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In case of consideration for using Automotive equipment / device which demand high reliability, kindly contact our sales window correspondents.

COUNT	DESCRIPTION OF REVISIONS	BY	CHKD	DATE	COUNT	DESCRIPTION OF REVISIONS	BY	CHKD	DATE
△					△				
△					△				
APPLICABLE STANDARD									
RATING	OPERATING TEMPERATURE RANGE	-10 °C TO +60 °C			STORAGE TEMPERATURE RANGE	-10 °C TO +60 °C			
	VOLTAGE	AC 30 V , DC 42 V			APPLICABLE CABLE	φ 4±0.2			
	CURRENT	3 A							
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		CONTACT SHALL BE MEASURED AT DC 1 A			30 mΩ MAX.			x	—
INSULATION RESISTANCE		100 V DC.			1000 MΩ MIN.			x	—
VOLTAGE PROOF		150 V AC FOR 1 min.			NO FLASHOVER OR BREAKDOWN.			x	—
MECHANICAL CHARACTERISTICS									
CONTACT INSERTION AND WITHDRAWAL FORCES		φ0.57 ⁰ -0.003 BY STEEL GAUGE.			INSERTION AND WITHDRAWAL FORCES : 0.15 N MIN.			x	—
CONNECTOR INSERTION AND WITHDRAWAL FORCES		MEASURED BY APPLICABLE CONNECTOR. LOCKING DEVICE WITH LOOK.			INSERTION AND WITHDRAWAL FORCES : 4.9 TO 49 N.			x	—
MECHANICAL OPERATION		5000 TIMES INSERTIONS AND EXTRACTIONS.			① CONTACT RESISTANCE: 60 mΩ MAX.			x	—
VIBRATION		FREQUENCY 10 TO 55 Hz, SINGLE AMPLITUDE 0.75 mm. — m/s ² AT 2h.FOR 3 DIRECTIONS.			① NO ELECTRICAL DISCONTINUITY OF 10 μs. ② NO DAMAGE, CRACK AND LOOSENESS OF PARTS.			x	—
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.			x	—
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). NO DAMAGE, CRACK AND LOOSENESS OF PARTS.			x	—
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 MIN. 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	—
DRY HEAT		EXPOSED AT + 85 °C , 96 h.			NO DAMAGE, CRACK AND LOOSENESS OF PARTS.			x	—
COLD		EXPOSED AT - 55 °C , 96 h.			NO DAMAGE, CRACK AND LOOSENESS OF PARTS.			x	—
REMARKS									
				DRAWN	DESIGNED	CHECKED	APPROVED	RELEASED	
				E. Yumino 06.01.26	G. Yamada 06.01.27	T. Abijama 06.01.27	M. Sato 06.01.27		
Unless otherwise specified, refer to JIS C 5042.									
Note QT:Qualification Test AT:Assurance Test O:Applicable Test									
HRS HIROSE ELECTRIC CO., LTD.				SPECIFICATION SHEET			PART NO. RP34-8SP-3SCD(71)		
CODE NO.(OLD) CL		DRAWING NO. ELC4-045690-71			CODE NO. CL113-5061-7-71			1/1	