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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
REMARK			APPROVED	HS. OKAWA	15.06.08
(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.			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		
	SPECIFICATION SHEET		PART NO.	A4B-5S-2C	
	HIROSE ELECTRIC CO., LTD.		CODE NO.	CL622-0304-1-00	1/1