

MX19 SERIES 2.5MM WATERPROOF CABLE-TO-CABLE CONNECTORS

- Mechanical lock system enables complete mating with a click
- Rear cover protects the grommet from damage on terminal insertion
- Terminals have a two-plate spring mechanism with long beam length, which results in a low force insertion and stress dispersion
- Contact Spacing 2.5mm (.098")
- Current Rating: 5A
- Insulation Resistance: 100 Megohm min.
- Waterproofing: Compliant with JIS D0203 S1
- Applicable wire: Type CAVS, AVSS, 22-20AWG

For quantities of 100 and up, call for quote.

MOUSER STOCK NO.	JAE Part No.	Fig.	No. of Pos.	Description	Price Each			
					1	10	25	50
656-MX19002P51	MX19002P51	A	2	Pin Housing Black	.62	.60	.56	.51
656-MX19004P51	MX19004P51	A	4	Pin Housing Black	.78	.74	.70	.64
656-MX19002S51	MX19002S51	B	2	Socket Housing Black	1.02	.98	.92	.84
656-MX19004S51	MX19004S51	B	4	Socket Housing Black	1.20	1.15	1.08	.98
Contacts								
656-MX19P10K451	MX19P10K451-C100	-	-	Crimp Pin Contact	.11	.10	.09	.08
656-MX19S10K451	MX19S10K451-C100	-	-	Crimp Socket Contact	.12	.12	.11	.10

MX23 SERIES 2.5MM WATERPROOF WIRE TO BOARD CONNECTORS

- Full water proof grommet is used for socket contact crimping area in order to reduce size
- Low profile type with board mounting height of 18.3 mm and socket connector height of 22.2mm max.
- Contact Spacing 2.5mm (.098")
- Current Rating: 3A
- Applicable wire: Type AVSS, AVS, 22-16AWG
- Dielectric withstanding voltage: 1000 VAC.r.m.s. (1 minute)

For quantities of 100 and up, call for quote.

MOUSER STOCK NO.	JAE Part No.	Fig.	No. of Pos.	Description	Price Each			
					1	10	25	50
656-MX23A18NF1	MX23A18NF1	C	18	Pin Header	5.90	5.67	5.46	5.09
656-MX23A26NF1	MX23A26NF1	C	26	Pin Header	7.96	7.62	7.16	6.51
656-MX23A34NF1	MX23A34NF1	C	34	Pin Header	8.16	7.85	7.56	6.92
656-MX23A18SF1	MX23A18SF1	D	18	Socket Housing	4.69	4.49	4.22	3.84
656-MX23A26SF1	MX23A26SF1	D	26	Socket Housing	7.62	7.30	6.86	6.24
656-MX23A34SF1	MX23A34SF1	D	34	Socket Housing	8.51	7.96	5.91	5.57
656-MX23A18XF1	MX23A18XF1	E	18	Front Cap	1.24	1.19	1.12	1.02
656-MX23A26XF1	MX23A26XF1	E	26	Front Cap	1.72	1.62	1.54	1.39
656-MX23A34XF1	MX23A34XF1	E	34	Front Cap	2.15	1.91	1.72	1.56
Contacts								
656-M23S05K351	M23S05K351	-	-	Crimp Socket Contact	.11	.10	.09	.08
656-M120-55780	M120-55780	-	-	Dummy Plug	.16	.15	.14	.13

IL-Z SERIES 1.25MM SMT PCB TO CABLE CRIMP CONNECTORS

- Low Profile, 3.45mm above board
- Pin headers suited for automatic packaging
- Crimp to wire sockets
- Operating Temperature: -40° to +70°C
- RoHS Compliance per JAE documentation
- Current Rating: 1 A
- AWG Range: 28-30
- Crimp contacts sold separately

For quantities of 100 and up, call for quote.

MOUSER STOCK NO.	JAE Part No.	Fig.	No. of Pos.	Description	Price Each			
					1	10	25	50
656-IL-Z-2PL-SMTYE	IL-Z-2PL-SMTYE	F	2	Right Angle SMT Pin Header	.33	.30	.28	.26
656-IL-Z-5PL-SMTYE	IL-Z-5PL-SMTYE	F	5	Right Angle SMT Pin Header	.41	.38	.35	.32
656-IL-Z-6PL-SMTYE	IL-Z-6PL-SMTYE	F	6	Right Angle SMT Pin Header	.41	.39	.36	.34
656-IL-Z-7PL-SMTYE	IL-Z-7PL-SMTYE	F	7	Right Angle SMT Pin Header	.46	.41	.38	.35
656-IL-Z-8PL-SMTYE	IL-Z-8PL-SMTYE	F	8	Right Angle SMT Pin Header	.47	.43	.40	.37
656-IL-Z-9PL-SMTYE	IL-Z-9PL-SMTYE	F	9	Right Angle SMT Pin Header	.47	.43	.40	.37
656-IL-Z-10PL-SMTYE	IL-Z-10PL-SMTYE	F	10	Right Angle SMT Pin Header	.77	.56	.50	.46
656-IL-Z-12PL-SMTYE	IL-Z-12PL-SMTYE	F	12	Right Angle SMT Pin Header	.53	.48	.45	.40
656-IL-Z-15PL-SMTYE	IL-Z-15PL-SMTYE	F	15	Right Angle SMT Pin Header	.56	.54	.51	.47
656-IL-Z-2S-S125C3	IL-Z-2S-S125C3	G	2	Socket Housing	.11	.10	.09	.08
656-IL-Z-5S-S125C3	IL-Z-5S-S125C3	G	5	Socket Housing	.11	.10	.09	.08
656-IL-Z-6S-S125C3	IL-Z-6S-S125C3	G	6	Socket Housing	.11	.10	.09	.08
656-IL-Z-7S-S125C3	IL-Z-7S-S125C3	G	7	Socket Housing	.15	.13	.12	.11
656-IL-Z-8S-S125C3	IL-Z-8S-S125C3	G	8	Socket Housing	.13	.12	.11	.10
656-IL-Z-9S-S125C3	IL-Z-9S-S125C3	G	9	Socket Housing	.13	.12	.11	.10
656-IL-Z-10S-S125C3	IL-Z-10S-S125C3	G	10	Socket Housing	.15	.13	.12	.11
656-IL-Z-12S-S125C3	IL-Z-12S-S125C3	G	12	Socket Housing	.16	.15	.14	.13
656-IL-Z-15S-S125C3	IL-Z-15S-S125C3	G	15	Socket Housing	.19	.18	.17	.16
Contacts								
656-IL-Z-C3-A-15000	IL-Z-C3-A-15000	-	-	Crimp Contacts 28-30 AWG	.09	.08	.07	.06

TOOL

For quantities of 5 and up, call for quote.

MOUSER STOCK NO.	JAE Part No.	Description	Price Each
656-CT150-4C-ILZ	CT150-4C-ILZ	Hand Crimp Tool	923.92

FB3, FB6 AND FB8 SERIES 0.30MM SMT BOARD-TO-FLEX CONNECTORS

- Easy handling due to easy rotation of actuator
- Current Rating: 0.35A per contact
- Voltage Rating: AC, DC 50 V per contact
- LIF (Low Insertion Force) structure for one-touch FPC
- FB8 features "Backflip" actuator for superior cable retention
- RoHS Compliance per JAE documentation

For quantities of 100 and up, call for quote.

MOUSER STOCK NO.	JAE Part No.	Fig.	No. of Pos.	Description	Price Each			
					1	10	25	50
656-FB3S025C11	FB3S025C11	H	25	1.9mm Height Bottom Contacts	9.50	7.27	6.27	6.15
656-FB3S045C11	FB3S045C11	H	45	1.9mm Height Bottom Contacts	12.49	10.43	8.88	8.64
656-FB3S061C11	FB3S061C11	H	61	1.9mm Height Bottom Contacts	20.03	18.59	14.78	14.51
656-FB6S015JA1	FB6S015JA1	I	15	1.2mm Height Bottom Contacts	2.79	1.81	1.72	1.64
656-FB6S017JA1	FB6S017JA1	I	17	1.2mm Height Bottom Contacts	2.97	2.26	1.83	1.75
656-FB6S021JA1	FB6S021JA1	I	21	1.2mm Height Bottom Contacts	2.83	2.25	1.85	1.75
656-FB6S025JA1	FB6S025JA1	I	25	1.2mm Height Bottom Contacts	3.00	2.13	1.96	1.85
656-FB6S027JA1	FB6S027JA1	I	27	1.2mm Height Bottom Contacts	3.19	2.26	2.08	2.00
656-FB6S029JA1	FB6S029JA1	I	29	1.2mm Height Bottom Contacts	3.30	2.33	2.16	2.03
656-FB6S033JA1	FB6S033JA1	I	33	1.2mm Height Bottom Contacts	3.63	2.57	2.37	2.28
656-FB6S039JA1	FB6S039JA1	I	39	1.2mm Height Bottom Contacts	11.05	8.45	7.29	7.12
656-FB6S045JA1	FB6S045JA1	I	45	1.2mm Height Bottom Contacts	3.96	2.81	2.59	2.45
656-FB6S051JA1	FB6S051JA1	I	51	1.2mm Height Bottom Contacts	4.35	3.61	2.84	2.75
656-FB6S053JA1	FB6S053JA1	I	53	1.2mm Height Bottom Contacts	4.32	3.06	2.82	2.66
656-FB6S057JA1	FB6S057JA1	I	57	1.2mm Height Bottom Contacts	12.71	10.63	9.04	8.87
656-FB6S059JA1	FB6S059JA1	I	59	1.2mm Height Bottom Contacts	4.40	3.23	2.88	2.78
656-FB8S023JA1	FB8S023JA1	J	23	1.2mm Height Upper Contacts	3.19	2.26	2.08	2.00
656-FB8S029JA1	FB8S029JA1	J	29	1.2mm Height Upper Contacts	10.20	7.94	6.73	6.59
656-FB8S031JA1	FB8S031JA1	J	31	1.2mm Height Upper Contacts	4.04	3.69	2.64	2.56
656-FB8S033JA1	FB8S033JA1	J	33	1.2mm Height Upper Contacts	4.26	3.02	2.79	2.63
656-FB8S039JA1	FB8S039JA1	J	39	1.2mm Height Upper Contacts	5.12	4.67	3.34	3.15

