

APPLICABLE STANDARD		SPECIFICATIONS			
RATING	OPERATING TEMPERATURE RANGE	-55 °C TO 85 °C ⁽¹⁾	STORAGE TEMPERATURE RANGE	-10 °C TO 60 °C ⁽²⁾	
	VOLTAGE	200 V AC	OPERATING HUMIDITY RANGE	40 % TO 80 %.	
	CURRENT	1 A	STORAGE HUMIDITY RANGE	40 % TO 70 % ⁽²⁾	
CONSTRUCTION					
GENERAL EXAMINATION	VISUALLY AND BY MEASURING INSTRUMENT.	ACCORDING TO DRAWING.			<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>
MARKING	CONFIRMED VISUALLY.				<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>
ELECTRIC CHARACTERISTICS					
CONTACT RESISTANCE	100 mA (DC OR 1000 Hz).	15 mΩ MAX.			<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>
INSULATION RESISTANCE	500 V DC	1000 MΩ MIN.			<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>
VOLTAGE PROOF	650 V AC FOR 1 min.	NO FLASHOVER OR BREAKDOWN.			<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>
MECHANICAL CHARACTERISTICS					
CONTACT INSERTION AND EXTRACTION FORCES	□ 0.5 ± 0.002 mm BY STEEL GAUGE.	INSERTION FORCE: 2.45 N MAX. EXTRACTION FORCE: 0.25 N MIN.			<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>
MECHANICAL OPERATION	100 TIMES INSERTIONS AND EXTRACTIONS.	① CONTACT RESISTANCE: 20 mΩ MAX. ② NO DAMAGE, CRACK AND LOOSENESS OF PARTS.			<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>
VIBRATION	FREQUENCY 10 TO 55 Hz, AMPLITUDE : 1.5 mm, AT 2 h FOR 3 DIRECTIONS.	① NO ELECTRICAL DISCONTINUITY OF 1 μs. ② NO DAMAGE, CRACK AND LOOSENESS OF PARTS.			<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>
SHOCK	490 m/s ² , DURATION OF PULSE 11 ms AT 3 TIMES FOR 3 DIRECTIONS.				<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>
ENVIRONMENTAL CHARACTERISTICS					
DAMP HEAT (STEADY STATE)	EXPOSED AT 40±2 °C, 90 ~ 95 %, 96 h.	① CONTACT RESISTANCE: 20 mΩ MAX. ② INSULATION RESISTANCE: 1000 MΩ MIN.			<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>
RAPID CHANGE OF TEMPERATURE	TEMPERATURE-65→+15~+35→+125→+15~+35°C TIME 30 → 10~15 → 30 → 10~15 min. UNDER 5 CYCLES.	③ NO DAMAGE, CRACK AND LOOSENESS OF PARTS.			<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>
CORROSION SALT MIST	EXPOSED IN 5 % SALT WATER SPRAY FOR 48 h.	① CONTACT RESISTANCE: 20 mΩ MAX. ② NO HEAVY CORROSION.			<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>
SULPHUR DIOXIDE	EXPOSED IN 10 PPM FOR 96 h. (TEST STANDARD: JEIDA - 39)				<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>
RESISTANCE TO SOLDERING HEAT	1) SOLDER BATH: SOLDER TEMPERATURE, 260±5°C FOR IMMERSION, DURATION, 10±1s.	NO DEFORMATION OF CASE OF EXCESSIVE LOOSENESS OF THE TERMINALS.			<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>
	2) SOLDERING IRONS : 350°C FOR 3 s MAX.				<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>
SOLDERABILITY	SOLDERED AT SOLDER TEMPERATURE, 245±3°C, FOR IMMERSION DURATION, 2 s.	A NEW UNIFORM COATING OF SOLDER SHALL COVER A MINIMUM OF 95 % OF THE SURFACE BEING IMMERSED.			<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>
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.OKAWA 06.05.20
				CHECKED	HS.OZAWA 06.05.20
				DESIGNED	KY.NAKAMURA 06.05.20
				DRAWN	KY.NAKAMURA 06.05.20
Note QT:Qualification Test AT:Assurance Test X:Applicable Test			DRAWING NO.	ELC4-081238-21	
	SPECIFICATION SHEET		PART NO.	A3C-32DA-2DSA (71)	
	HIROSE ELECTRIC CO., LTD.		CODE NO.	CL621-0515-0-71	 1/1