

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				VOLTAGE		50 V AC/DC					
	CURRENT	NUMBER OF CONTACTS	AWG28	AWG30	AWG32	AWG34	UL-C-UL RATING	CURRENT	NUMBER OF CONTACTS	AWG28	AWG30	AWG32	AWG34	
		2	2.5A	1.5A	1.0A	0.8A				△1	2	2.5A	1.5A	1.2A
3		2.0A	1.5A	1.0A	0.8A	3					2.0A	1.5A	1.2A	1.0A
4,5,6		1.5A	1.0A	0.8A	0.5A	4,5,6					1.5A	1.0A	1.0A	1.0A
APPLICABLE CONNECTOR		DF57H-*P-1.2V(##)				OPERATING TEMPERATURE RANGE		-35 °C TO +75°C (NOTE1)						
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	—

REMARKS
NOTE 1: INCLUDE THE TEMPERATURE RISING BY CURRENT.
NOTE2:NO CONDENSING
NOTE3: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
1	DIS-H-008817	TS. KUMAZAWA	TS. FUKUSHIMA	14.06.13
			APPROVED	KI. AKIYAMA
			CHECKED	HK. UMEHARA
			DESIGNED	TS. KUMAZAWA
			DRAWN	TS. KUMAZAWA
Note QT:Qualification Test AT:Assurance Test X:Applicable Test		DRAWING NO.	ELC4-349275-01	
HRS	SPECIFICATION SHEET	PART NO.	DF57H-*S-1.2C(08)	
	HIROSE ELECTRIC CO., LTD.	CODE NO.	CL666-	△ 1/1