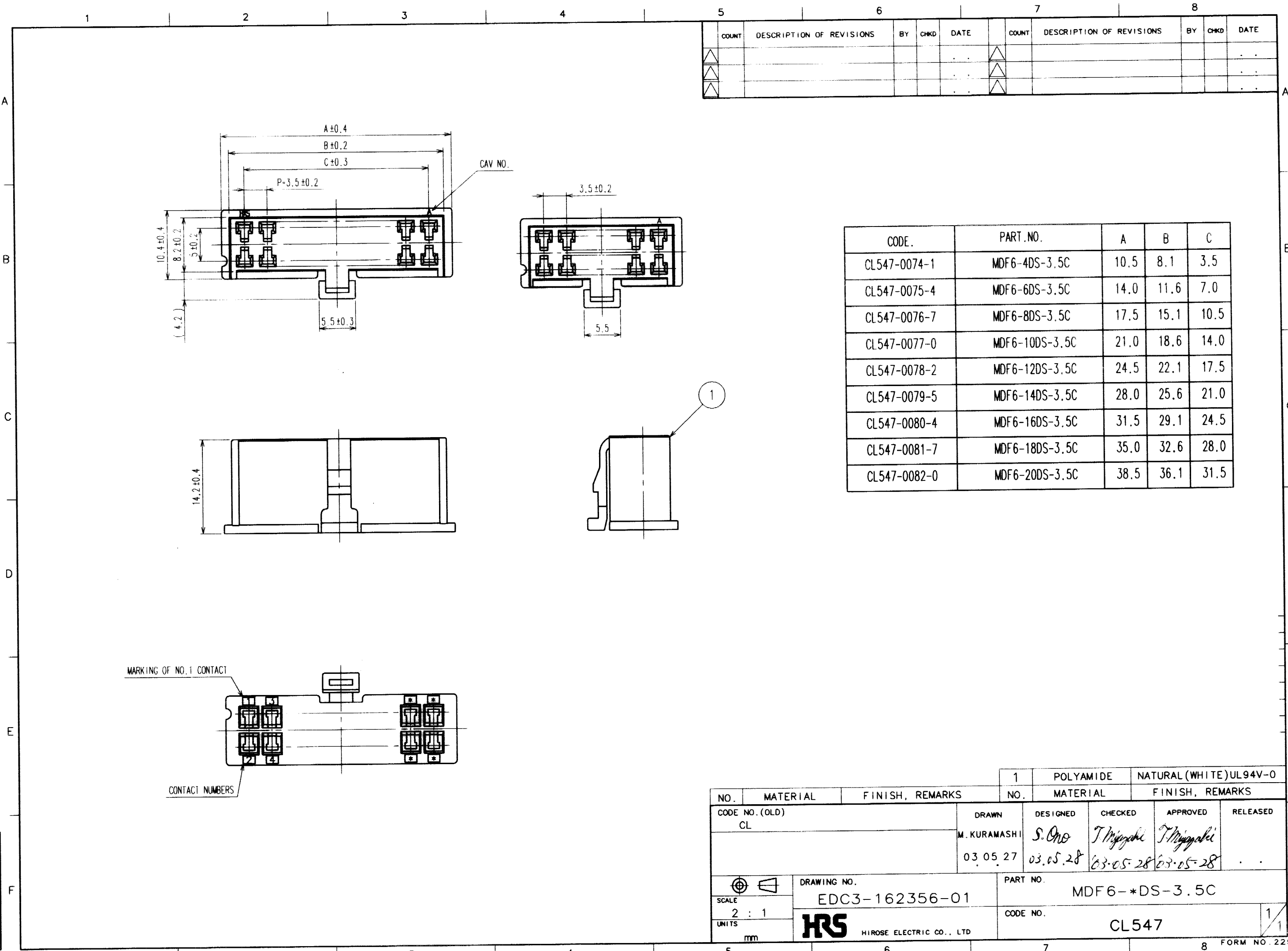


COUNT	DESCRIPTION OF REVISIONS	BY	CHKD	DATE	COUNT	DESCRIPTION OF REVISIONS	BY	CHKD	DATE
△					△				
△					△				
APPLICABLE STANDARD									
RATING	OPERATING TEMPERATURE RANGE	- 3 0 °C TO 8 5 °C (NOTE1)			STORAGE TEMPERATURE RANGE	- 1 0 °C TO 6 0 °C			
	VOLTAGE	3 0 0 V A C			APPLICABLE CABLE	UL 1007 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 MIN.			X	—
VOLTAGE PROOF		1 5 0 0 V A C FOR 1 min.			NO FLASHOVER OR BREAKDOWN.			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 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 ² 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	—
ENVIRONMENTAL CHARACTERISTICS									
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	—
REMARKS					DRAWN	DESIGNED	CHECKED	APPROVED	RELEASED
NOTE1: INCLUDE THE TEMPERATURE RISING BY CURRENT.					M. Kurokuchi	S. Ono	T. Miyazaki	T. Miyazaki	
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									
HRS HIROSE ELECTRIC CO., LTD.					SPECIFICATION SHEET				
CODE NO. (OLD)					PART NO.				
CL					M D F 6 - * D S - 3. 5 C				
DRAWING NO.					CODE NO.				
E L C 4 - 1 6 2 3 5 6 - 0 1					C L 5 4 7				
					1/1				

TO



5					6					7					8				
COUNT	DESCRIPTION OF REVISIONS				BY	CHKD	DATE			COUNT	DESCRIPTION OF REVISIONS				BY	CHKD	DATE		
△										△									
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CODE.	PART. NO.	A	B	C
CL547-0074-1	MDF6-4DS-3.5C	10.5	8.1	3.5
CL547-0075-4	MDF6-6DS-3.5C	14.0	11.6	7.0
CL547-0076-7	MDF6-8DS-3.5C	17.5	15.1	10.5
CL547-0077-0	MDF6-10DS-3.5C	21.0	18.6	14.0
CL547-0078-2	MDF6-12DS-3.5C	24.5	22.1	17.5
CL547-0079-5	MDF6-14DS-3.5C	28.0	25.6	21.0
CL547-0080-4	MDF6-16DS-3.5C	31.5	29.1	24.5
CL547-0081-7	MDF6-18DS-3.5C	35.0	32.6	28.0
CL547-0082-0	MDF6-20DS-3.5C	38.5	36.1	31.5

NO.		MATERIAL	FINISH, REMARKS		1	POLYAMIDE	NATURAL (WHITE) UL94V-0			
CODE NO. (OLD)		CL	DRAWN		DESIGNED	CHECKED	APPROVED	RELEASED		
			M. KURAMASHI		S. Ono	T. Miyazaki	T. Miyazaki			
			03.05.27		03.05.28	03.05.28	03.05.28			
DRAWING NO.		EDC3-162356-01			PART NO.					
					MDF6-*DS-3.5C					
SCALE		2 : 1			CODE NO.					
UNITS		mm			CL547					
HRS		HIROSE ELECTRIC CO., LTD			1/1					