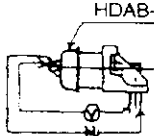


COUNT	DESCRIPTION OF REVISIONS	BY	CHKD	DATE	COUNT	DESCRIPTION OF REVISIONS	BY	CHKD	DATE
△	3	RE-E10382	T.T	H.M	04.12.09	△			
△					△				

APPLICABLE STANDARD				
RATING	OPERATING TEMPERATURE RANGE	△ -55 °C TO 85°C	STORAGE TEMPERATURE RANGE	△ -55 °C TO 85 °C
	VOLTAGE	350 V AC , 490 V DC	OPERATING HUMIDITY RANGE	△ 95 % MAX
	CURRENT	3 A	APPLICABLE CABLE	

SPECIFICATIONS				
ITEM	TEST METHOD	REQUIREMENTS	QT	AT
CONSTRUCTION				
GENERAL EXAMINATION	VISUALLY AND BY MEASURING INSTRUMENT.		ACCORDING TO DRAWING.	
MARKING	CONFIRMED VISUALLY.		○	○
ELECTRIC CHARACTERISTICS				
CONTACT RESISTANCE	100 mA (DC OR 1000 Hz).	1	25 mΩ MAX.	○
CONTACT RESISTANCE MILLIVOLT LEVEL METHOD.	20 mV MAX, 1 mA (DC OR 1000 Hz).	1		○
INSULATION RESISTANCE	500 V DC.		5000 MΩ MIN.	○
VOLTAGE PROOF	1250 V AC FOR 1 min.		NO FLASHOVER OR BREAKDOWN.	○
MECHANICAL CHARACTERISTICS				
CONTACT INSERTION AND EXTRACTION FORCES	φ 1.041 MAX φ 0.991 MIN BY STEEL GAUGE.		INSERTION FORCE 3.33 N MAX. EXTRACTION FORCE 0.28 N MIN.	○
INSERTION AND WITHDRAWAL FORCES	MEASURED BY APPLICABLE CONNECTOR.		INSERTION FORCE 50.0 N MAX. EXTRACTION FORCE 33.3 N MAX.	○
MECHANICAL OPERATION	500 TIMES INSERTIONS AND EXTRACTIONS.	1	① CONTACT RESISTANCE: 25 mΩ MAX. ② NO DAMAGE, CRACK AND LOOSENESS, OF PARTS.	○
VIBRATION	FREQUENCY 10 TO 55 Hz, SINGLE AMPLITUDE 0.75 mm, — m/s ² AT 2 h, FOR 3 DIRECTIONS.		NO DAMAGE, CRACK AND LOOSENESS, OF PARTS.	○
SHOCK	490 m/s ² DURATION OF PULSE 11 ms AT 3 TIMES FOR 3 DIRECTIONS.			○
ENVIRONMENTAL CHARACTERISTICS				
RAPID CHANGE OF TEMPERATURE	TEMPERATURE -55±2→5~35→85±3→5~35 °C TIME 30 →5MAX→ 30 →5MAX min UNDER 5 CYCLES.		NO DAMAGE, CRACK AND LOOSENESS, OF PARTS.	○
DAMP HEAT (STEADY STATE)	EXPOSED AT 40 °C, 90~95 %, 96 h.		① INSULATION RESISTANCE: 10 MΩ MIN. (AT HIGH HUMIDITY.) 1000 MΩ MIN. (AT DRY.) ② NO DAMAGE, CRACK AND LOOSENESS, OF PARTS.	○
CORROSION SALT MIST	EXPOSED IN 5 % SALT WATER SPRAY FOR 48 h.		NO HEAVY CORROSION.	○
RESISTANCE TO SOLDERING HEAT	SOLDER TEMPERATURE, 260 ± 5 °C FOR IMMERSION, DURATION 10 ± 1 S.		NO DEFORMATION OF CASE AND EXCESSIVE LOOSENESS OF THE TERMINALS.	○
SOLDERABILITY	SOLDERED AT SOLDER TEMPERATURE, 245 ± 2 °C FOR IMMERSION, DURATION 3 ± 1 S.		MIN. 95 % OF SOLDER IMMersed AREA SHALL BE COVERED NEW SOLDER COATING.	○
REMARKS				
NOTE: ① MEASUREMENT POINT OF CONTACT RESISTANCE				
				
Unless otherwise specified, refer to JIS C 5402.				
Note QT:Qualification Test AT:Assurance Test ○:Applicable Test				
HRS HIROSE ELECTRIC CO., LTD.		SPECIFICATION SHEET		PART NO.
				RDAD-15SE1/M2.6(55)
CODE NO.(OLD)	DRAWING NO.	CODE NO.		1
CL	ELC4-047707-02	CL211-5169-9-55		1