




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.	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
					
REMARK ⁽¹⁾ TEMPERATURE RISE INCLUDED WHEN ENERGIZED. ⁽²⁾ THIS STORAGE INDICATES A LONG-TERM STORAGE STATE FOR THE UNUSED PRODUCT BEFORE THE BOARD MOUNTED.			APPROVED	HS. OZAWA	07. 11. 20
			CHECKED	HS. OZAWA	07. 11. 20
			DESIGNED	SY. KAMIGA	07. 11. 20
Unless otherwise specified, refer to MIL-STD-202.			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