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 In case that the application demands a high level of reliability, such as automotive,
 please contact a company representative for further information.

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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			APPLICABLE CABLE	(φ4)			
	CURRENT	5 A (USED AWG#18)							
	3 A (USED AWG#20~22)								
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		0.67 ⁰ _{-0.003} BY STEEL GAUGE			INSERTION FORCES AND WITHDRAWAL FORCES : 0.15 N MIN			○	—
CONNECTOR INSERTION AND WITHDRAWAL FORCES		MEASURED BY APPLICABLE CONNECTOR. LOCKING DEVICE WITH LOOK.			INSERTION FORCES : 30N MAX WITHDRAWAL FORCES : 9 N MIN			○	—
MECHANICAL OPERATION		5000 TIMES INSERTIONS AND EXTRACTIONS.			CONTACT RESISTANCE: 60 mΩ MAX			○	—
VIBRATION		FREQUENCY 10 TO 55 Hz SINGLE AMPLITUDE 0.75 mm — m/s ² AT 2 h, FOR 3 DIRECTIONS.			① NO ELECTRICAL DISCONTINUITY OF 10 μs. ② NO DAMAGE, CRACK AND LOOSENESS, OF PARTS.			○	—
SHOCK		490 m/s ² DIRECTIONS OF PULSE 11 ms AT 3 TIMES FOR 3 DIRECTION			① NO ELECTRICAL DISCONTINUITY OF 10 μs. ② NO DAMAGE, CRACK AND LOOSENESS, OF PARTS.			○	—
CONTACT RETENTION FORCE		APPLYING A PULL FORCE THE WIRE AFTER THE THE APPLICABLE CRIMPED CONTACT IS ASSEMBLED WITH THE BODY.			20 N MIN			○	—
ENVIRONMENTAL CHARACTERISTICS									
DAMP HEAT (STEADY STATE)		EXPOSED AT 40 °C, 90 TO 95 %, 96 h.			① INSULATION RESISTANCE: 10 MΩ MIN (AT HIGH HUMIDITY). ② INSULATION RESISTANCE: 100 MΩ MIN (AT DRY). ③ NO 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 CORROSIN.			○	—
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.			○	—
REMARKS					DRAWN	DESIGNED	CHECKED	APPROVED	RELEASED
① ABOVE SPECIFICATIONS SHOWS THE VALUE IN ASSEMBLED CONDITION WITH APPLICABLE CRAMP CONTACT.					<i>D. Matsume</i>	<i>D. Matsume</i>	<i>E. Kumai</i>	<i>M. Sato</i>	
Unless otherwise specified, refer to JIS C 5042.					'05.11.11	'05.11.11	'05.11.11	'05.11.11	
Note QT:Qualification Test AT:Assurance Test O:Applicable Test									
HRS HIROSE ELECTRIC CO., LTD.		SPECIFICATION SHEET			PART NO. RP34L-5PA-3SC(71)				
CODE NO. (OLD) CL		DRAWING NO. ELC4-113158-71			CODE NO. CL 113-5178-4-71			1	1

