

COUNT	DESCRIPTION OF REVISIONS	BY	CHKD	DATE	COUNT	DESCRIPTION OF REVISIONS	BY	CHKD	DATE
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APPLICABLE STANDARD			
RATING	OPERATING TEMPERATURE RANGE	-30℃ TO +85℃ (NOTE1)	STORAGE TEMPERATURE RANGE
	VOLTAGE	≥ 50 V	APPLICABLE CONTACT
	CURRENT	AWG24-26 2A	APPLICABLE CONNECTOR
		AWG28 1A	APPLICABLE CABLE

### SPECIFICATIONS

ITEM	TEST METHOD	REQUIREMENTS	Q	T	A
<b>CONSTRUCTION</b>					
GENERAL EXAMINATION	VISUALLY AND BY MEASURING INSTRUMENT.	ACCORDING TO DRAWING.		○	○
MARKING	CONFIRMED VISUALLY.			○	○
<b>ELECTRICAL CHARACTERISTICS</b>					
CONTACT RESISTANCE	100 mA (DC OR 1000 Hz).	30 mΩ MAX.		○	—
CONTACT RESISTANCE MILLIVOLT LEVEL METHOD.	20 mV MAX. mA (DC OR 1000 Hz).	mΩ MAX.		—	—
INSULATION RESISTANCE	500 V DC	1000 MΩ MIN.		○	—
VOLTAGE PROOF	650 V AC FOR 1 min	NO FLASHOVER OR BREAKDOWN.		○	—
<b>MECHANICAL CHARACTERISTICS</b>					
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	TIMES INSERTIONS AND EXTRACTIONS	① CONTACT RESISTANCE: mΩ MAX. ② NO DAMAGE, CRACK AND LOOSENESS OF PARTS.		—	—
VIBRATION	FREQUENCY TO Hz, SINGLE AMPLITUDE mm, m/s <sup>2</sup> AT h FOR DIRECTIONS.	① NO ELECTRICAL DISCONTINUITY OF μs. ② CONTACT RESISTANCE: mΩ MAX. ③ NO DAMAGE, CRACK AND LOOSENESS OF PARTS.		—	—
SHOCK	AT m/s <sup>2</sup> DURATION OF PULSE ms TIMES FOR DIRECTIONS.	① NO ELECTRICAL DISCONTINUITY OF μs. ② CONTACT RESISTANCE: mΩ MAX. ③ NO DAMAGE, CRACK AND LOOSENESS OF PARTS.		—	—
<b>ENVIRONMENTAL CHARACTERISTICS</b>					
DAMP HEAT (STEADY STATE)	EXPOSED AT 40±2℃, 90~95% 96 h.	① CONTACT RESISTANCE: 30 mΩ MAX. ② INSULATION RESISTANCE: 1000 MΩ MIN. ③ NO DAMAGE, CRACK AND LOOSENESS OF PARTS.		○	—
RAPID CHANGE OF TEMPERATURE	TEMPERATURE → → → ℃ TIME → → → min UNDER CYCLES.	① CONTACT RESISTANCE: mΩ MAX. ② INSULATION RESISTANCE: MΩ. ③ NO DAMAGE, CRACK AND LOOSENESS OF PARTS.		—	—
RESISTANCE TO SOLDERING HEAT	SOLDER TEMPERATURE, ℃ FOR IMMERSION, DURATION, s.	NO DEFORMATION OF CASE OF EXCESSIVE LOOSENESS OF THE TERMINALS.		—	—
SOLDERABILITY	SOLDERED AT SOLDER TEMPERATURE, ℃ FOR IMMERSION DURATION, s.	A NEW UNIFORM COATING OF SOLDER SHALL COVER A MINIMUM OF 95 % OF THE SURFACE BEING IMMersed.		—	—
REMARKS					
NOTE1 INCLUDE THE TEMPERATURE RISING BY TURNING ON ELECTRICITY.		DRAWN		DESIGNED	CHECKED
Unless otherwise specified, refer to MIL-STD-1344.		T. Miyazaki		T. Miyazaki	C. Hanami
		95.2.2		95.2.2	95.2.7
					M. Yamamoto
					95.2.10
Note QT: Qualification Test AT: Assurance Test ○: Applicable Test					
HRS HIROSE ELECTRIC CO., LTD.		SPECIFICATION SHEET		PART NO.	
				DH11-34DS-2C	
CODE NO. (OLD)	DRAWING NO.	CODE NO.			
CL	ELC4-020812-01	CL 543-0516-2		1/1	