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△	COUNT	DESCRIPTION OF REVISIONS	BY	CHKD	DATE	△	COUNT	DESCRIPTION OF REVISIONS	BY	CHKD	DATE
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APPLICABLE STANDARD											
RATING	OPERATING TEMPERATURE RANGE		-25 °C TO +85 °C			STORAGE TEMPERATURE RANGE		-10 °C TO +60 °C			
	VOLTAGE		AC 30 V , DC 42 V								
	CURRENT		5 A								
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		CONTACT SHALL BE MEASURED AT DC 1 A				30 mΩ MAX.				○	○
		CONTACT SHALL BE MEASURED AT DC - A				- mΩ MAX.				-	-
INSULATION RESISTANCE		100 V DC.				1000 MΩ MIN.				○	○
VOLTAGE PROOF		150 V AC FOR 1 min.				NO FLASHOVER OR BREAKDOWN.				○	○
MECHANICAL CHARACTERISTICS											
CONNECTOR INSERTION AND WITHDRAWAL FORCES		MEASURED BY APPLICABLE CONNECTOR. LOCKING DEVICE WITH LOCK.				INSERTION AND WITHDRAWAL FORCES : 9 TO 30 N.				○	-
MECHANICAL OPERATION		5000 TIMES INSERTIONS AND EXTRACTIONS.				①CONTACT RESISTANCE: 60 mΩ MAX.				○	-
VIBRATION		FREQUENCY 10 TO 55 Hz, SINGLE AMPLITUDE 0.75 mm, — m/s ² AT 2 h, FOR 3 DIRECTIONS.				①NO ELECTRICAL DISCONTINUITY OF 10 μs. ②NO DAMAGE, CRACK AND LOOSENESS OF PARTS.				○	-
SHOCK		490 m/s ² DIRECTIONS OF PULSE 11 ms AT 3 TIMES FOR 6 DIRECTION.				①NO ELECTRICAL DISCONTINUITY OF 10 μs. ②NO DAMAGE, CRACK AND LOOSENESS OF PARTS.				○	-
ENVIRONMENTAL CHARACTERISTICS											
DAMP HEAT (STEADY STATE)		EXPOSED AT 40 °C, 90 TO 95 %, 96 h.				①INSULATION RESISTANCE: 10 MΩ MIN (AT HIGH HUMIDITY). ②INSULATION RESISTANCE: 100 MΩ MIN (AT DRY). ③NO DAMAGE, CRACK AND LOOSENESS OF PARTS.				○	-
RAPID CHANGE OF TEMPERATURE		TEMPERATURE -55 → R/T → +85 → R/T °C TIME 30 → 10 TO 15 → 30 → 10 TO 15 min UNDER 5 CYCLES. (R/T: ROOM TEMPERATURE)				① INSULATION RESISTANCE: 100 MΩ MAX. ② NO DAMAGE, CRACK AND LOOSENESS OF PARTS.				○	-
CORROSION SALT MIST		EXPOSED IN 5 % SALT WATER SPRAY FOR 48 h.				NO HEAVY CORROSION.				○	-
DRY HEAT		EXPOSED AT + 85 °C , 96 h.				NO DAMAGE, CRACK AND LOOSENESS OF PARTS.				○	-
COLD		EXPOSED AT - 55 °C , 96 h.				NO DAMAGE, CRACK AND LOOSENESS OF PARTS.				○	-
RESISTANCE TO SOLDERING HEAT		SOLDER TEMPERATURE, +350±10°C, FOR IMMERSION DURATION, 5 ±0.5s.				NO DEFORMATION OF CASE OF EXCESSIVE LOOSENESS WHICH SPOILS A FUNCTION.				○	-
SOLDERABILITY		SOLDER TEMPERATURE, +350±10°C, FOR IMMERSION DURATION, 2 TO 3s.				WETTING ON SOLDER SURFACE. NO SOLDER CLUSTER.				○	-
REMARKS						DRAWN	DESIGNED	CHECKED	APPROVED	RELEASED	
						H. Kawashima	H. Kawashima	E. Kunii	M. Yoshida		
Unless otherwise specified, refer to JIS C 5042.						'04.7.20	'04.7.20	'04.07.23	'04.7.23		
Note QT:Qualification Test AT:Assurance Test ○:Applicable Test											
HRS HIROSE ELECTRIC CO., LTD.						SPECIFICATION SHEET			PART NO. RP34L-5R-3PD(71)		
CODE NO. (OLD) CL			DRAWING NO. ELC4-111616-71			CODE NO. CL 113-5157-4-71			1 1		