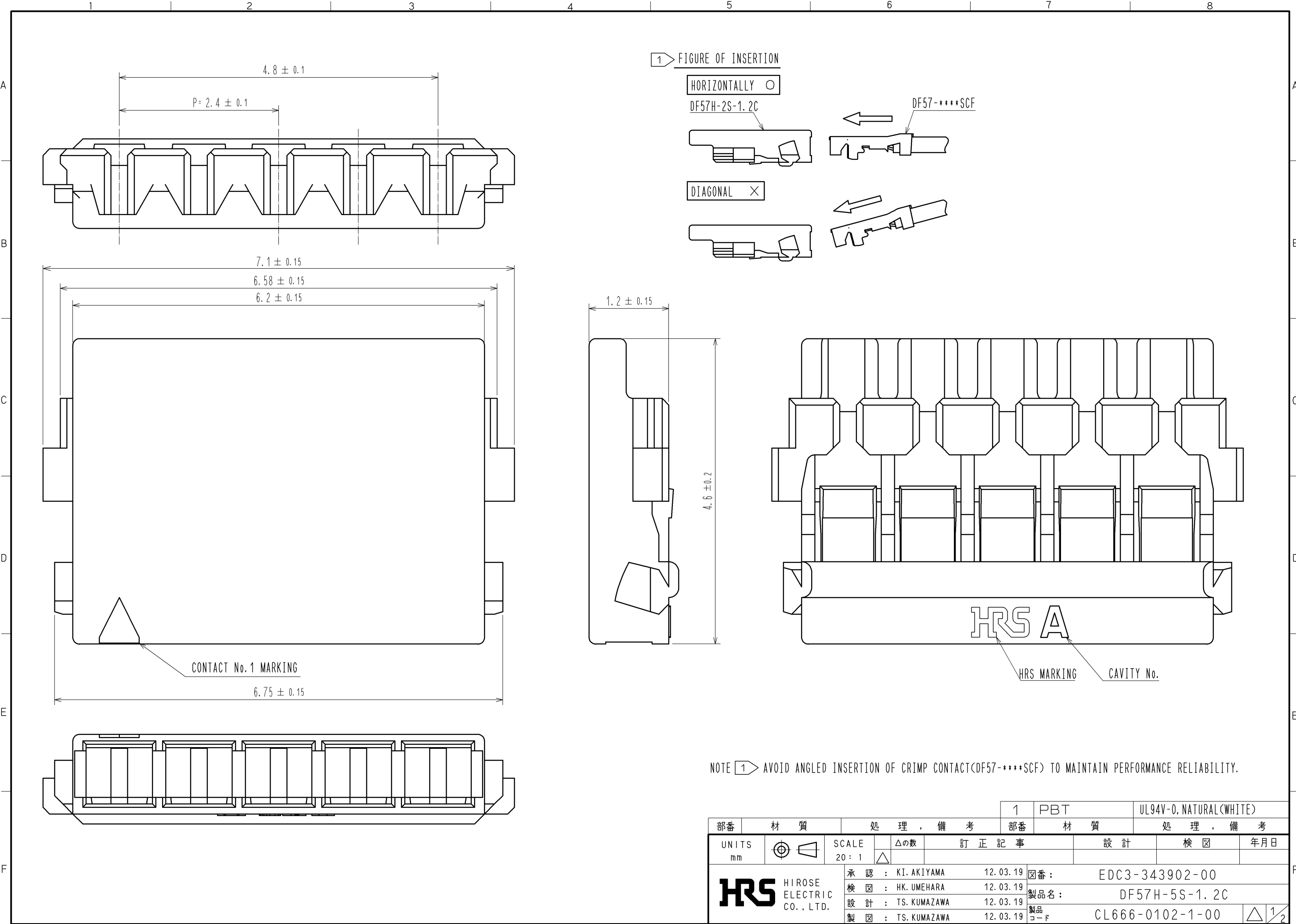


APPLICABLE STANDARD						
RATING	OPERATING TEMPERATURE RANGE	-35 °C TO +85°C (NOTE1)		STORAGE TEMPERATURE RANGE	-10 °C TO +60°C (NOTE3)	
	OPERATING HUMIDITY RANGE	20% TO 80% (NOTE2)		STORAGE HUMIDITY RANGE	40% TO 70% (NOTE3)	
	VOLTAGE	50 V AC/DC		APPLICABLE CONNECTOR	DF57H-5P-1.2V(##)	
	CURRENT	AWG28 : 1.5A AWG32 : 0.8A	AWG30 : 1.0A AWG34 : 0.5A	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 MΩ 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 ± 2°C , 90 TO 95 % , 96 h. (AFTER LEAVING THE ROOM TEMPERATURE FOR 1~2h.)		① INSULATION RESISTANCE: 100 MΩ MIN. ② NO DAMAGE, CRACK OR LOOSENESS OF PARTS.		X	—
RAPID CHANGE OF TEMPERATURE	TEMPERATURE -55°C → +85°C TIME 30min → 30min UNDER 5 CYCLES. (THE TRANSFERRING TIME OF THE TANK IS 2~3 min) (AFTER LEAVING THE ROOM TEMPERATURE FOR 1~2h.)		① INSULATION RESISTANCE: 100 MΩ MIN. ② NO DAMAGE, CRACK OR LOOSENESS OF PARTS.		X	—
NOTE 1: INCLUDE THE TEMPERATURE RISING BY CURRENT. NOTE2:NO CONDENSING NOTE3:APPLY TO THE CONDITION OF LONG TERM STORAGE FOR UNUSED PRODUCTS BEFOR PCB ON BOARD, AFTER PCB BOARD, OPERATING TEMPERATURE AND HUMIDITTY RANGE IS APPLIED FOR INTERIM STRAGE DURING TRANSPORTATION.						
	COUNT	DESCRIPTION OF REVISIONS	DESIGNED	CHECKED	DATE	
REMARKS			APPROVED	KI. AKIYAMA	12. 03. 19	
			CHECKED	HK. UMEHARA	12. 03. 19	
Unless otherwise specified, refer to JIS C 5402.			DESIGNED	TS. KUMAZAWA	12. 03. 19	
			DRAWN	TS. KUMAZAWA	12. 03. 19	
Note QT:Qualification Test AT:Assurance Test X:Applicable Test			DRAWING NO.		ELC4-343902-00	
	SPECIFICATION SHEET		PART NO.	DF57H-5S-1. 2C		
	HIROSE ELECTRIC CO., LTD.		CODE NO.	CL666-0102-1-00		1/1

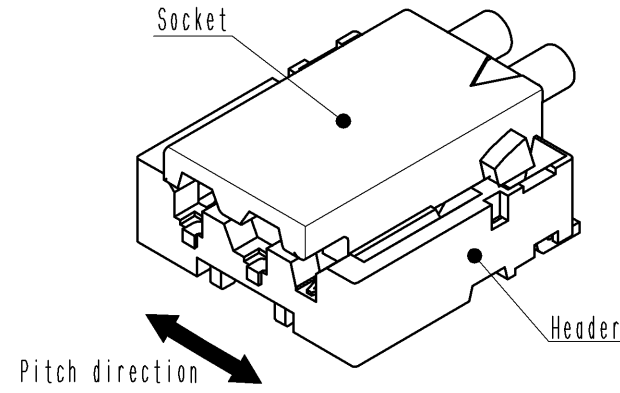


UNITS mm		SCALE 20:1		訂正記事		設計		検 査		年月日	
HRS HIROSE ELECTRIC CO., LTD.		承認 : KI. AKIYAMA 12.03.19		検 査 : HK. UMEHARA 12.03.19		設 計 : TS. KUMAZAWA 12.03.19		製 図 : TS. KUMAZAWA 12.03.19		△ 1/2	
部番		材 質		処 理 , 備 考		部番		材 質		処 理 , 備 考	
1		PBT				UL94V-0, NATURAL(WHITE)					
図番 :		EDC3-343902-00		製品名 :		DF57H-5S-1.2C		製品コード :		CL666-0102-1-00	

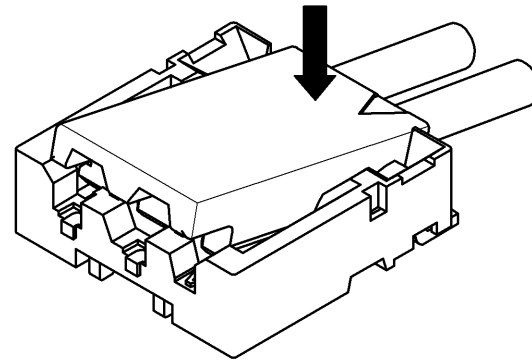
DF57 Series Mating / Unmating Operation Instruction

Mating

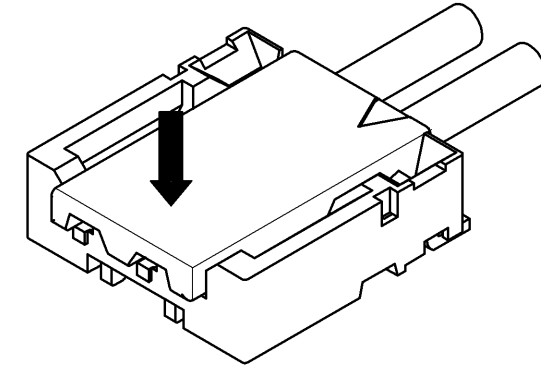
① By positioning the convexity of the socket sides to the header concavity, align the centers of the socket and the header in pitch direction.



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

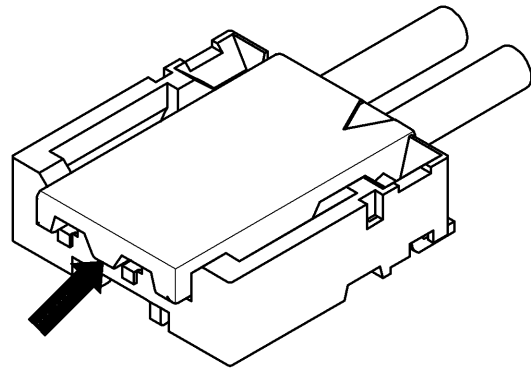


③ Press down at the lever side with stabilizing the cable side to insert. Mating completes.

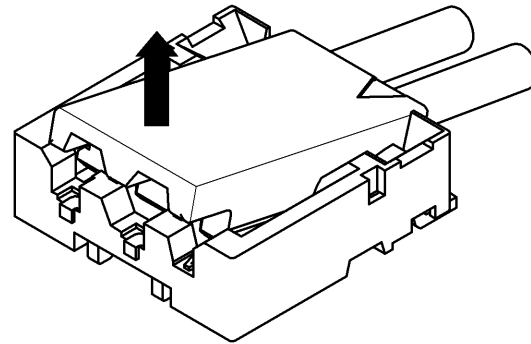


Unmating

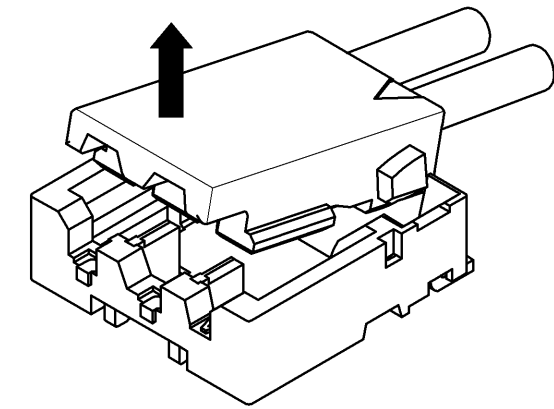
① Hook the lever with finger nail.



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.	EDC3-343902-00	2/2
	PART NO.	DF57H-5S-1.2C	
	CODE NO.	CL666-0102-1-00	