

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 (56)
	CURRENT	0.5 A		

SPECIFICATIONS

ITEM	TEST METHOD	REQUIREMENTS	QT	AT
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CONSTRUCTION

GENERAL EXAMINATION	VISUALLY AND BY MEASURING INSTRUMENT.	ACCORDING TO DRAWING.	<input type="radio"/>	<input type="radio"/>
MARKING	CONFIRMED VISUALLY.		<input type="radio"/>	<input type="radio"/>

ELECTRIC CHARACTERISTICS

CONTACT RESISTANCE	100 m A (DC OR 1000 Hz).	50 mΩ MAX.	<input type="radio"/>	-
INSULATION RESISTANCE	100 V DC.	500 MΩ MIN.	<input type="radio"/>	-
VOLTAGE PROOF	300 V AC FOR 1 min.	NO FLASHOVER OR BREAKDOWN.	<input type="radio"/>	-

MECHANICAL CHARACTERISTICS

MECHANICAL OPERATION	30 TIMES INSERTIONS AND EXTRACTIONS.	① CONTACT RESISTANCE: 50 mΩ MAX. ② NO DAMAGE, CRACK OR LOOSENESS OF PARTS.	<input type="radio"/>	-
VIBRATION	FREQUENCY 10 TO 55 Hz, SINGLE AMPLITUDE 0.75 mm, AT 2 h, FOR 3 DIRECTIONS.		<input type="radio"/>	-
SHOCK	490 m/s ² DURATION OF PULSE 11 ms AT 3 TIMES FOR 3 DIRECTIONS.		<input type="radio"/>	-

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: 50 mΩ MAX. ② INSULATION RESISTANCE: 500 MΩ MIN. ③ NO DAMAGE, CRACK OR LOOSENESS OF PARTS.	<input type="radio"/>	-
DAMP HEAT (STEADY STATE)	EXPOSED AT 40 ± 2 °C, 90 TO 95 %, 96 h.		<input type="radio"/>	-

COUNT	DESCRIPTION OF REVISIONS	DESIGNED	CHECKED	DATE

REMARKS NOTE1: INCLUDE THE TEMPERATURE RISING BY CURRENT. Unless otherwise specified, refer to JIS C 5402.	APPROVED	TY. OMA	06.02.09
	CHECKED	HK. UMEHARA	06.02.09
	DESIGNED	IO. DENPOUYA	06.01.28
	DRAWN	AH. MIYAZAKI	06.01.28

Note QT:Qualification Test AT:Assurance Test X:Applicable Test	DRAWING NO.	ELC4-311699-01
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	SPECIFICATION SHEET	PART NO.	DF19G-*S-1F (05)
	HIROSE ELECTRIC CO., LTD.	CODE NO.	CL685- 1/