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	PART No.	CODE No.	*	А	В	С	D	J	К	L
	FH19C- 4S-0.5SH(10)	CL580-0410-1-10	4	4	1.5	2.57	3, 35	3.1	3.9	2.5
A	FH19C- 5S-0.5SH(10)	CL580-0418-3-10	5	4.5	2	3.07	3.85	3.6	4.4	3
	FH19C- 6S-0.5SH(10)	CL580-0409-2-10	6	5	2.5	3.57	4.35	4.1	4.9	3.5
	FH19C- 7S-0.5SH(10)	CL580-0411-4-10	7	5.5	3	4.07	4.85	4.6	5.4	4
	FH19C- 8S-0.5SH(10)	CL580-0404-9-10	8	6	3.5	4.57	5.35	5.1	5.9	4.5
	FH19C- 9S-0.5SH(10)	CL580-0403-6-10	9	6.5	4	5.07	5.85	5.6	6.4	5
	FH19C-10S-0.5SH(10)	CL580-0412-7-10	10	7	4.5	5.57	6.35	6.1	6.9	5.5
	FH19C-12S-0.5SH(10)	CL580-0413-0-10	12	8	5.5	6.57	7.35	7.1	7.9	6.5
	FH19C-13S-0.5SH(10)	CL580-0405-1-10	13	8.5	6	7.07	7.85	7.6	8.4	7
	FH19C-15S-0.5SH(10)	CL580-0406-4-10	15	9.5	7	8.07	8.85	8.6	9.4	8
	FH19C-17S-0.5SH(10)	CL580-0408-0-10	17	10.5	8	9.07	9.85	9.6	10.4	9
	FH19C-20S-0.5SH(10)	CL580-0402-3-10	20	12	9.5	10.57	11.35	11.1	11.9	10.5
	FH19C-21S-0.5SH(10)	CL580-0414-2-10	21	12.5	10	11.07	11.85	11.6	12.4	11
	FH19C-24S-0.5SH(10)	CL580-0407-7-10	24	14	11.5	12.57	13.35	13.1	13.9	12.5
	FH19C-27S-0.5SH(10)	CL580-0401-0-10	27	15.5	13	14.07	14.85	14.6	15.4	14
	FH19C-30S-0.5SH(10)	CL580-0400-8-10	30	17	14.5	15.57	16.35	16.1	16.9	15.5
	FH19C-34S-0.5SH(10)	CL580-0419-6-10	34	19	16.5	17.57	18.35	18.1	18.9	17.5
	FH19C-40S-0.5SH(10)	CL580-0416-8-10	40	22	19.5	20.57	21.35	21.1	21.9	20.5
	FH19C-50S-0.5SH(10)	CL580-0417-0-10	50	27	24.5	25.57	26.35	26.1	26.9	25.5

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DIMENSION TABLE OF CONNECTOR, FPC, LAND PATTERN AND METAL MASK

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DIMENSION TABLE OF DRAWING FOR PACKING

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	PART No.	CODE No.	不	M		P	Q	R	
	FH19C- 4S-0.5SH(10)	CL580-0410-1-10	4	16	7.5		4.3	17.4	21.4
A	FH19C- 5S-0.5SH(10)	CL580-0418-3-10	5	16	7.5		4.8	17.4	21.4
	FH19C- 6S-0.5SH(10)	CL580-0409-2-10	6	16	7.5		5.3	17.4	21.4
	FH19C- 7S-0.5SH(10)	CL580-0411-4-10	7	16	7.5		5.8	17.4	21.4
	FH19C- 8S-0.5SH(10)	CL580-0404-9-10	8	16	7.5		6.3	17.4	21.4
	FH19C- 9S-0.5SH(10)	CL580-0403-6-10	9	16	7.5		6.8	17.4	21.4
	FH19C-10S-0.5SH(10)	CL580-0412-7-10	10	16	7.5		7.3	17.4	21.4
Λ.	FH19C-12S-0.5SH(10)	CL580-0413-0-10	12	16	7.5		8.3	17.4	21.4
	FH19C-13S-0.5SH(10)	CL580-0405-1-10	13	16	7.5		8.8	17.4	21.4
Υ(FH19C-15S-0.5SH(10)	CL580-0406-4-10	15	16	7.5		9.8	17.4	21.4
	FH19C-17S-0.5SH(10)	CL580-0408-0-10	17	24	11.5		10.8	25.4	29.4
	FH19C-20S-0.5SH(10)	CL580-0402-3-10	20	24	11.5		12.3	25.4	29.4
	FH19C-21S-0.5SH(10)	CL580-0414-2-10	21	24	11.5		12.8	25.4	29.4
	FH19C-24S-0.5SH(10)	CL580-0407-7-10	24	24	11.5		14.3	25.4	29.4
	FH19C-27S-0.5SH(10)	CL580-0401-0-10	27	24	11.5		15.8	25.4	29.4
	FH19C-30S-0.5SH(10)	CL580-0400-8-10	30	24	11.5		17.3	25.4	29.4
	FH19C-34S-0.5SH(10)	CL580-0419-6-10	34	32	14.2	28.4	19.3	33.4	37.4
	FH19C-40S-0.5SH(10)	CL580-0416-8-10	40	44	20.2	40.4	22.3	45.4	49.4
	FH19C-50S-0.5SH(10)	CL580-0417-0-10	50	44	20.2	40.4	27.3	45.4	49.4
CONTACTS									

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*: NUMBER OF CONTACTS

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			F
	DRAWING NO.	EDC3-155218-02	
HR5	PART NO.	FH19C-**S-0.5SH(1	0>
	CODE NO.	CL580	$3 3_7$
	7	8	

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А	This connector is small and thin and requires delicate and careful handling. Read through the instructions shown below and handle the connector properly. Each values indicating here are for reference and may differ from standard value.	[INSTRUCTIONS ON INSERTING FPC AND CONNECTION]
	INSTRUCTIONS FOR MOUNTING ON THE BOARD	 Use of the actuator Be very careful not to apply excessive force when
	♦Warp of Board Minimize warp of the board as much as possible. Lead co-planarity including reinforced metal fittings is 0.1 mm or less. Too much warp of the board may result in a soldering failure.	in the initial position (with no FPC inserted). If you use your nail or finger or pair of tweezer
В	Flexible board design Please make sure to put a stiffener on the backside of the flexible board. We recommend a glass epoxy material with the thickness of 0.3mm MIN.	
_	Load to Connector Do not add 1N or greater external force when unreel or pick and place the connector etc, or it may get broken. In addition, do not insert the FPC or operate the connector before mounting it.	The end of the terminal may deform.
с	INSTRUCTIONS FOR PCB HANDLING AFTER MOUNTING THE CONNECTOR	Example 1
_	◆Load to Board ·Splitting a large board into several pieces ·Screwing the board Avoid the handling described above so that no force is exerted on the board during the assembly process. Otherwise, the corrector may become defective.	2. When operating the actuator, do not apply a force connector. The actuator may get pushed into the c
D	Otherwise, the connector may become defective. Amount of Warp The warp of a 100mm wide board should be 1 mm or less. The warp of board suffers stress on connector and the connector may become defective.	
	X 100 CONNECTOR	The actuator is designed to rotate on the axis sh
-		sure to use a rotating motion when operating it.

Board

Board

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FORM HC0011-5-8 1

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	А
efore, insert the FPC	
nector, and press it in securely and fully. Hisplacements or the FPC's edges snagging	
ength of 1.3mm (at the nominal FPC dimension after the FPC has been inserted so that the	В
nst the upper arm area of the terminal. This	
terminal's upper arm area	
	С
	<u> </u>
 This may cause the FPC to bend the way and result in discontinuation. that it will not have to be inserted at an angle. 	D
/ _Terminal deformation	
	E
STRUCTION MANUAL>	F
RS [PART FH19C-**S-0.5SH(10) NO. CL580 3 57	

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STRUCT	ION MANU	AL>	F
	DRAWING NO.	EDC3-155218-02	
R5	PART NO.	FH19C-**S-0.5SHC	10>
	CODE NO.	CL580	3 6 7
	7	8	



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STRUCT	ION MA	ANUAL>	F
RS	DRAWING NO.	EDC3-155218-02]
	PART NO.	FH19C-**S-0.5SH(10)]
	CODE NO.	CL580 377	1
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