

COUNT	DESCRIPTION OF REVISIONS	BY	CHKD	DATE	COUNT	DESCRIPTION OF REVISIONS	BY	CHKD	DATE	
△					△					
△					△					
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	
					<i>M. Kuramashi</i>	<i>H. Umehara</i>	<i>T. Miyajima</i>	<i>K. Katayama</i>		
Unless otherwise specified, refer to MIL-STD-1344.					'02.11.29	'02.11.29	'02.11.29	'02.11.29		
Note QT:Qualification Test AT:Assurance Test X: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	

TO

