

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 CONNECTOR	DF19#-8P-1H(**)	
	CURRENT	AWG28: 1A AWG30: 0.9A AWG32: 0.8A	APPLICABLE CABLE	OUTER DIAMETER: 0.6 mm MAX	
SPECIFICATIONS					
ITEM		TEST METHOD	REQUIREMENTS	QT	AT
CONSTRUCTION					
GENERAL EXAMINATION		VISUALLY AND BY MEASURING INSTRUMENT.	ACCORDING TO DRAWING.	×	×
MARKING		CONFIRMED VISUALLY.		×	×
ELECTRIC CHARACTERISTICS					
INSULATION RESISTANCE		100 V DC.	500 MΩ MIN.	×	—
VOLTAGE PROOF		300 V AC FOR 1 min.	NO FLASHOVER OR BREAKDOWN.	×	—
MECHANICAL CHARACTERISTICS					
VIBRATION		FREQUENCY 10 TO 55 Hz, SINGLE AMPLITUDE 0.75 mm, AT 2 h, FOR 3 DIRECTIONS.	NO DAMAGE, CRACK OR LOOSENESS OF PARTS.	×	—
SHOCK		490 m/s ² DURATION OF PULSE 11 ms AT 3 TIMES FOR 3 DIRECTIONS.	NO DAMAGE, CRACK OR LOOSENESS OF PARTS.	×	—
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.	①INSULATION RESISTANCE: 500 MΩ MIN. ②NO DAMAGE, CRACK OR LOOSENESS OF PARTS.	×	—
DAMP HEAT (STEADY STATE)		EXPOSED AT 40 ± 2 °C, 90 TO 95 %, 96 h.		×	—
	COUNT	DESCRIPTION OF REVISIONS	DESIGNED	CHECKED	DATE
△					
REMARKS			APPROVED	TS. SAKATA	08.12.25
NOTE1: INCLUDE THE TEMPERATURE RISING BY CURRENT.			CHECKED	TS. KUMAZAWA	08.12.25
Unless otherwise specified, refer to JIS C 5402.			DESIGNED	SN. KOBAYASHI	08.12.16
			DRAWN	SN. KOBAYASHI	08.12.16
Note QT:Qualification Test AT:Assurance Test X:Applicable Test			DRAWING NO.		ELC4-162857-01
HRS	SPECIFICATION SHEET		PART NO.	DF19G-8S-1C (05)	
	HIROSE ELECTRIC CO., LTD.		CODE NO.	CL685-0022-2-05	△ 1/1