

△	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(NOTE1)			STORAGE TEMPERATURE RANGE		-10 °C TO +60 °C			
	VOLTAGE		150 V AC			APPLICABLE CONTACT					
	CURRENT		1 A			APPLICABLE CONNECTOR		AWG30~32			
						APPLICABLE CABLE					
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		100 mA (DC OR 1000 Hz).				30 mΩ MAX.				×	—
MECHANICAL CHARACTERISTICS											
CONTACT INSERTION AND EXTRACTION FORCES		□0.35±0.002 BY STEEL GAUGE.				INSERTION FORCE 3.0 N MAX.		EXTRACTION FORCE 0.3 N MIN.		×	—
MECHANICAL OPERATION		30 TIMES INSERTIONS AND EXTRACTIONS.				① CONTACT RESISTANCE: 30 mΩ MAX. ② NO DAMAGE, CRACK OR LOOSENESS OF PARTS.				×	—
VIBRATION		FREQUENCY 10 TO 55 Hz, SINGLE AMPLITUDE 0.75 mm, AT 2 h, FOR 3 DIRECTIONS.				① NO ELECTRICAL DISCONTINUITY OF 1 μs.				×	—
SHOCK		490 m/s ² DURATION OF PULSE 11 ms AT 3 TIMES FOR 3 DIRECTIONS.				② NO DAMAGE, CRACK OR LOOSENESS OF PARTS.				×	—
ENVIRONMENTAL CHARACTERISTICS											
RAPID CHANGE OF TEMPERATURE		TEMPERATURE -55 →5 ~ 35 →+85 →5 ~35 °C TIME 30 →10 ~ 15 →30 →10~15min UNDER 5 CYCLES.				① CONTACT RESISTANCE: 30 mΩ MAX. ② NO DAMAGE, CRACK OR LOOSENESS OF PARTS.				×	—
CRIMP TENSILE STRENGTH		AWG30 AWC32				5.9N MIN 2.9N MIN				×	—
REMARKS NOTE1: INCLUDE THE TEMPERATURE RISING BY CURRENT.						DRAWN	DESIGNED	CHECKED	APPROVED	RELEASED	
Unless otherwise specified, refer to MIL-STD-1344.						M. Kuramashi '02.11.29	H. Umehara '02.11.29	T. Miyajima '02.11.29	K. Katayama '02.11.29		
Note QT:Qualification Test AT:Assurance Test ×:Applicable Test											
HRS HIROSE ELECTRIC CO., LTD.						SPECIFICATION SHEET			PART NO. DF13-3032SCF		
CODE NO.(OLD) CL			DRAWING NO. ELC4-081859			PART NO. CL536-0299-8			1/1		