

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	200 V AC			OPERATING HUMIDITY RANGE	--- % TO --- %			
	CURRENT	2 A			APPLICABLE CABLE	AWG #26~30			
SPECIFICATIONS									
ITEM		TEST METHOD			REQUIREMENT			QT AT	
CONSTRUCTION									
GENERAL EXAMINATION		VISUALLY AND BY MEASURING INSTRUMENT.			ACCORDING TO DRAWING			○ ○	
MARKING		CONFIRMED VISUALLY						- -	
ELECTRICAL CHARACTERISTICS									
CONTACT RESISTANCE		100 mA (DC OR 1000 Hz)			15 mΩ MAX.			○ -	
CONTACT RESISTANCE MILLIVOLT LEVEL METHOD		mV MAX, mA (DC OR 1000 Hz)			mΩ MAX.			- -	
INSULATION RESISTANCE		V DC			MΩ MIN.			- -	
VOLTAGE PROOF		V AC FOR 1 min.			NO FLASHOVER OR BREAKDOWN			- -	
MECHANICAL CHARACTERISTICS									
CONTACT INSERTION AND EXTRACTION FORCES		□0.5±0.002 BY STEEL GAUGE.			INSERTION FORCE: 3.9 N MAX. EXTRACTION FORCE: 0.29 N MIN.			○ -	
INSERTION AND WITHDRAWAL FORCES		MEASURED BY APPLICABLE CONNECTOR.			INSERTION FORCE: N MAX. WITHDRAWAL FORCE N MIN.			- -	
MECHANICAL OPERATION		100 TIMES INSERTION AND EXTRACTIONS.			1) CONTACT RESISTANCE: 20 mΩ MAX. 2) NO DAMAGE, CRACK AND LOOSENESS OF PART.			○ -	
CRIMPING STRENGTH		by AWG#26			19.6 N			○ -	
		by AWG#28			9.8 N			○ -	
		by AWG#30			5.8 N			○ -	
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 °C, %, h.			1) CONTACT RESISTANCE: mΩ MAX. 2) INSULATION RESISTANCE: MΩ MIN.			- -	
RAPID CHAGE OF TEMPERTURE		TEMPERTURE °C TIME UNDER			3) NO DAMAGE, CRACK AND LOOSENESS OF PART.			- -	
DAMP HEAT, CYCLIC		EXPOSED AT TO °C, 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 °C, h.			1) CONTACT RESISTANCE: mΩ MAX. 2) NO DAMAGE, CRACK AND LOOSENESS OF PART.			- -	
CORROSION SALT MIST		EXPOSED IN 5 % SALT WATER SPRAY FOR 48 h.			1) CONTACT RESISTANCE: 20 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.			- -	
REMARKS				DRAWN	DESIGNED	CHECKED	APPROVED	RELEASED	
UNLESS OTHERWISE SPECIFIED, REFER TO MIL-STD-1344.				J. Takachi 97.9.30	J. Takachi 97.09.30	H. Okawa 97.10.01	M. Yamaguchi 97.10.03		
NOTE QT: QUALIFICATION TEST AT: ASSURANCE TEST O: APPLICABLE TEST									
HS HIROSE ELECTRIC CO., LTD.		SPECIFICATION SHEET			PART NO. A3B - 2630SCC				
CODE NO.(OLD)		DRAWING NO.		CODE NO.		1			
CL		ELC4-021389		CL 621 - 0302 - 0		1			

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