

COUNT	DESCRIPTION OF REVISIONS	BY	CHKD	DATE	COUNT	DESCRIPTION OF REVISIONS	BY	CHKD	DATE		
△ 1	DIS-H-05416(03302)	S.O	T.M	03.02.17	△						
△					△						
APPLICABLE STANDARD											
RATING	OPERATING TEMPERATURE RANGE	-35 °C TO +85 °C(NOTE 1)			STORAGE TEMPERATURE RANGE	-10 °C TO +60 °C					
	VOLTAGE	100 V AC			APPLICABLE CONTACT	—					
	CURRENT	AWG28:1 A, AWG30:0.9 A			APPLICABLE CONNECTOR	DF19*-20P-1H					
		△ AWG32:0.8 A			APPLICABLE CABLE	OUTER DIAMETER: φ 0.5 TO 0.6 mm					
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		100 V DC.			500 MΩ MIN.			X —			
VOLTAGE PROOF		300 V AC FOR 1 min.			NO FLASHOVER OR BREAKDOWN.			X —			
MECHANICAL CHARACTERISTICS											
VIBRATION		FREQUENCY 10 TO 55 Hz, SINGLE AMPLITUDE 0.75 mm, AT 2 h FOR 3 DIRECTIONS.			① NO ELECTRICAL DISCONTINUITY OF 1 μs. ② NO DAMAGE, CRACK OR LOOSENESS OF PARTS.			X —			
SHOCK		490 m/s ² DURATION OF PULSE 11 ms AT 3 TIMES FOR 3 DIRECTIONS.						X —			
ENVIRONMENTAL CHARACTERISTICS											
RAPID CHANGE OF TEMPERATURE		TEMPERATURE -55 → 5 TO 35 → +85 → 5 TO 35 °C TIME 30 → 2 TO 3 → 30 → 2 TO 3 min UNDER 5 CYCLES.			① CONTACT RESISTANCE: 30 mΩ MAX. ② INSULATION RESISTANCE: 500 MΩ MIN. ③ NO DAMAGE, CRACK OR LOOSENESS OF PARTS.			X —			
DAMP HEAT (STEADY STATE)		EXPOSED AT 40 ± 2 °C, 90 TO 95 %, 96 h.						X —			
REMARKS											
NOTE 1: INCLUDE THE TEMPERATURE RISING BY CURRENT.				DRAWN I.Tsao 98.08.04		DESIGNED I.Tsao 98.08.04		CHECKED M.Nakamura 98.09.17		APPROVED K.Katayose 98.09.17	
Unless otherwise specified, refer to JIS-C-5024.											
Note QT:Qualification Test AT:Assurance Test X:Applicable Test											
HRS HIROSE ELECTRIC CO., LTD.				SPECIFICATION SHEET				PART NO. DF19-20S-1C			
CODE NO.(OLD) CL			DRAWING NO. ELC4-162512			PART NO. CL 685-0011-6			1 1		