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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)
	OPERATING HUMIDITY RANGE	40 % TO 80 %	STORAGE HUMIDITY RANGE	40 % TO 70 %(2)
	VOLTAGE	200 V AC	APPLICABLE CABLE	AWG #26 TO #36
	CURRENT	2 A	INSULATION	—

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 TO 95 %, 96 h.	1) INSULATION RESISTANCE: 1000 MΩ MIN. 2) NO DAMAGE, CRACK AND LOOSENESS OF PARTS.	×	—
RAPID CHANGE OF TEMPERATURE	TEMPERATURE -55 → +15 TO +35 → +85 → +15 TO +35 °C TIME 30 → 10 TO 15 → 30 → 10 TO 15 min. UNDER 5 CYCLES.	NO DAMAGE, CRACK AND LOOSENESS OF PARTS.	×	—

	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-1344.

APPROVED	HS. OKAWA	15.06.08
CHECKED	HT. YAMAGUCHI	15.06.08
DESIGNED	MT. ITANO	15.06.08
DRAWN	MT. ITANO	15.06.08

Note QT:Qualification Test AT:Assurance Test X:Applicable Test

DRAWING NO. ELC-083001-00-00

HRS

SPECIFICATION SHEET

HIROSE ELECTRIC CO., LTD.

PART NO. A4B-16S-2C

CODE NO. CL622-0310-4-00 0 1/1

FORM HD0011-2-1