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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.	×	×
MARKING	CONFIRMED VISUALLY.		×	×
ELECTRIC CHARACTERISTICS				
INSULATION RESISTANCE	500 V DC.	1000 MΩ MIN.	×	—
VOLTAGE PROOF	650 V AC FOR 1 min.	NO FLASHOVER OR BREAKDOWN.	×	—
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.	×	—
RAPID CHANGE OF TEMPERATURE	TEMPERATURE-65→+15～+35→+125→+15～+35°C TIME 30 → 10～15 → 30 → 10～15 min UNDER 5 CYCLES.		×	—

	COUNT	DESCRIPTION OF REVISIONS	DESIGNED	CHECKED	DATE
△0					

REMARK (1) TEMPERATURE RISE INCLUDED WHEN ENERGIZED.
(2) 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

HRS	SPECIFICATION SHEET	PART NO.	A1-12D-2.54C	
	HIROSE ELECTRIC CO., LTD.	CODE NO.	CL619-0092-2-00 △0	1/1

FORM HD0011-2-1