	COUNT	DESCRIPTION OF REVISIONS	BY	CHKD	DATE		COUNT	DESCRIPTION OF REVISIONS	BY	CHKD	DATE

APPLICATION STANDARD				
RATING	OPERATING TEMPERATURE RANGE	-55 ℃ TO +85 ℃	STORAGE TEMPERATURE RANGE	--- ℃ TO --- ℃
	VOLTAGE	200V AC	OPERATING HUMIDITY RANGE	--- % TO --- %
	CURRENT	2 A	APPLICABLE CABLE	AWG#26~36

SPECIFICATIONS

ITEM	TEST METHOD	REQUIREMENT	QT	AT
CONSTRUCTION				
GENERAL EXAMINATION	VISUALLY AND BY MEASURING INSTRUMENT.	ACCORDING TO DRAWING	O	O
MARKING	CONFIRMED VISUALLY		O	O
ELECTRICAL CHARACTERISTICS				
CONTACT RESISTANCE	mA (DC OR 1000 Hz)	mΩ MAX.	—	—
CONTACT RESISTANCE MILLIVOLT LEVEL METHOD	mV MAX, mA (DC OR 1000 Hz)	mΩ MAX.	—	—
INSULATION RESISTANCE	500 V DC	1000 MΩ MIN.	O	—
VOLTAGE PROOF	650 V AC FOR 1 min.	NO FLASHOVER OR BREAKDOWN	O	—
MECHANICAL CHARACTERISTICS				
CONTACT INSERTION AND EXTRACTION FORCES	BY STEEL GAUGE.	INSERTION FORCE: N MAX. EXTRACTION FORCE: N MIN.	—	—
INSERTION AND WITHDRAWAL FORCES	MEASURED BY APPLICABLE CONNECTOR.	INSERTION FORCE: N MAX. WITHDRAWAL FORCE N MIN.	—	—
MECHANICAL OPERATION	TIMES INSERTION AND EXTRACTIONS.	1) CONTACT RESISTANCE: mΩ MAX. 2) NO DAMAGE, CRACK AND LOOSENESS OF PART.	—	—
VIBRATION	FREQUENCY: TO Hz, AMPLITUDE: mm, - m/s^2 AT h FOR DIRECTIONS.	1) NO ELECTRICAL DISCONTINUITY OF μs 2) CONTACT RESISTANCE: – mΩ MAX. 3) NO DAMAGE, CRACK AND LOOSENESS OF PART.	—	—
SHOCK	m/s^2 DURATION OF PULSE ms AT TIMES FOR DIRECTIONS.		—	—
ENVIRONMENTAL CHARACTERISTICS				
DAMP HEAT (STEADY STATE)	EXPOSED AT 40±2 ℃, 90~95 %, 96 h.	1) ~~CONTACT RESISTANCE: mΩ MAX.~~ 2)INSULATION RESISTANCE: 1000 MΩ MIN.	O	—
RAPID CHAGE OF TEMPERTURE	TEMPERTURE-55→15~35→ 85→15~35℃ TIME 30→10~15 →30→10~15 min. UNDER 5 CYCLES.	3) NO DAMAGE, CRACK AND LOOSENESS OF PART.	O	—
DAMP HEAT,CYCLIC	EXPOSED AT TO ℃, TO %,TOTAL CYCLES(h).	1) CONTACT RESISTANCE: mΩ MAX. 2)INSULATION RESISTANCE: MΩ MIN.(AT HIGH HUMIDITY) 3)INSULATION RESISTANCE: MΩ MIN.(AT DRY) 4) NO DAMAGE, CRACK AND LOOSENESS OF PART.	—	—
DRY HEAT	EXPOSED AT ℃, h.	1) CONTACT RESISTANCE: mΩ MAX. 2) NO DAMAGE, CRACK AND LOOSENESS OF PART.	—	—
CORROSION SALT MIST	EXPOSED IN % SALT WATER SPRAY FOR h.	1) CONTACT RESISTANCE: mΩ MAX. 2) NO HEAVY CORROSION.	—	—
HYDROGEN SULPHIDE	EXPOSED IN PPM FOR h. (TEST STANDARD:JEIDA-38)		—	—
SULPHUR DIOXIDE	EXPOSED IN PPM FOR h. (TEST STANDARD:JEIDA-39)		—	—
RESISTANCE TO SOLDERING HEAT	SOLDER TEMPERATURE, ℃ FOR IMMERSION,DURATION, s.(MIL-STD-202)	NO DEFORMATION OF CASE OF EXCESSIVE LOOSENESS OF THE TERMINAL.	—	—
SOLDRABILITY	SOLDERED AT SOLDER TEMPERATURE, ℃ FOR IMMERSION DURATION, s.(MIL-STD-202)	A NEW UNIFORM COATING OF SOLDER SHALL COVER A MINIMUM OF 95 % OF THE SURFACE BEING IMMERSED.	—	—

REMARKS	DRAWN	DESIGNED	CHECKED	APPROVED	RELEASED
UNLESS OTHERWISE SPECIFIED, REFER TO MIL-STD-1364	J. Takeuchi 97.10.01	J. Takeuchi 97.10.01	H. Obana 97.10.02	M. Yamaguchi 97.10.03	

NOTE QT: QUALIFICATION TEST AT: ASSURANCE TEST O: APPLICABLE TEST

HRS HIROSE ELECTRIC CO.,LTD.	SPECIFICATION SHEET	PART NO. A3B-44D-2C
CODE NO.(OLD) CL	DRAWING NO. ELC4- 082333	CODE NO. CL 621 - 0330 - 5

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FORM NO. 231-1

TO
PCK