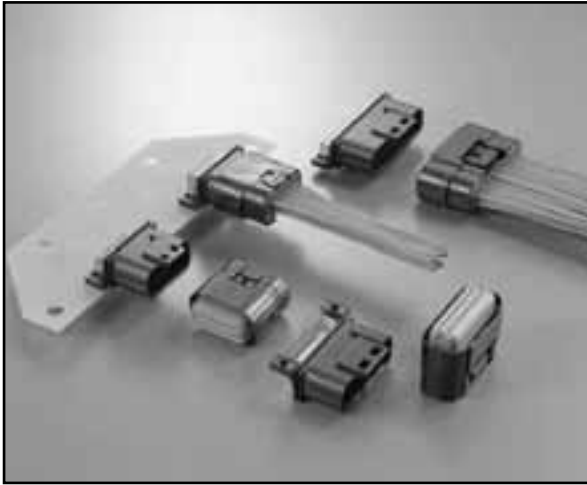
CABLE-TO-CABLE

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.

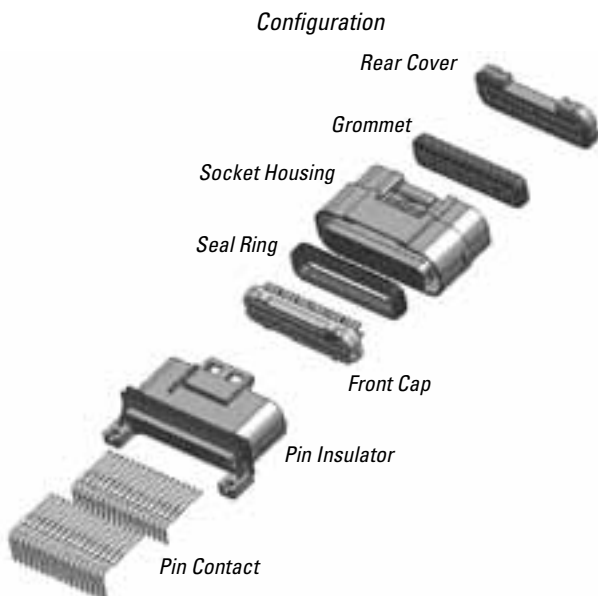
MX23A SERIES CONNECTORS

2.50mm (.098") Contact Spacing, Compact Type Low-profiled Waterproof Connector



FEATURES

- Low profiled type with board mounting height of 18.3mm (.72") and socket connector height of 22.2mm (.81") max.
- High reliability double fin structure is adopted for the socket contact and a large front edge chamfer prevents the grommet from damage
- Incomplete insertion of socket contact into its housing can be easily detected
- Full waterproof grommet is used for socket contact crimping area in order to reduce size
- Water protection sealing ring is used in the connector's mating area. It offers complete protection from hands touching the insulator wall
- Reverse type pin connector (pins facing up) is also available



Dimensions in mm (inches).

.....

The MX23A connector can be used for wide range of waterproof equipment including automobiles, motorcycles etc. This connector has a waterproof structure. It is sealed in its mating area and by a grommet in its wire crimping area for full protection against water. A reverse type pin connector (with pins facing up) is also available for applications requiring different mountings.

GENERAL SPECIFICATIONS

Number of Contacts	12, 18, 26, 34, 36 pos. (Pin side 2 types: reverse and standard)
Contact Spacing	2.50mm (.098")
Contact Resistance	10 milliohm max.
Dielectric Withstanding Voltage	1000VAC r.m.s for one minute
Operating Temperature	-40°C to +125°C including temperature rise caused by power distribution
Rated Current	3A
Insulation Resistance	100 megohm min.
Rated Life	50 Cycles

Applicable Wire

Cable Type	AVSS, AVS (partially)
Cross Section of Conductor	0.3 to 1.25mm ²
A.W.G. No.	#22 to 16
Sheath Diameter	1.6 dia. to 2.2 dia. mm

MATERIALS AND FINISHES

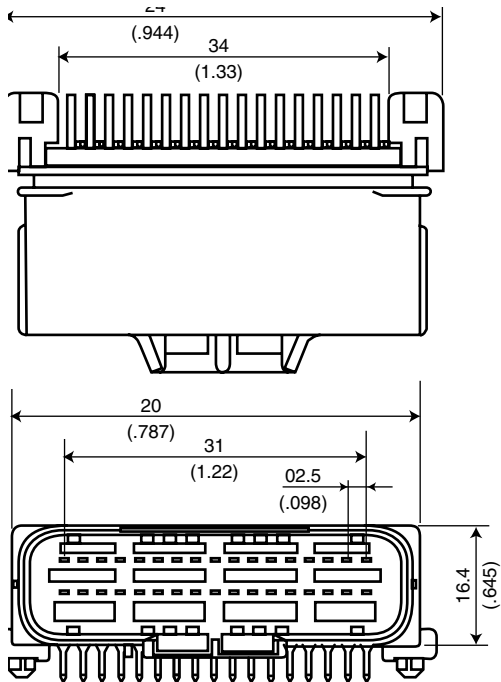
Components	Materials/Finishes
Socket Housing	Glass Filled PBT
Front Cap	Glass Filled PBT
Rear Cover	Glass Filled PBT
Grommet	Silicon Rubber
Seal Ring	Silicon Rubber
Dummy Pin	Glass Filled PBT
Pin Insulator	Glass Filled PBT
Contacts	Pin: Copper Alloy/Tin Plating Socket: Copper Alloy/Tin Plating

Consult JAE for "Ordering Information".

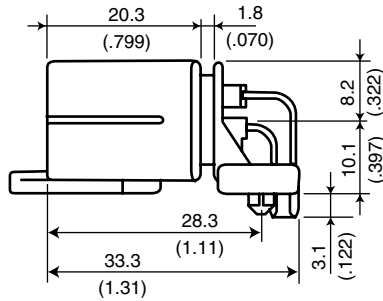
MX23A SERIES CONNECTORS

2.50mm (.098") Contact Spacing, Compact Type Low-profiled Waterproof Connector

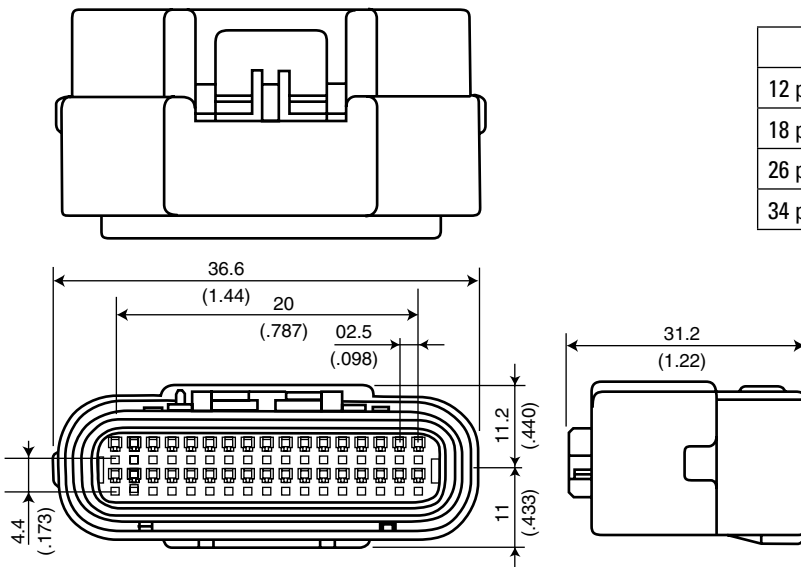
Pin Connector (Reverse)



	A	B	C	D
12 pos	30.5 (1.20)	16.5 (0.65)	26.5 (1.04)	12.5 (0.49)
18 pos	38 (1.50)	24 (0.94)	34 (1.34)	20 (0.79)
26 pos	48 (1.90)	34 (1.34)	44 (1.73)	30 (1.18)
34 pos	58 (2.28)	44 (1.73)	54 (2.12)	40 (1.57)



Socket Housing



	D	F
12 pos.	12.5 (0.49)	29.1 (1.14)
18 pos	20 (0.79)	36.6 (1.44)
26 pos.	30 (1.18)	46.6 (1.83)
34 pos.	40 (1.57)	56.6 (2.23)

Dimensions and specifications subject to change without notice.

Technology to Inspire Innovation



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



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