

COUNT	DESCRIPTION OF REVISIONS	BY	CHKD	DATE	COUNT	DESCRIPTION OF REVISIONS	BY	CHKD	DATE
<b>APPLICATION STANDARD</b>									
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 ~ 36			
<b>SPECIFICATIONS</b>									
ITEM		TEST METHOD			REQUIREMENT			QT	AT
<b>CONSTRUCTION</b>									
GENERAL EXAMINATION		VISUALLY AND BY MEASURING INSTRUMENT.			ACCORDING TO DRAWING			○	○
MARKING		CONFIRMED VISUALLY						○	○
<b>ELECTRICAL CHARACTERISTICS</b>									
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.			○	-
VOLTAGE PROOF		650 V AC FOR 1 min.			NO FLASHOVER OR BREAKDOWN			○	-
<b>MECHANICAL CHARACTERISTICS</b>									
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> 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 <sup>2</sup> DURATION OF PULSE ms AT TIMES IN DIRECTIONS.						-	-
<b>ENVIRONMENTAL CHARACTERISTICS</b>									
DAMP HEAT (STEADY STATE)		EXPOSED AT 40±2 °C, 90~95 %, 96 h.			1) CONTACT RESISTANCE: -- mΩ MAX. 2) INSULATION RESISTANCE: 1000 MΩ MIN.			○	-
RAPID CHAGE OF TEMPERTURE		TEMPERTURE-55→5~35→ 85→5~35°C TIME 30→10~15→ 30→10~15 min. UNDER 5 CYCLES.			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 % 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>F. Tamura</i>	<i>H. Okawa</i>	<i>M. Yamaguchi</i>	<i>M. Yamaguchi</i>		
UNLESS OTHERWISE SPECIFIED, REFER TO MIL-STD-1344.				98.11.16	98.11.16	98.11.17	98.11.17		
NOTE QT: QUALIFICATION TEST AT: ASSURANCE TEST O: APPLICABLE TEST									
<b>HRS</b> HIROSE ELECTRIC CO.,LTD.		SPECIFICATION SHEET			PART NO. A4B - 3S - 2C				
CODE NO.(OLD)		DRAWING NO.		CODE NO.		1			
CL		ELC4-021403		CL 622 - 0302 - 6		1			

Apr.1.2017 Copyright 2017 HIROSE ELECTRIC CO., LTD. All Rights Reserved.

TO  
PCK

