

COUNT	DESCRIPTION OF REVISIONS	BY	CHKD	DATE	COUNT	DESCRIPTION OF REVISIONS	BY	CHKD	DATE
APPLICATION STANDARD									
OPERATING TEMPERATURE RANGE		-55 °C TO +85 °C			STORAGE TEMPERATURE RANGE		— °C TO — °C		
RATING	VOLTAGE	200 V 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)			mW 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.			— —	
INSERTION AND WITHDRAWAL FORCES		MEASURED BY APPLICABLE CONNECTOR.			EXTRACTION FORCE: N MIN.			— —	
MECHANICAL OPERATION		TIMES INSERTION AND EXTRACTIONS.			INSERTION FORCE: N MAX.			— —	
					WITHDRAWAL FORCE: N MIN.			— —	
					1) CONTACT RESISTANCE: mΩ MAX.			— —	
					2) NO DAMAGE, CRACK AND LOOSENESS OF PART.			— —	
VIBRATION		FREQUENCY: TO Hz, AMPLITUDE: mm, m/s ² FOR h IN 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 IN DIRECTIONS.						— —	
ENVIRONMENTAL CHARACTERISTICS									
DAMP HEAT (STEADY STATE)		EXPOSED AT 40±2 °C, 90~95 %, 96 h.			1) CONTACT RESISTANCE: — mΩ MAX.			O —	
RAPID CHAGE OF TEMPERTURE		TEMPERTURE-55→5~35→ 85→5~35°C TIME 30→10~15→ 30→10~15 min. UNDER 5 CYCLES.			2)INSULATION RESISTANCE: 1000 MΩ MIN.			O —	
DAMP HEAT,CYCLIC		EXPOSED AT TO °C, TO % TOTAL CYCLES(h).			3) NO DAMAGE, CRACK AND LOOSENESS OF PART.			— —	
					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.(JIS-C-5402)			NO DEFORMATION OF CASE OF EXCESSIVE LOOSENESS OF THE TERMINAL.			— —	
SOLDRABILITY		SOLDERED AT SOLDER TEMPERATURE, °C FOR IMMERSION DURATION, s.(JIS-C-5402)			A NEW UNIFORM COATING OF SOLDER SHALL COVER A MINIMUM OF % OF THE SURFACE BEING IMMersed.			— —	
REMARKS				DRAWN	DESIGNED	CHECKED	APPROVED	RELEASED	
				<i>E. Samura</i>	<i>H. Okawa</i>	<i>M. Yamaguchi</i>	<i>M. Yamaguchi</i>		
UNLESS OTHERWISE SPECIFIED, REFER TO MIL-STD-1344.				<i>98.11.16</i>	<i>98.11.16</i>	<i>98.11.17</i>	<i>98.11.17</i>		
NOTE QT: QUALIFICATION TEST AT: ASSURANCE TEST O: APPLICABLE TEST				PART NO.					
HS HIROSE ELECTRIC CO.,LTD.				SPECIFICATION SHEET				A4B - 3S - 2C	
CODE NO.(OLD)		DRAWING NO.		CODE NO.				1	
CL		ELC4-021403		CL 622 - 0302 - 6				1	

TO
PCK