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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 #32 TO #36	
	CURRENT	2 A	INSULATION	φ 0.4 TO φ 0.6	
SPECIFICATIONS					
ITEM	TEST METHOD	REQUIREMENTS	QT	AT	
CONSTRUCTION					
GENERAL EXAMINATION	VISUALLY AND BY MEASURING INSTRUMENT.	ACCORDING TO DRAWING.	×	×	
MARKING	CONFIRMED VISUALLY.		×	×	
ELECTRIC CHARACTERISTICS					
CONTACT RESISTANCE	100 mA (DC OR 1000 Hz).	15 mΩ MAX .	×	—	
MECHANICAL CHARACTERISTICS					
CONTACT INSERTION AND EXTRACTION FORCES	□ 0.5 ± 0.002 mm BY STEEL GAUGE.	INSERTION FORCE : 3.92 N MAX. EXTRACTION FORCE: 0.29 N MIN.	×	—	
MECHANICAL OPERATION	100 TIMES INSERTIONS AND EXTRACTIONS.	1) CONTACT RESISTANCE: 20 mΩ MAX. 2) NO DAMAGE, CRACK AND LOOSENESS OF PARTS.	×	—	
ENVIRONMENTAL CHARACTERISTICS					
DAMP HEAT (STEADY STATE)	EXPOSED AT 40±2 °C, 90 TO 95 %, 96 h.	NO DAMAGE, CRACK AND LOOSENESS OF PARTS.	×	—	
CORROSION SALT MIST	EXPOSED IN 5 % SALT WATER SPRAY FOR 48 h.	NO HEAVY CORROSION.	×	—	
OTHER					
CRIMP TENSILE STRENGTH	1) AWG #32 2) AWG #36	1) 2.94 MIN. 2) 1.96 MIN.	×	—	
	COUNT	DESCRIPTION OF REVISIONS	DESIGNED	CHECKED	DATE
REMARK			APPROVED	HS. OKAWA	15.06.04
(1) TEMPERATURE RISE INCLUDED WHEN ENERGIZED.			CHECKED	HT. YAMAGUCHI	15.06.04
(2) THIS STORAGE INDICATES A LONG-TERM STORAGE STATE FOR THE UNUSED PRODUCT BEFORE THE BOARD MOUNTED.			DESIGNED	MT. ITANO	15.06.04
Unless otherwise specified, refer to MIL-STD-1344.			DRAWN	MT. ITANO	15.06.04
Note QT:Qualification Test AT:Assurance Test X:Applicable Test			DRAWING NO.		ELC-021390-00-00
	SPECIFICATION SHEET		PART NO.	A3B-3236SCFC	
	HIROSE ELECTRIC CO., LTD.		CODE NO.	CL621-0303-2-00	1/1