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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	-30°C TO + 85°C (NOTE 1)	STORAGE TEMPERATURE RANGE		-10°C TO + 60°C
	VOLTAGE	250V AC	UL · CSA RATING	VOLTAGE	30V AC
	CURRENT	3A		CURRENT	3A
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	500V DC.		1000MΩ MIN.		X -
VOLTAGE PROOF	650V AC FOR 1 min.		NO FLASHOVER OR BREAKDOWN.		X -
MECHANICAL CHARACTERISTICS					
VIBRATION	FREQUENCY 10 TO 55 Hz, SINGLE AMPLITUDE 0.75 mm, AT 2 h, FOR 3 DIRECTIONS.		① NO ELECTRICAL DISCONTINUITY OF 1μs.		X -
SHOCK	490 m/s ² DURATION OF PULSE 11 ms AT 3 TIMES FOR 3 DIRECTIONS.		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 TO 15 → 30→ 5 TO 15 min UNDER 5 CYCLES.		① INSULATION RESISTANCE: 1000MΩ MIN. ② NO DAMAGE, CRACK OR LOOSENESS OF PARTS.		X -
DAMP HEAT (STEADY STATE)	EXPOSED AT 40 ± 2 °C, 90 TO 95 %, 96 h.		① INSULATION RESISTANCE: 1000MΩ MIN. ② NO DAMAGE, CRACK OR LOOSENESS OF PARTS.		X -
	COUNT	DESCRIPTION OF REVISIONS	DESIGNED	CHECKED	DATE
REMARKS			APPROVED	TS. SAKATA	09.01.20
NOTE 1:INCLUDING THE TEMPERATURE RISE BY CURRENT.			CHECKED	TS. KUMAZAWA	09.01.20
			DESIGNED	KT. ISHII	09.01.14
Unless otherwise specified , refer to JIS C 5402.			DRAWN	KT. ISHII	09.01.14
Note QT:Qualification Test AT:Assurance Test X:Applicable Test			DRAWING NO.		ELC4-081774-01
	SPECIFICATION SHEET		PART NO.	DF3AA-12EP-2C	
	HIROSE ELECTRIC CO., LTD.		CODE NO.	CL543-0161-9-00	1/1