

COUNT	DESCRIPTION OF REVISIONS	BY	CHKD	DATE	COUNT	DESCRIPTION OF REVISIONS	BY	CHKD	DATE
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<b>APPLICABLE STANDARD</b>									
RATING	OPERATING TEMPERATURE RANGE	- 3 0 °C TO 8 5 °C(NOTE1)			STORAGE TEMPERATURE RANGE	- 1 0 °C TO 6 0 °C			
	VOLTAGE	3 0 0 V A C			APPLICABLE CABLE	UL 1007 AWG16 TO AWG22			
	CURRENT	7 A			APPLICABLE CONTACT	M D F 6 - 1 6 1 8 S C F M D F 6 - 2 0 2 2 S C F			
<b>SPECIFICATIONS</b>									
ITEM		TEST METHOD			REQUIREMENTS			QT	AT
<b>CONSTRUCTION</b>									
GENERAL EXAMINATION		VISUALLY AND BY MEASURING INSTRUMENT.			ACCORDING TO DRAWING.			x	x
MARKING		CONFIRMED VISUALLY.						x	x
<b>ELECTRICAL CHARACTERISTICS</b>									
INSULATION RESISTANCE		5 0 0 V D C .			1 0 0 0 M Ω MIN.			x	—
VOLTAGE PROOF		1 5 0 0 V A C FOR 1 min.			NO FLASHOVER OR BREAKDOWN.			x	—
<b>MECHANICAL CHARACTERISTICS</b>									
MECHANICAL OPERATION		30 TIMES INSERTIONS AND EXTRACTIONS.			① CONTACT RESISTANCE: 30 mΩ MAX. ② NO DAMEGE, CRACK AND LOOSENESS, OF PARTS.			x	—
VIBRATION		FREQUENCY 1 0 TO 5 5 Hz, SINGLE AMPLITUDE 0. 7 5 mm, AT 2 h, FOR 3 DIRECTIONS.			① NO ELECTRICAL DISCONTINUITY OF 1 μs. ② NO DAMAGE, CRACK AND LOOSENESS, OF PARTS.			x	—
SHOCK		4 9 0 m/s <sup>2</sup> DURATION OF PULSE 1 1 ms AT 3 TIMES FOR 3 DIRECTIONS.			① NO ELECTRICAL DISCONTINUITY OF 1 μs. ② NO DAMAGE, CRACK AND LOOSENESS, OF PARTS.			x	—
<b>ENVIRONMENTAL CHARACTERISTICS</b>									
DAMP HEAT (STEADY STATE)		EXPOSED AT 4 0 ± 2 °C, 9 0 TO 9 5 %, 9 6 h.			① CONTACT RESISTANCE: 3 0 mΩ MAX. ② INSULATION RESISTANCE: 1 0 0 0 M Ω MIN. ③ NO DAMAGE, CRACK AND LOOSENESS, OF PARTS.			x	—
RAPID CHANGE OF TEMPERATURE		TEMPERATURE: -55→ 5 TO 35→85→ 5 TO 35 °C TIME: 30→10 TO 15→30→10 TO 15 min UNDER 5 CYCLES.			① CONTACT RESISTANCE: 3 0 mΩ MAX. ② INSULATION RESISTANCE: 1 0 0 0 M Ω MIN. ③ NO DAMAGE, CRACK AND LOOSENESS, OF PARTS.			x	—
<b>REMARKS</b>									
NOTE1: INCLUDE THE TEMPERATURE RISING BY CURRENT.					DRAWN	DESIGNED	CHECKED	APPROVED	RELEASED
Unless otherwise specified, refer to MIL-STD-1344.					M. Kurokuchi 03.05.27	S. Omo 03.05.27	T. Miyazaki 03.05.28	T. Miyazaki 03.05.28	
Note QT: Qualification Test AT: Assurance Test x: Applicable Test									
<b>HS</b> HIROSE ELECTRIC CO., LTD.					<b>SPECIFICATION SHEET</b>				
CODE NO.(OLD) CL					PART NO. M D F 6 - * D S - 3. 5 C				
DRAWING NO. E L C 4 - 1 6 2 3 5 6 - 0 1					CODE NO. C L 5 4 7				
					1/1				