

COUNT	DESCRIPTION OF REVISIONS	BY	CHKD	DATE	COUNT	DESCRIPTION OF REVISIONS	BY	CHKD	DATE
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APPLICABLE STANDARD				
RATING	OPERATING TEMPERATURE RANGE	-35 °C TO +85 °C (NOTE 1)	STORAGE TEMPERATURE RANGE	-10 °C TO +60 °C
	VOLTAGE	150 V AC	APPLICABLE CONTACT	—
	CURRENT	1 A	APPLICABLE CONNECTOR	—
			APPLICABLE CABLE	#26-30 AWG

SPECIFICATIONS

ITEM	TEST METHOD	REQUIREMENTS	QT	AT
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CONSTRUCTION				
GENERAL EXAMINATION	VISUALLY AND BY MEASURING INSTRUMENT.		ACCORDING TO DRAWING.	
MARKING	CONFIRMED VISUALLY.		<input type="radio"/>	<input type="radio"/>
ELECTRICAL CHARACTERISTICS				
CONTACT RESISTANCE	100 mA (DC OR 1000 Hz).	30 mΩ MAX.	<input type="radio"/>	—
CONTACT RESISTANCE MILLIVOLT LEVEL METHOD.	20 mV MAX. mA (DC OR 1000 Hz).	mΩ MAX.	—	—
INSULATION RESISTANCE	V DC	MΩ MIN.	—	—
VOLTAGE PROOF	V AC FOR 1 min	NO FLASHOVER OR BREAKDOWN.	—	—

MECHANICAL CHARACTERISTICS				
CONTACT INSERTION AND EXTRACTION FORCES	BY STEEL GAUGE.		INSERTION FORCE	N MAX.
			EXTRACTION FORCE	N MIN.
INSERTION AND WITHDRAWAL FORCES	MEASURED BY APPLICABLE CONNECTOR.		INSERTION FORCE	N MAX.
			EXTRACTION FORCE	N MIN.
MECHANICAL OPERATION	30 TIMES INSERTIONS AND EXTRACTIONS		① CONTACT RESISTANCE: 30 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.		① NO ELECTRICAL DISCONTINUITY OF PARTS. ② CONTACT RESISTANCE: — mΩ MAX. ③ NO DAMAGE, CRACK AND LOOSENESS OF PARTS.	
SHOCK	490 m/s ² DURATION OF PULSE 11 ms AT 3 TIMES FOR 3 DIRECTIONS.		① NO ELECTRICAL DISCONTINUITY OF PARTS. ② CONTACT RESISTANCE: — mΩ MAX. ③ NO DAMAGE, CRACK AND LOOSENESS OF PARTS.	

ENVIRONMENTAL CHARACTERISTICS				
DAMP HEAT (STEADY STATE)	EXPOSED AT	°C	%	h.
RAPID CHANGE OF TEMPERATURE	TEMPERATURE -55 → 5~35 → +85 → 5~35 °C		① CONTACT RESISTANCE: 30 mΩ MAX. ② INSULATION RESISTANCE: — mΩ. ③ NO DAMAGE, CRACK AND LOOSENESS OF PARTS.	
	TIME 30 → 10~15 → 30 → 10~15 min			
	UNDER 5 CYCLES.			

OTHER				
CRIMP TENSILE STRENGTH	AWG26	19.6 N MIN		<input type="radio"/>
	AWG28	9.8 N MIN		<input type="radio"/>
	AWG30	5.9 N MIN		<input type="radio"/>

REMARKS	DRAWN	DESIGNED	CHECKED	APPROVED	RELEASED
NOTE! INCLUDE THE TEMPERATURE RISING BY CURRENT.	J. Tashiro	J. Tashiro	J. Ome	M. Yamamoto	
Unless otherwise specified, refer to MIL-STD-1344.	'95.3.8	'95.3.8	'95.3.9	'95.3.10	

Note QT: Qualification Test AT: Assurance Test ○: Applicable Test	
HRS HIROSE ELECTRIC CO., LTD.	SPECIFICATION SHEET PART NO. DF13-2630SCF(41)
CODE NO. (OLD) CL	DRAWING NO. ELC4-081857-05 CODE NO. CL 536-0300-5-41

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