

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#-*P-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 <sup>2</sup> 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.	① INSULATION RESISTANCE: 500 MΩ MIN. ② NO 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
	1	DIS-H-007469	YK. YAMAGUCHI	TS. KUMAZAWA	13. 04. 02
REMARKS NOTE1: INCLUDE THE TEMPERATURE RISING BY CURRENT.  Unless otherwise specified, refer to JIS C 5402.			APPROVED	KJ. KATAYOSE	05. 01. 05
			CHECKED	TY. OMA	05. 01. 05
			DESIGNED	SZ. ONO	05. 01. 05
			DRAWN	SZ. ONO	05. 01. 05
Note QT: Qualification Test AT: Assurance Test X: Applicable Test			DRAWING NO.		ELC4-162779-01
	SPECIFICATION SHEET		PART NO.	DF19G-*S-1C (05)	
	HIROSE ELECTRIC CO., LTD.		CODE NO.	CL685-	 1/1