



**THE DATASHEET OF
DF11-6DEP-2A**



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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				APPROVED	TY. OMA	06. 10. 03
NOTE 1:INCLUDING THE TEMPERATURE RISE BY CURRENT.				CHECKED	HK. UMEHARA	06. 10. 02
Unless otherwise specifid , refer to IEC 60512.				DESIGNED	NS. HIROSE	06. 10. 02
				DRAWN	AK. MIURA	06. 10. 02
Note QT:Qualification Test AT:Assurance Test X:Applicable Test				DRAWING NO.	ELG4-313906-00	
	SPECIFICATION SHEET			PART NO.	DF11-*DEP-2A	
	HIROSE ELECTRIC CO., LTD.			CODE NO.	CL543	

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