




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	50V AC/DC	UL C-UL RATING	VOLTAGE	50V AC/DC		
	CURRENT	AWG 28 : 2.5A/PIN AWG 30 : 1.5A/PIN AWG 32 : 1.0A/PIN AWG 34 : 0.8A/PIN		CURRENT	AWG 28 : 2.5A/PIN AWG 30 : 1.5A/PIN AWG 32 : 1.2A/PIN AWG 34 : 1.0A/PIN		
	APPLICABLE CONNECTOR	DF57H-2P-1.2V(##)		OPERATING TEMPERATURE RANGE	-35°C TO +75°C (NOTE 1)		
	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		100V DC.		100 MΩ MIN.		X	—
VOLTAGE PROOF		500V 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.		NO DAMAGE, CRACK OR LOOSENESS OF PARTS.		X	—
ENVIRONMENTAL CHARACTERISTICS							
DAMP HEAT (STEADY STATE)		EXPOSED AT 40 ± 2 °C, 90 TO 95 %, 96 h. (AFTER LEAVING THE ROOM TEMPERATURE FOR 1 TO 2 h.)		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 30 min→ 30 min UNDER 5 CYCLES. (THE TRANSFERRING TIME OF THE TANK IS 2 TO 3 min) (AFTER LEAVING THE ROOM TEMPERATURE FOR 1 TO 2 h.)		① INSULATION RESISTANCE: 100 MΩ MIN. ② NO DAMAGE, CRACK OR LOOSENESS OF PARTS.		X	—
REMARKS							
NOTE 1: INCLUDE THE TEMPERATURE RISING BY CURRENT. NOTE 2: NO CONDENSING. NOTE 3: APPLY TO UNUSED PRODUCT ON PACKAGED CONDITION.							
	COUNT	DESCRIPTION OF REVISIONS	DESIGNED	CHECKED	DATE		
							
Unless otherwise specified, refer to IEC 60512.				APPROVED	SJ. OKAMURA	20210823	
				CHECKED	SZ. ONO	20210823	
				DESIGNED	HK. HAYASHI	20210823	
				DRAWN	TS. HONJO	20210820	
Note QT:Qualification Test AT:Assurance Test X:Applicable Test			DRAWING NO.		ELC-343900-15-01		
	SPECIFICATION SHEET		PART NO.	DF57H-2S-1. 2C (15)			
	HIROSE ELECTRIC CO., LTD.		CODE NO.	CL0666-0100-6-15			1/1