

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#-30P-1H (56)
	CURRENT	0.5 A	


### SPECIFICATIONS

ITEM	TEST METHOD	REQUIREMENTS	QT	AT
<b>CONSTRUCTION</b>				
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"/>
<b>ELECTRIC CHARACTERISTICS</b>				
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"/>	-
<b>MECHANICAL CHARACTERISTICS</b>				
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.	① NO ELECTRICAL DISCONTINUITY OF 1 μs. ② NO DAMAGE, CRACK OR LOOSENESS OF PARTS.	<input type="radio"/>	-
SHOCK	490 m/s <sup>2</sup> DURATION OF PULSE 11 ms AT 3 TIMES FOR 3 DIRECTIONS.		<input type="radio"/>	-
<b>ENVIRONMENTAL CHARACTERISTICS</b>				
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: 50mΩ 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
<input type="checkbox"/>				

REMARKS NOTE1: INCLUDE THE TEMPERATURE RISING BY CURRENT.  Unless otherwise specified, refer to JIS C 5402.	APPROVED	TY. OMA	06.03.16
	CHECKED	HK. UMEHARA	06.03.16
	DESIGNED	IO. DENPOUYA	06.03.16
	DRAWN	AK. MIURA	06.03.14

Note QT:Qualification Test AT:Assurance Test X:Applicable Test      DRAWING NO.      **ELC4-163241-03**

	SPECIFICATION SHEET	PART NO.	DF19G-30S-1F (05)	
	HIROSE ELECTRIC CO., LTD.	CODE NO.	CL685-0033-9-05	<input type="checkbox"/> 1/1