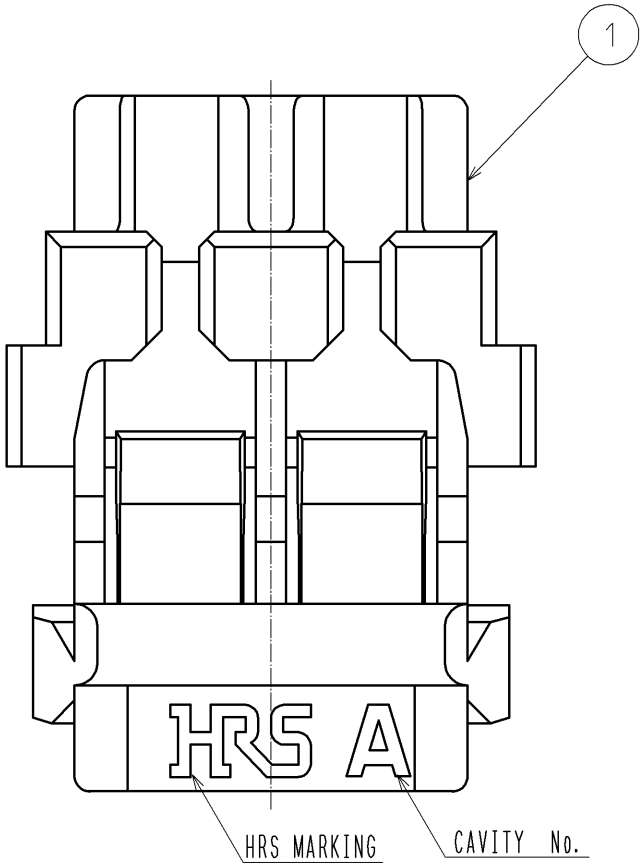
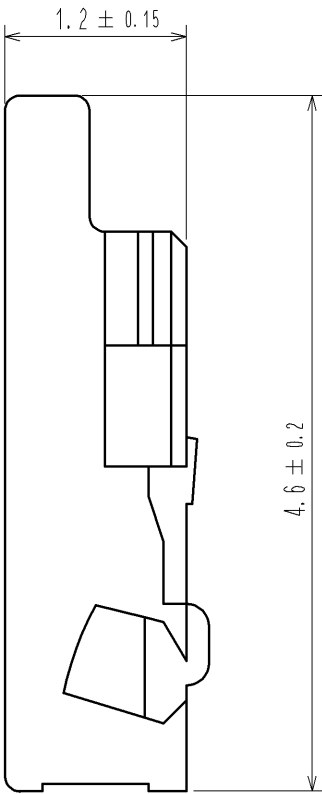
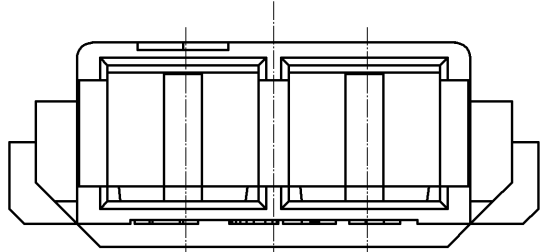
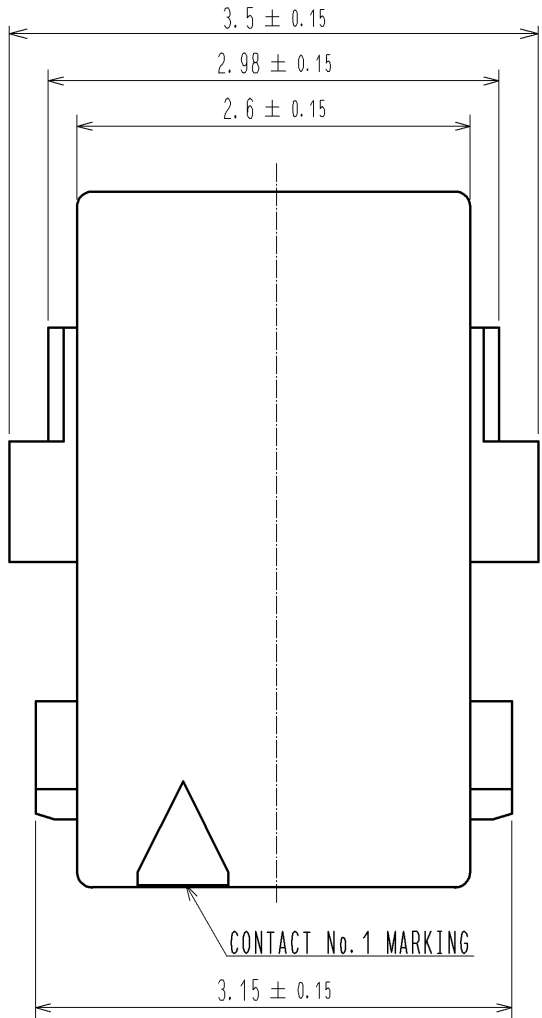
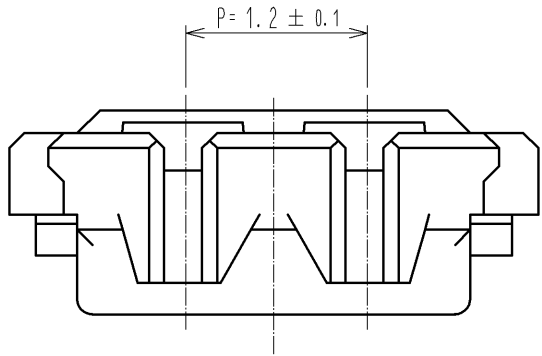


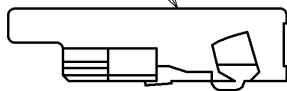
APPLICABLE STANDARD					
RATING	OPERATING TEMPERATURE RANGE	-35 °C TO +85°C (NOTE1)	STORAGE TEMPERATURE RANGE	-10 °C TO +60°C (NOTE3)	
	OPERATING HUMIDITY RANGE	20% TO 80% (NOTE2)	STORAGE HUMIDITY RANGE	40% TO 70% (NOTE3)	
	VOLTAGE	50 V AC/DC	APPLICABLE CONNECTOR	DF57H-2P-1.2V(##)	
	CURRENT	AWG28 : 2.5 A AWG30 : 1.5A AWG32 : 1.0 A AWG34 : 0.8A	INSULATION DIAMETER	AWG28 TO 30: ϕ 0.5~0.63 mm	
			APPLICABLE CONTACT	DF57-2830SCF DF57-3234SCF	
SPECIFICATIONS					
ITEM	TEST METHOD		REQUIREMENTS	QT	AT
CONSTRUCTION					
GENERAL EXAMINATION	VISUALLY AND BY MEASURING INSTRUMENT.		ACCORDING TO DRAWING.	X	X
MARKING	CONFIRMED VISUALLY.			X	X
ELECTRIC CHARACTERISTICS					
INSULATION RESISTANCE	100 V DC.		100 M Ω MIN.	X	—
VOLTAGE PROOF	500 V AC FOR 1 min.		NO FLASHOVER OR BREAKDOWN.	X	—
MECHANICAL CHARACTERISTICS					
MECHANICAL OPERATION	30 TIMES INSERTION AND EXTRACTION.		NO DAMAGE, CRACK OR LOOSENESS OF PARTS.	X	—
VIBRATION	FREQUENCY 10 TO 55 Hz, SINGLE AMPLITUDE 0.75 mm, AT 10 CYCLES FOR 3 DIRECTION.		NO DAMAGE, CRACK OR LOOSENESS OF PARTS.	X	—
SHOCK	490 m/s ² DURATION OF PULSE 11 ms AT 3 TIMES FOR 3 DIRECTIONS.			X	—
ENVIRONMENTAL CHARACTERISTICS					
DAMP HEAT (STEADY STATE)	EXPOSED AT 40 \pm 2 °C, 90 TO 95 %, 96 h. (AFTER LEAVING THE ROOM TEMPERATURE FOR 1~2h.)		① INSULATION RESISTANCE: 100M Ω MIN ② NO DAMAGE, CRACK OR LOOSENESS OF PARTS.	X	—
RAPID CHANGE OF TEMPERATURE	TEMPERATURE -55→+85°C TIME 30→ 30min. UNDER 5 CYCLES. (THE TRANSFERRING TIME OF THE TANK IS 2~3 min) (AFTER LEAVING THE ROOM TEMPERATURE FOR 1~2h.)			X	—
REMARKS					
NOTE 1: INCLUDE THE TEMPERATURE RISE BY CURRENT.					
NOTE 2: NO CONDENSING					
NOTE 3: APPLY TO THE CONDITION OF LONG TERM STORAGE FOR UNUSED PRODUCTS BEFORE PCB ON BOARD.					
AFTER PCB BOARD, OPERATING TEMPERATURE AND HUMIDITY RANGE IS APPLIED FOR INTERIM STORAGE DURING TRANSPORTATION					
	COUNT	DESCRIPTION OF REVISIONS	DESIGNED	CHECKED	DATE
					
UNLESS OTHERWISE SPECIFIED, REFER TO JIS C 5402.			APPROVED	KI. AKIYAMA	12. 03. 19
			CHECKED	HK. UMEHARA	12. 03. 19
			DESIGNED	TS. KUMAZAWA	12. 03. 19
			DRAWN	TS. KUMAZAWA	12. 03. 19
Note QT: Qualification Test AT: Assurance Test X: Applicable Test			DRAWING NO.		ELC4-343900-00
	SPECIFICATION SHEET		PART NO.	DF57H-2S-1. 2C	
	HIROSE ELECTRIC CO., LTD.		CODE NO.	CL666-0100-6-00	 1/1



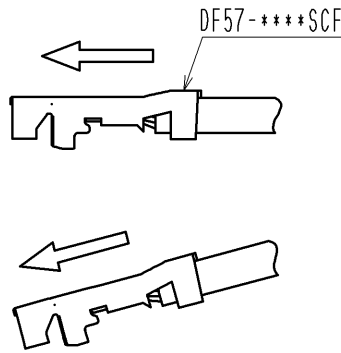
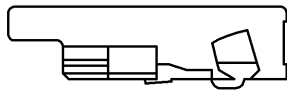
1 FIGURE OF INSERTION

HORIZONTALLY ○

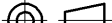



DF57H-2S-1.2C



DIAGONAL ×



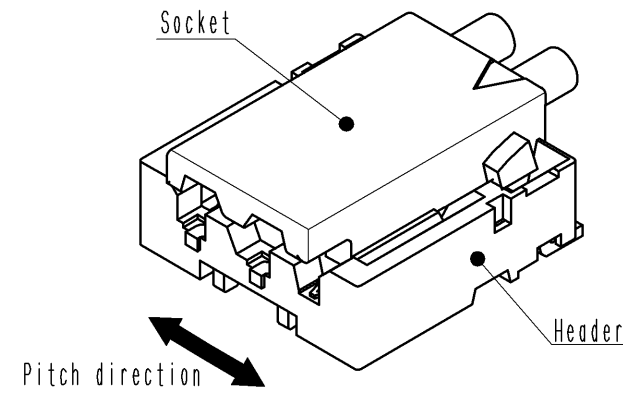
NOTE 1 AVOID ANGLED INSERTION OF CRIMP CONTACT(DF57-***SCF) TO MAINTAIN PERFORMANCE RELIABILITY.

					1		PBT		UL94V-0. NATURAL(WHITE)									
NO.		MATERIAL		FINISH . REMARKS			NO.		MATERIAL		FINISH . REMARKS							
UNITS mm				SCALE 20 : 1				COUNT		DESCRIPTION OF REVISIONS			DESIGNED		CHECKED		DATE	
 HIROSE ELECTRIC CO., LTD.				APPROVED : KI. AKIYAMA			12. 03. 19			DRAWING NO.		EDC3-343900-00						
				CHECED : HK. UMEHARA			12. 03. 19			PART NO.		DF57H-2S-1. 2C						
				DESIGNED : TS. KUMAZAWA			12. 03. 19			CODE NO.		CL666-0100-6-00						
				DRAWN : TS. KUMAZAWA			12. 03. 19					 1/2						

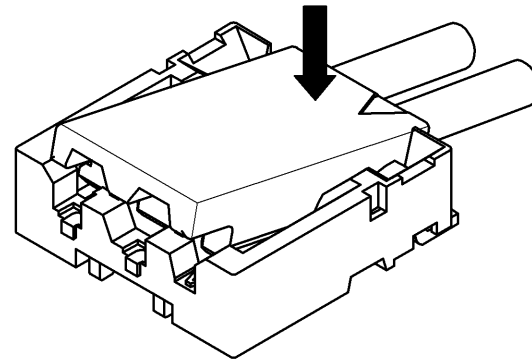
DF57 Series Mating / Unmating Operation Instruction

Mating

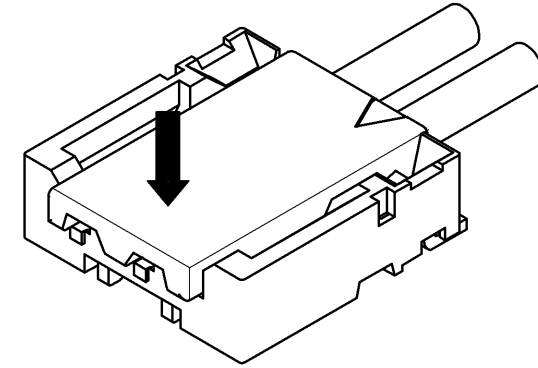
① By positioning the convexity of the socket sides to the header concavity, align the centers of the socket and the header in pitch direction.



② Slightly press the socket down at cable side to tilted angle.

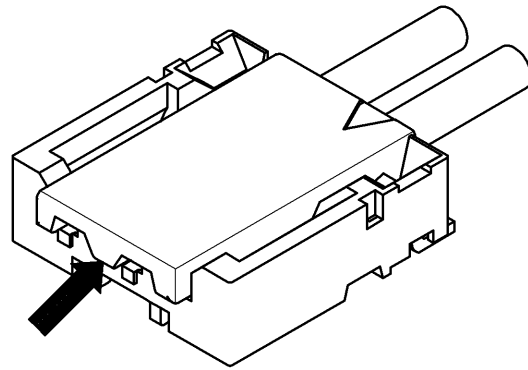


③ Press down at the lever side with stabilizing the cable side to insert. Mating completes.

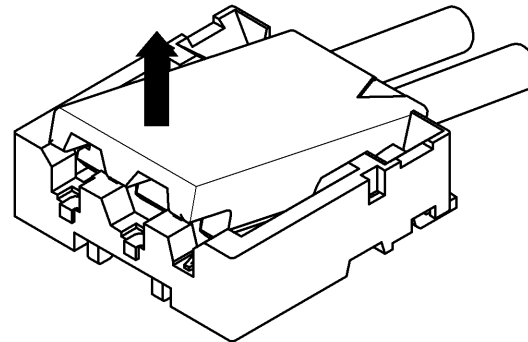


Unmating

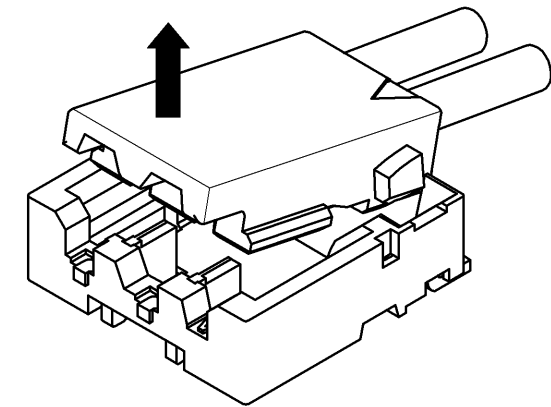
① Hook the lever with finger nail.



② Lift up to the upper direction and friction lock is released.



③ Lift up to the upper direction and positive lock is released. Removal completes.


HRS

DRAWING NO.	EDC3-343900-00
PART NO.	DF57H-2S-1.2C
CODE NO.	CL666-0100-6-00

△	2/2
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