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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	50 V AC/DC		UL-C-UL RATING	29 V AC/DC	
	CURRENT	AWG26 : 1.5A AWG28 : 1.5A AWG30 : 1.0A AWG32 : 0.8A AWG34 : 0.5A			AWG26-28 : 1.5A	
	APPLICABLE CONNECTOR	DF57H-6P-1.2V(##)			OPERATING TEMPERATURE RANGE	-35 °C TO +75°C (NOTE1)
APPLICABLE CONTACT	DF57-****SCF(A)					
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 <sup>2</sup> 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.						
NOTE 2: NO CONDENSING.						
NOTE 3: APPLY TO THE PACKAGED AND UNUSED PRODUCT.						
	COUNT	DESCRIPTION OF REVISIONS		DESIGNED	CHECKED	DATE
	1	DIS-H-00013960		HK. HAYASHI	SZ. ONO	20220616
Unless otherwise specified, refer to IEC 60512.				APPROVED	KI. AKIYAMA	20121226
				CHECKED	HK. UMEHARA	20121226
				DESIGNED	TS. KUMAZAWA	20121226
				DRAWN	TS. KUMAZAWA	20121226
Note QT:Qualification Test AT:Assurance Test X:Applicable Test				DRAWING NO.		ELC-344747-00-00
	SPECIFICATION SHEET			PART NO.	DF57AH-6S-1. 2C	
	HIROSE ELECTRIC CO., LTD.			CODE NO.	CL0666-0111-2-00	 1/1