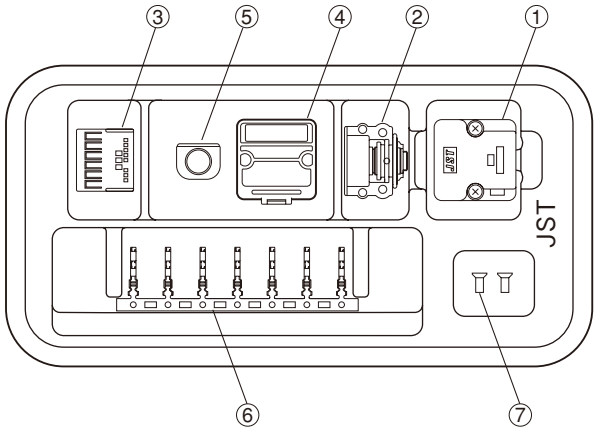


JFA CONNECTOR J1700/2700/3700 SERIES

Connector kits for motor



• 6 circuits connector for power supply of servomotor

Specifications

- Current rating: 5.0A AC, DC [J1700 series 2.0mm pitch]
  7.0A AC, DC [J2700 series 2.5mm pitch]
  10.0A AC, DC [J3700 series 3.8mm pitch]
- Voltage rating: 250V AC, DC
- Temperature range: -55°C to +105°C
  (including temperature rise in applying electrical current)
- Waterproof grade: Grade 5 ingress protection of JIS C 0920 (IEC 60529 IPX5)

*Contact JST for details.

Kit components

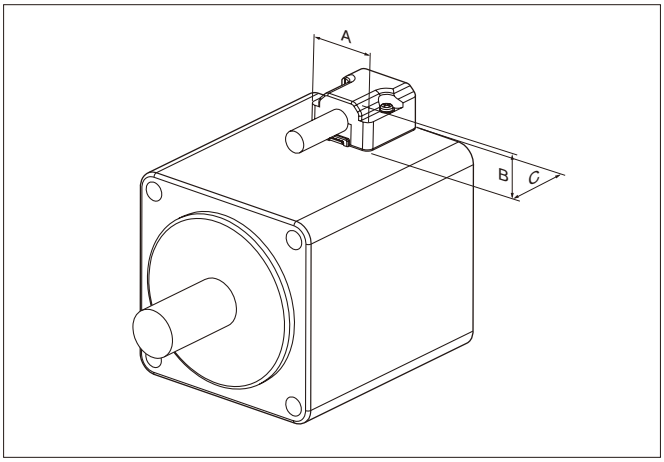
No.	Components	Q'ty
①	Top cover assembly	1
②	Bottom cover assembly	1
③	Receptacle housing	1
④	Rubber plate seal	1
⑤	Seal ring	1
⑥	Receptacle contact	7
⑦	Flat countersunk head screw	2

Standards

Recognized E60389

JFA CONNECTOR/J1700/2700/3700 SERIES

Connector kit outer dimension



Series	Dimensions (mm)		
	A	B	C
J1700	16.4	12.0	20.2
J2700	21.0	13.0	21.2
J3700	27.0	15.0	21.2

Connector kit model No.

Series	Pitch (mm)	Model No.	Cable finished diameter (mm)	Nominal
J1700	2.0	**J17-06FMH-6KL-1S-CF**	6.0	S
		J17-06FMH-6KL-1M-CF	6.0	M
		J17-06FMH-7KL-1S-CF	7.0	S
		J17-06FMH-7KL-1M-CF	7.0	M
J2700	2.5	**J27-06FMH-6KL-1S-CF**	6.0	S
		J27-06FMH-6KL-1M-CF	6.0	M
		J27-06FMH-7KL-1S-CF	7.0	S
		J27-06FMH-7KL-1M-CF	7.0	M
J3700	3.8	**J37-06FMH-8KL-1S-CF**	8.0	S
		J37-06FMH-8KL-1M-CF	8.0	M
		J37-06FMH-8KL-1L-CF	8.0	L
		J37-06FMH-9KL-1S-CF	9.0	S
		J37-06FMH-9KL-1M-CF	9.0	M
		J37-06FMH-9KL-1L-CF	9.0	L

RoHS compliance

Model number identification

J17 – 06 FMH – 6 K L – 1S – CF

- Series name: J17...J1700 Series, J27...J2700 Series, J37...J3700 Series
- No. of circuts: 6
- Type of connector: Receptacle housing
- Cable insulation O.D.: J1700 Series...6.0, 7.0; J2700 Series...6.0, 7.0; J3700 Series...8.0, 9.0
- Color indication: K...Black
- Packaging form: Tray for kit
- Receptacle contact size : S , M , L
- Hexavalent chromium free

Receptacle contact

Applicable wire			Wire insulation O.D. (mm)	J1700 Series	J2700 Series	J3700 Series
Nominal	mm^2	AWG #				
S	0.08～0.20	28～24	0.88～1.43	**SJ1F-002GF-P0.8**	**SJ2F-002GF-P1.0**	**SJ3F-002GF-P1.8**
M	0.20～0.50	24～20	1.11～1.53	**SJ1F-01GF-P0.8**	**SJ2F-01GF-P1.0**	—
			1.11～1.86	—	—	**SJ3F-01GF-P1.8**
L	0.50～1.25	20～16	1.53～2.50	—	—	**SJ3F-41GF-P1.8**

RoHS compliance

Hand crimping tool

Series	Nominal	Receptacle contact	Hand crimp tool
J1700	S	**SJ1F-002GF-P0.8**	YRS-8831
	M	**SJ1F-01GF-P0.8**	YRS-8841
J2700	S	**SJ2F-002GF-P1.0**	YRS-8851
	M	**SJ2F-01GF-P1.0**	YRS-8861
J3700	S	**SJ3F-002GF-P1.8**	YRF-882
	M	**SJ3F-01GF-P1.8**	YRF-881
	L	**SJ3F-41GF-P1.8**	YRF-880

Unikeyic Electronics

Global Electronic Components Distributor

Click to view pricing, inventory, delivery, and lifecycle information:

JST:

CZHR-14V-S XADRP-18V BM24B-ZPDSS-TF (LF)(SN) SJWPST-21T-M1.0N SRC-51T-M4 WC-491 ELR-04V PUDP-34V-S S02B-XASS-1 S7B-PH-K-S(LF)(SN) SFKR-02V-S SJ2M-01GF-M1.0N SMP-10V-NC XMR-02V BM02B-NSHSS-TBT PSIP-10V-LE SM08B-NSHSS-TB(LF)(SN) SM09B-ZESS-TB (LF)(SN) 04P-SJN SMR-10V-N VLS-03V HLP-03V RF-H102TD-1130 XMS-03V XARP-05V 8P-SAN 04JQ-BT BM02B-NSHSS-TBT (LF)(SN) PAP-16V-S SMR-02V-B