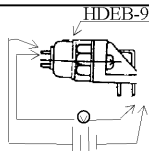


APPLICABLE STANDARD									
RATING	OPERATING TEMPERATURE RANGE		② — 55 °C TO +85 °C		STORAGE TEMPERATURE RANGE		③ — 55 °C TO +85 °C		
	VOLTAGE		350 V AC , 490 V DC		OPERATING HUMIDITY RANGE		95% MAX		
	CURRENT		3 A		APPLICABLE CABLE		—		
SPECIFICATIONS									
ITEM		TEST METHOD			REQUIREMENTS			QT	AT
CONSTRUCTION									
GENERAL EXAMINATION		VISUALLY AND BY MEASURING INSTRUMENT.			ACCORDING TO DRAWING.			X	X
MARKING		CONFIRMED VISUALLY.						X	X
ELECTRIC CHARACTERISTICS									
CONTACT RESISTANCE		100 mA (DC OR 1000 Hz). ①			25 mΩ MAX.			X	X
CONTACT RESISTANCE MILLIVOLT LEVEL METHOD		20 mV MAX 1 mA (DC OR 1000Hz). ①						X	—
INSULATION RESISTANCE		500 V DC.			5000 MΩ MIN.			X	X
VOLTAGE PROOF		1250 V AC FOR 1 min.			NO FLASHOVER OR BREAKDOWN.			X	X
MECHANICAL CHARACTERISTICS									
CONTACT INSERTION AND EXTRACTION FORCES		MAX ϕ 1.041 BY STEEL GAUGE. MIN ϕ 0.991			INSERTION FORCE 3.33 N MAX. EXTRACTION FORCE 0.28 N MIN.			X	—
INSERTION AND WITHDRAWAL FORCES		MEASURED BY APPLICABLE CONNECTOR.			INSERTION FORCE 30.4 N MAX. EXTRACTION FORCE 19.6 N MAX.			X	—
MECHANICAL OPERATION		500 TIMES INSERTIONS AND EXTRACTIONS. ①			1) CONTAC RESISTANCE: 25 mΩ MAX. 2) NO DAMAGE, CRACK AND LOOSENESS OF PARTS.			X	—
VIBRATION		FREQUENCY 10 TO 55 Hz SINGLE AMPLITUDE 0.75 mm, AT 2h, FOR 3 DIRECTIONS.			NO DAMAGE, CRACK AND LOOSENESS OF PARTS.			X	—
SHOCK		490 m/s <sup>2</sup> DIRECTION OF PULSE 11 ms AT 3 TIMES FOR 6 DIRECTIONS.						X	—
ENVIRONMENTAL CHARACTERISTICS									
RAPID CHANGE OF TEMPERATURE		TEMPERATURE -55 → 5~35 → 85 → 25 °C. TIME 30 → 2~3 → 30 → 2~3min. UNDER 5 CYCLES.			NO DAMAGE, CRACK AND LOOSENESS OF PARTS.			X	—
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.			X	—
CORROSION SALT MIST		EXPOSED IN 5 % SALT WATER SPRAY FOR 48 h.			NO HEAVY CORROSION.			X	—
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.			X	—
SOLDERABILITY		SOLDER TEMPERATURE, 245±2 °C FOR IMMERSION, DURATION 3±1 S.			MIN 95% OF SOLDER IMMERSED AREA SHALL BE COVERED WITH NEW SOLDER COATING.			X	—
△	COUNT	DESCRIPTION OF REVISIONS			DESIGNED		CHECKED		DATE
REMARK									
NOTE. ① MEASUREMENT POINT OF CONTACT RESISTANCE.							APPROVED	RI. TAKAYASU	12. 01. 11
② THE OPERATION TEMPERATURE INCLUDES THE RISE BY CURRENT CARRYING.							CHECKED	TA. ASO	12. 01. 11
③ PACKING MATERIAL IS NOT INCLUDED.							DESIGNED	KO. KAWAMURA	12. 01. 11
							DRAWN	RO. IIZUKA	12. 01. 10
Unless otherwise specified, refer to JIS C 5402									
Note QT:Qualification Test AT:Assurance Test X:Applicable Test					DRAWING NO.		ELC4-021516-01		
SPECIFICATION SHEET					PART NO.		RDED-9SE-LNA (4-40) (55)		
HIROSE ELECTRIC CO., LTD.					CODE NO.		CL211-0466-7-55		△ 1/1