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In case of consideration for using Automotive equipment / device which demand high reliability, kindly contact our sales window correspondents.

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
△0					

APPROVED	SJ. OKAMURA	20210823
CHECKED	SZ. ONO	20210823
DESIGNED	HK. HAYASHI	20210823
DRAWN	TS. HONJO	20210820

Unless otherwise specified, refer to IEC 60512.

Note QT:Qualification Test AT:Assurance Test X:Applicable Test

DRAWING NO. ELC-343900-15-01

HRS	SPECIFICATION SHEET	PART NO.	DF57H-2S-1.2C(15)	
	HIROSE ELECTRIC CO., LTD.	CODE NO.	CL0666-0100-6-15 △0	1/1

FORM HD0011-2-1