

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

TO

COUNT	DESCRIPTION OF REVISIONS	BY	CHKD	DATE	COUNT	DESCRIPTION OF REVISIONS	BY	CHKD	DATE																								
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<b>APPLICABLE STANDARD</b> OPERATING TEMPERATURE RANGE -35 °C TO 85 °C(NOTE 1) STORAGE TEMPERATURE RANGE -10°C TO 60 °C RATING VOLTAGE 250 V AC APPLICABLE CONNECTORS DF1B-※(D)S-2.5R(C) CURRENT 3A OPERATING HUMIDITY RANGE UL1061.AWG24																																	
<b>ITEM</b>					<b>TEST METHOD</b>					<b>REQUIREMENTS</b>					<b>QT</b>		<b>AT</b>																
<b>CONSTRUCTION</b>										GENERAL EXAMINATION VISUALLY AND BY MEASURING INSTRUMENT.										ACCORDING TO DRAWING.		X		X									
MARKING										CONFIRMED VISUALLY.										X		X											
<b>ELECTRIC CHARACTERISTICS</b>										CONTACT RESISTANCE 100 mA (DC OR 1000 Hz)										30 mΩ MAX.		X		-									
<b>MECHANICAL CHARACTERISTICS</b>										CONTACT INSERTION AND EXTRACTION										□ 0.635 ± 0.002mm BY STEEL GAUGE.		INSERTION FORCE 4.4 N MAX		EXTRACTION FORCE 0.44 N MIN		X		-					
FORCES										MECHANICAL OPERATION										30 TIMES INSERTIONS AND EXTRACTIONS.		① CONTACT RESISTANCE: 30mΩ MAX		② NO DAMAGE: CRACK AND LOOSENESS.		X		-					
VIBRATION										SHOCK										FREQUENCY 10 TO 55 Hz, SINGLE AMPLITUDE 0.75mm, AT 2 h, FOR 3 DIRECTIONS.		① NO ELECTRICAL DISCONTINUITY OF 1μs.		② CONTACT RESISTANCE: 30 mΩ MAX		③ NO DAMAGE: CRACK AND LOOSENESS.		X		-			
ENVIRONMENTAL CHARACTERISTICS										RAPID CHANGE OF TEMPERATURE										TEMPERATURE -55 → -5 TO 35 → 85 → 5 TO 35 °C		TIME 30 → 10 → 30 → 10 min		① CONTACT RESISTANCE: 30 mΩ MAX		② NO DAMAGE: CRACK AND LOOSENESS.		③ NO DAMAGE: CRACK AND LOOSENESS.		X		-	
DAMP HEAT (STEADY STATE)										EXPOSED AT 40 ± 2 °C, 90 TO 95 %, 96 h.										① CONTACT RESISTANCE: 30 mΩ MAX		② NO DAMAGE: CRACK AND LOOSENESS.		③ NO DAMAGE: CRACK AND LOOSENESS.		X		-					
REMARKS										NOTE1: INCLUDE THE TEMPERATURE RISING BY CURRENT										DRAWN W. Fukuchi '00.4.12		DESIGNED W. Fukuchi '00.4.12		CHECKED T. Miyazaki '00.4.12		APPROVED K. Katayama '00.4.13		RELEASED					
UNLESS OTHERWISE SPECIFIED, REFER TO MIL-STD-1344.										Note QT: Qualification Test AT Assurance Test X: Applicable Test																							
<b>HRS</b>			HIROSE ELECTRIC CO., LTD.			SPECIFICATION SHEET			PART NO.			DF1B-R24F																					
CODE NO.(OLD)			DRAWING NO			PART NO																											
CL			ELC4-020205			CL541-0217-9									1		1																