

	COUNT	DESCRIPTION OF REVISIONS	BY	CHKD	DATE		COUNT	DESCRIPTION OF REVISIONS	BY	CHKD	DATE
△						△					
△						△					
APPLICABLE STANDARD											
RATING	OPERATING TEMPERATURE RANGE		-30 °C TO +85 °C (NOTE1)			STORAGE TEMPERATURE RANGE		-10 °C TO +60 °C			
	VOLTAGE		300 V AC			APPLICABLE CONNECTOR		MDF 6-*DS-3.5C			
	CURRENT		AWG 20 5A			APPLICABLE CABLE		UL1007 AWG20 TO 22			
			AWG 22 4A								
SPECIFICATIONS											
ITEM		TEST METHOD				REQUIREMENTS			QT		AT
CONSTRUCTION											
GENERAL EXAMINATION		VISUALLY AND BY MEASURING INSTRUMENT.				ACCORDING TO DRAWING.			X		X
MARKING		CONFIRMED VISUALLY.							X		X
ELECTRICAL CHARACTERISTICS											
CONTACT RESISTANCE		100 mA (DC OR 1000 Hz).				30 mΩ MAX.			X		-
MECHANICAL CHARACTERISTICS											
CONTACT INSERTION AND EXTRACTION FORCES		□1.52×0.76±0.002 BY STEEL GAUGE.				INSERTION FORCE 4.9N MAX EXTRACTION FORCE 0.4N MIN		X		-	
VIBRATION		FREQUENCY 10 TO 55Hz, SINGLE AMPLITUDE 0.75 mm, AT 2 h, FOR 3 DIRECTIONS.				① NO ELECTRICAL DISCONTINUITY OF 1 μs.		X		-	
SHOCK		490 m/s ² DURATION OF PULSE 11 ms AT 3 TIMES FOR 3 DIRECTIONS.				② NO DAMAGE, CRACK OR LOOSENESS OF PARTS.		X		-	
MECHANICAL OPERATION		30 TIMES INSERTIONS AND EXTRACTIONS.				① CONTACT RESISTANCE : 30 mΩ MAX. ② NO DAMAGE, CRACK OR LOOSENESS OF PARTS.		X		-	
ENVIRONMENTAL CHARACTERISTICS											
RAPID CHANGE OF TEMPERATURE		TEMPERATURE -55 → 15~30→+85 → 15~30 °C TIME 30 → 10~15→ 30 →10~15 min UNDER 5CYCLES.				① CONTACT RESISTANCE: 30 mΩ MAX. ② INSULATION RESISTANCE:1000MΩ MIN. ③ NO DAMAGE, CRACK OR LOOSENESS OF PARTS.			X		-
REMARKS											
NOTE1: INCLUDE THE TEMPERATURE RISING BY CURRENT.						DRAWN		DESIGNED		CHECKED	
Unless otherwise specified, refer to MIL-STD-1344.						R. Sasaki		T. Yamamoto		C. Hanami	
						'00.07.05		'00.07.05		'00.7.7	
						APPROVED		K. Katayama		RELEASED	
						'00.07.05		'00.7.7		'00.7.7	
Note QT:Qualification Test AT:Assurance Test X:Applicable Test											
HS HIROSE ELECTRIC CO., LTD.						SPECIFICATION SHEET			PART NO.		
						MDF 6-2022SCF					
CODE NO.(OLD)			DRAWING NO.			CODE NO.			1		
CL			ELC 4-021455			CL 547-0072-6			1/1		