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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	-55 °C TO +105°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)			
	APPLICABLE CONNECTOR	DF64- * P-4.5C	CURRENT	AWG18 : 5A AWG20 : 4A AWG22 : 3A			
	APPLICABLE CABLE	UL1015 AWG18-22	VOLTAGE 	SPECIFICATION	AC/DC 350V		
UL/c-UL				AC/DC 350V			
TÜV				TBD			
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							
CONTACT RESISTANCE		DC6V MAX, 100mA.		30mΩ MAX.		X	-
MECHANICAL CHARACTERISTICS							
MECHANICAL OPERATION		10 TIMES INSERTION AND EXTRACTION.		①30mΩ MAX. ②NO DAMAGE, CRACK OR LOOSENESS OF PARTS.		X	-
VIBRATION		FREQUENCY 10 TO 55Hz, SINGLE AMPLITUDE 0.75mm, AT 10CYCLES FOR 3DIRECTION.		①NO ELECTRICAL DISCONTINUITY OF 1μs. ②NO 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.)		①30mΩ MAX. ②NO DAMAGE, CRACK OR LOOSENESS OF PARTS.		X	-
RAPID CHANGE OF TEMPERATURE		TEMPERATURE -55°C→ +105°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.)		①30mΩ MAX. ②NO 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	
	1	DIS-H-008279		TS. MIYAKI	OM. MIYAMOTO	13. 11. 06	
REMARKS					APPROVED	KI. AKIYAMA	13. 07. 31
					CHECKED	OM. MIYAMOTO	13. 07. 31
Unless otherwise specified, refer to JIS C 5402.					DESIGNED	TS. MIYAKI	13. 07. 31
					DRAWN	TS. MIYAKI	13. 07. 31
Note QT:Qualification Test AT:Assurance Test X:Applicable Test				DRAWING NO.		ELC4-347652-00	
HRS	SPECIFICATION SHEET			PART NO.	DF64-1822PCF		
	HIROSE ELECTRIC CO., LTD.			CODE NO.	CL667-1004-4-00		1/1