

COUNT	DESCRIPTION OF REVISIONS	BY	CHKD	DATE	COUNT	DESCRIPTION OF REVISIONS	BY	CHKD	DATE
APPLICATION STANDARD									
RATING	OPERATING TEMPERATURE RANGE	-55 °C TO +85 °C			STORAGE TEMPERATURE RANGE	--- °C TO --- °C			
	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 <sup>2</sup> 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 <sup>2</sup> DURATION OF PULSE ms AT TIMES FOR DIRECTIONS.						-	-
ENVIRONMENTAL CHARACTERISTICS									
DAMP HEAT (STEADY STATE)		EXPOSED AT 40±2 °C, 90~95 %, 96 h.			1) <del>CONTACT RESISTANCE: mΩ MAX.</del> 2) INSULATION RESISTANCE: 1000 MΩ MIN.			O	-
RAPID CHAGE OF TEMPERTURE		TEMPERTURE-55→15~35→ 85→15~35°C 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 °C, TO °C %,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 °C, 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, °C FOR IMMERSION,DURATION, s.(MIL-STD-202)			NO DEFORMATION OF CASE OF EXCESSIVE LOOSENESS OF THE TERMINAL.			-	-
SOLDRABILITY		SOLDERED AT SOLDER TEMPERATURE, °C 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	
				J. J. Kuroki	J. J. Kuroki	H. Obara	M. Yamaguchi		
UNLESS OTHERWISE SPECIFIED, REFER TO MIL-STD-1364				97.10.01	97.10.01	97.10.02	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)		DRAWING NO.			CODE NO.			1	
CL		ELC4- 082333			CL 621 - 0330 - 5			1	