

	COUNT	DESCRIPTION OF REVISIONS	BY	CHKD	DATE		COUNT	DESCRIPTION OF REVISIONS	BY	CHKD	DATE
△						△					
△						△					
APPLICABLE STANDARD											
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			
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											
INSULATION RESISTANCE		5 0 0 V D C .				1 0 0 0 M Ω M I N .				x	—
VOLTAGE PROOF		1 5 0 0 V A C F O R 1 m i n .				N O F L A S H O V E R O R B R E A K D O W N .				x	—
MECHANICAL CHARACTERISTICS											
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 H z , S I N G L E A M P L I T U D E 0 . 7 5 m m , A T 2 h , F O R 3 D I R E C T I O N S .				① NO ELECTRICAL DISCONTINUITY OF 1 μs. ② NO DAMAGE, CRACK AND LOOSENESS, OF PARTS.				x	—
SHOCK		4 9 0 m / s ² D U R A T I O N O F P U L S E 1 1 m s A T 3 T I M E S F O R 3 D I R E C T I O N S .				① NO ELECTRICAL DISCONTINUITY OF 1 μs. ② NO DAMAGE, CRACK AND LOOSENESS, OF PARTS.				x	—
ENVIRONMENTAL CHARACTERISTICS											
DAMP HEAT (STEADY STATE)		E X P O S E D A T 4 0 ± 2 ° C , 9 0 T O 9 5 % , 9 6 h .				① CONTACT RESISTANCE: 3 0 m Ω M A X . ② INSULATION RESISTANCE: 1 0 0 0 M Ω M I N . ③ NO DAMAGE, CRACK AND LOOSENESS, OF PARTS.				x	—
RAPID CHANGE OF TEMPERATURE		T E M P E R A T U R E : - 5 5 → 5 T O 3 5 → 8 5 → 5 T O 3 5 ° C T I M E : 3 0 → 1 0 T O 1 5 → 3 0 → 1 0 T O 1 5 m i n U N D E R 5 C Y C L E S .				① CONTACT RESISTANCE: 3 0 m Ω M A X . ② INSULATION RESISTANCE: 1 0 0 0 M Ω M I N . ③ NO DAMAGE, CRACK AND LOOSENESS, OF PARTS.				x	—
REMARKS						DRAWN	DESIGNED	CHECKED	APPROVED	RELEASED	
NOTE1: INCLUDE THE TEMPERATURE RISING BY CURRENT.						<i>M. Kurokuchi</i>	<i>S. Omo</i>	<i>T. Miyazaki</i>	<i>T. Miyazaki</i>		
Unless otherwise specified, refer to MIL-STD-1344.						03.05.27	03.05.27	03.05.28	03.05.28		
Note QT: Qualification Test AT: Assurance Test x: Applicable Test											
HS HIROSE ELECTRIC CO., LTD.						SPECIFICATION SHEET			PART NO. M D F 6 - * D S - 3 . 5 C		
CODE NO.(OLD)		DRAWING NO.		CODE NO.						1 1	
CL		E L C 4 - 1 6 2 3 5 6 - 0 1				C L 5 4 7					