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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	-40°C TO + 85°C (NOTE 1) 			STORAGE TEMPERATURE RANGE	-10°C TO + 60°C		
	VOLTAGE	250V AC	UL·CSA RATING	30V AC				
	CURRENT	2 A		2 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								
CONTACT RESISTANCE		100 mA(DC OR 1000HZ).			30 mΩ MAX.		X	—
INSULATION RESISTANCE		500 V DC.			1000 MΩ MIN.		X	—
VOLTAGE PROOF		650 V AC FOR 1 min.			NO FLASHOVER OR BREAKDOWN.		X	—
MECHANICAL CHARACTERISTICS								
MECHANICAL OPERATION		30 TIMES INSERTIONS AND EXTRACTIONS.			① CONTACT RESISTANCE: 30mΩ MAX. ② NO DAMAGE, CRACK OR LOOSENESS OF PARTS.		X	—
VIBRATION		FREQUENCY 10 TO 55 Hz, SINGLE AMPLITUDE 0.75 mm, AT 2 h, FOR 3 DIRECTIONS.			① NO ELECTRICAL DISCONTINUITY OF 1μs. ② NO DAMAGE, CRACK OR LOOSENESS OF PARTS.		X	—
SHOCK		490 m/s ² DURATION OF PULSE 11 ms AT 3 TIMES FOR 3 DIRECTIONS.			① NO ELECTRICAL DISCONTINUITY OF 1μs. ② NO DAMAGE, CRACK OR LOOSENESS OF PARTS.		X	—
ENVIRONMENTAL CHARACTERISTICS								
RAPID CHANGE OF TEMPERATURE		TEMPERATURE -55→ 5 TO 35→+85→ 5 TO 35 °C TIME 30→ 5 MAX → 30→ 5 MAX min UNDER 5 CYCLES.			① CONTACT RESISTANCE: 30mΩ MAX. ② INSULATION RESISTANCE: 1000MΩ MIN. ③ NO DAMAGE, CRACK OR LOOSENESS OF PARTS.		X	—
DAMP HEAT (STEADY STATE)		EXPOSED AT 40 ± 2 °C, 90 TO 95 %, 96 h.			① CONTACT RESISTANCE: 30mΩ MAX. ② INSULATION RESISTANCE: 500MΩ MIN. ③ NO DAMAGE, CRACK OR LOOSENESS OF PARTS.		X	—
	COUNT	DESCRIPTION OF REVISIONS		DESIGNED		CHECKED	DATE	
	1	DIS-H-008540		MI. SAKIMURA		HK. UMEHARA	14. 02. 26	
REMARKS NOTE 1:INCLUDING THE TEMPERATURE RISE BY CURRENT. Unless otherwise specifid , refer to IEC 60512.				APPROVED		TY. OMA	06. 10. 03	
				CHECKED		HK. UMEHARA	06. 10. 02	
				DESIGNED		NS. HIROSE	06. 10. 02	
				DRAWN		AK. MIURA	06. 10. 02	
Note QT:Qualification Test AT:Assurance Test X:Applicable Test				DRAWING NO.		ELC4-313906-00		
	SPECIFICATION SHEET			PART NO.		DF11-*DEP-2A		
	HIROSE ELECTRIC CO., LTD.			CODE NO.		CL543		 1/1