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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 <sup>(1)</sup>	STORAGE TEMPERATURE RANGE	-10 °C TO 60 °C <sup>(2)</sup>	
	VOLTAGE	250 V AC	OPERATING HUMIDITY RANGE	40 % TO 80 %	
	CURRENT	3 A	STORAGE HUMIDITY RANGE	40 % TO 70 % <sup>(2)</sup>	
			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	
<b>REMARK</b> <sup>(1)</sup> TEMPERATURE RISE INCLUDED WHEN ENERGIZED. <sup>(2)</sup> THIS STORAGE INDICATES A LONG-TERM STORAGE STATE FOR THE UNUSED PRODUCT BEFORE THE BOARD MOUNTED.  Unless otherwise specified, refer to MIL-STD-202.			APPROVED	HS. OZAWA	07. 11. 20
			CHECKED	HS. OZAWA	07. 11. 20
			DESIGNED	SY. KAMIGA	07. 11. 20
			DRAWN	HK. SUNADORI	07. 11. 16
Note QT:Qualification Test AT:Assurance Test X:Applicable Test		DRAWING NO.	ELC4-018778-00		
	SPECIFICATION SHEET		PART NO.	A1-12D-2. 54C	
	HIROSE ELECTRIC CO., LTD.		CODE NO.	CL619-0092-2-00	1/1