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APPLICABLE STANDARD				
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	2 A	STORAGE HUMIDITY RANGE	40 % TO 70 % (2)

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.	×	—
INSULATION RESISTANCE	500 V DC	1000 MΩ MIN.	×	—
VOLTAGE PROOF	650 V AC FOR 1 min.	NO FLASHOVER OR BREAKDOWN.	×	—
MECHANICAL CHARACTERISTICS				
MECHANICAL OPERATION	100 TIMES INSERTIONS AND EXTRACTIONS.	①CONTACT RESISTANCE: 20 mΩ MAX. ②NO DAMAGE, CRACK AND LOOSENESS OF PARTS.	×	—
VIBRATION	FREQUENCY 10 TO 55 Hz, AMPLITUDE : 1.5 mm, AT 2 h FOR 3 DIRECTIONS.	①NO ELECTRICAL DISCONTINUITY OF 1 μs. ②NO DAMAGE, CRACK AND LOOSENESS OF PARTS.	×	—
SHOCK	490 m/s^2 , DURATION OF PULSE 11 ms AT 3 TIMES FOR 3 DIRECTIONS.		×	—
ENVIRONMENTAL CHARACTERISTICS				
DAMP HEAT (STEADY STATE)	EXPOSED AT 40±2 °C, 90 ～ 95 %, 96 h.	①CONTACT RESISTANCE: 20 mΩ MAX. ②INSULATION RESISTANCE:1000 MΩ MIN.	×	—
RAPID CHANGE OF TEMPERATURE	TEMPERATURE-55→+15～+35→+85→+15～+35°C TIME 30 → 10～15 → 30 → 10～15 min. UNDER 5 CYCLES.	③NO DAMAGE, CRACK AND LOOSENESS OF PARTS.	×	—
CORROSION SALT MIST	EXPOSED IN 5 % SALT WATER SPRAY FOR 48 h.	①CONTACT RESISTANCE: 20 mΩ MAX. ②NO HEAVY CORROSION.	×	—
SULPHUR DIOXIDE	EXPOSED IN 10 PPM FOR 96 h. (TEST STANDARD: JEIDA - 39)		×	—
RESISTANCE TO SOLDERING HEAT	1) SOLDER BATH:SOLDER TEMPERATURE, 260±5℃ FOR IMMERSION,DURATION,10±1s.	NO DEFORMATION OF CASE OF EXCESSIVE LOOSENESS OF THE TERMINALS.	×	—
	2) SOLDERING IRONS : 350 °C FOR 3 s MAX.		×	—
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.	×	—

	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	NH. NAKATA	17. 04. 10
CHECKED	HT. YAMAGUCHI	17. 04. 10
DESIGNED	HR. NAGAYASU	17. 04. 10
DRAWN	HR. NAGAYASU	17. 04. 10

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

DRAWING NO. ELC-375928-00-00

HRS

SPECIFICATION SHEET

HIROSE ELECTRIC CO., LTD.

PART NO. A3B-*PA-2DS(51)

CODE NO. CL621 △0 1/1

FORM HD0011-2-1

Unikeyic Electronics

Global Electronic Components Distributor

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Hirose Electric:

DF36A-25P-SHL DF11-16DP-2DSA(24) DF22A-1416SCFA DF59M-2224PCF FH41-30S-0.5SH(05) DF17(3.0)-40DS-0.5V(57) DF62C-4S-2.2C FX18-80S-0.8SH RM12BRD-2PH(81) ZE064W-8DP-HU/R(A) DF19A-3032SCFA(41) DF65-4P-1.7V(21) FH72-21S-0.3SHW BM29B0.6-4DS/2-0.35V(51) FX18-60S-0.8SH ZE05-24DP-2H ZE05H-4P-2V(A) FX8-120S-SV(22) GT8E-6S-HU HDE-CTH(10) DF52-4P-0.8C DF57AH-5S-1.2C FH35C-19S-0.3SHW(50) FH41-50S-0.5SH(28) DF33C-4S-3.3C DF40C-50DP-0.4V(51) ZE05H-12DP-2H RM15TP-2PA(81) RM15TRH-10PH(81) ZH05-20DP-HU(B)