


COUNT	DESCRIPTION OF REVISIONS	BY	CHKD	DATE	COUNT	DESCRIPTION OF REVISIONS	BY	CHKD	DATE
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APPLICABLE STANDARD				
RATING	OPERATING TEMPERATURE RANGE	-55 ℃ TO +85 ℃	STORAGE TEMPERATURE RANGE	℃ TO ℃
	VOLTAGE	AC 200 V	OPERATING HUMIDITY RANGE	% TO %
	CURRENT	≥ A	APPLICABLE CABLE	AWG 26 ~ 36

SPECIFICATIONS

ITEM	TEST METHOD	REQUIREMENTS	QT	AT		
CONSTRUCTION						
GENERAL EXAMINATION	VISUALLY AND BY MEASURING INSTRUMENT.	DRAWING.	○	○		
MARKING	CONFIRMED VISUALLY.		○	○		
ELECTRICAL CHARACTERISTICS						
CONTACT RESISTANCE	mA (DC OR 1000 Hz).	mΩ MAX.				
CONTACT RESISTANCE MILLIVOLT LEVEL METHOD.	20 mV MAX. mA (DC OR 1000 Hz).					
INSULATION RESISTANCE	500 V DC	1000 MΩ MIN.	○			
VOLTAGE PROOF	650 V AC FOR 1 min	NO FLASHOVER OR BREAKDOWN.	○			
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. EXTRACTION FORCE N MIN.				
MECHANICAL OPERATION	TIMES INSERTIONS AND EXTRACTIONS	① CONTACT RESISTANCE: mΩ MAX. ② NO DAMAGE, CRACK AND LOOSENESS OF PARTS				
VOBRATION	FREQUENCY TO Hz, TOTAL AMPLITUDE mm, m/s ² AT h FOR DIRECTIONS.	① NO ELECTRICAL DISCONTINUITY OF μs. ② CONTACT RESISTANCE: mΩ MAX.				
SHOCK	m/s ² DURATION OF PULSE ms AT TIMES FOR DIRECTION.	③ NO DAMAGE, CRACK AND LOOSENESS OF PARTS.				
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. ③ NO DAMAGE, CRACK AND LOOSENESS OF PARTS.	○			
DAMP HEAT, CYCLIC	EXPOSED AT TO ℃, h. TO % CYCLES, TOTAL	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 PARTS.				
RAPID CHANGE OF TEMPERATURE	TEMPERATURE -55 → +5 → +85 → +5 → +85 ℃ TIME 30 → 10 → 15 → 30 → 10 → 15 min UNDER 5 CYCLES.	① CONTACT RESISTANCE: — mΩ MAX. ② INSULATION RESISTANCE: MΩ MIN. ③ NO DAMAGE, CRACK AND LOOSENESS OF PARTS.	○			
DRY HEAT	EXPOSED AT ℃, h.	① CONTACT RESISTANCE: mΩ MAX. ② NO DAMAGE, CRACK AND LOOSENESS OF PARTS.				
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)					
REMARKS		DRAWN	DESIGNED	CHECKED	APPROVED	RELEASED
Unless otherwise specified, refer to JIS C 5402.		<i>f. Matsukawa</i> 94.1.28	<i>f. Matsukawa</i> 94.1.28	<i>M. Nakamura</i> 94.1.28	<i>M. Nakamura</i> 94.1.28	
Note QT: Qualification Test AT: Assurance Test ○: Applicable Test						
HRS HIROSE ELECTRIC CO., LTD.		SPECIFICATION SHEET		PART NO. A4B-2S-2C		
CODE NO. (OLD) CL	DRAWING NO. ELC4- 21402	CODE NO. CL 622-0301-3			1/2	

TO

RESISTANCE TO SOLDERING HEAT	SOLDER TEMPERATURE, °C FOR IMMERSION, DURATION, S.	NO DEFORMATION OF CASE OF EXCESSIVE LOOSENESS OF THE TERMINALS.									
SOLDERABILITY	SOLDERED AT SOLDER TEMPERATURE, °C FOR IMMERSION DURATION, S.	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 JIS C 5402.		<i>f. Matsukawa</i> 94.1.28	<i>f. Matsukawa</i> 94.1.28	<i>m. Yokamura</i> 94.1.28	<i>m. Yokamura</i> 94.1.28						
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 HIROSE ELECTRIC CO., LTD.		SPECIFICATION SHEET		PART NO. A4B -2S -2C							
CODE NO. (OLD) CL	DRAWING NO. ELC4- 21402		CODE NO. CL 622-0301-3			2/2					