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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 85 °C ⁽¹⁾	STORAGE TEMPERATURE RANGE	-10 °C TO 60 °C ⁽²⁾	
	VOLTAGE	250 V AC	OPERATING HUMIDITY RANGE	40 % TO 80 %	
	CURRENT	3 A	STORAGE HUMIDITY RANGE	40 % TO 70 % ⁽²⁾	
			APPLICABLE CABLE (AWG SIZE)	AWG22 TO 36	
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	500 V DC.		1000 MΩ MIN.	x	-
VOLTAGE PROOF	650 V AC FOR 1 min.		NO FLASHOVER OR BREAKDOWN.	x	-
ENVIRONMENTAL CHARACTERISTICS					
DAMP HEAT (STEADY STATE)	EXPOSED AT 40±2 °C, 90 ~ 95 %, 96 h.		①INSULATION RESISTANCE:1000 MΩ MIN. ②NO DAMAGE, CRACK AND LOOSENESS OF PARTS.	x	-
RAPID CHANGE OF TEMPERATURE	TEMPERATURE-65→+15~+35→+125→+15~+35°C TIME 30 → 10~15 → 30 → 10~15 min UNDER 5 CYCLES.			x	-
COUNT	DESCRIPTION OF REVISIONS	DESIGNED	CHECKED	DATE	
REMARK ⁽¹⁾ TEMPERATURE RISE INCLUDED WHEN ENERGIZED. ⁽²⁾ THIS STORAGE INDICATES A LONG-TERM STORAGE STATE FOR THE UNUSED PRODUCT BEFORE THE BOARD MOUNTED.			APPROVED	HS. OKAWA	12. 05. 24
			CHECKED	HT. YAMAGUCHI	12. 05. 24
			DESIGNED	KJ. NISHIWAKI	12. 05. 24
Unless otherwise specified, refer to MIL-STD-202.			DRAWN	CR. TAKESHIMA	12. 05. 24
Note QT:Qualification Test AT:Assurance Test X:Applicable Test		DRAWING NO.		ELC4-018777-01	
	SPECIFICATION SHEET		PART NO.	A1-10D-2. 54C	
	HIROSE ELECTRIC CO., LTD.		CODE NO.	CL619-0091-0-00	1/1