

In case of consideration for using Automotive equipment / device which demand high reliability, kindly contact our sales window correspondents.

APPLICABLE STANDARD		TEST METHOD		REQUIREMENTS		QT	AT
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					
<b>SPECIFICATIONS</b>							
ITEM	TEST METHOD		REQUIREMENTS				
<b>CONSTRUCTION</b>		GENERAL EXAMINATION		VISUALLY AND BY MEASURING INSTRUMENT.		ACCORDING TO DRAWING.	
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.		<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.		① NO ELECTRICAL DISCONTINUITY OF 1 μs. ② NO DAMAGE, CRACK OR LOOSENESS OF PARTS.		<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.		<input type="radio"/>	-
DAMP HEAT (STEADY STATE)		EXPOSED AT 40 ± 2 °C, 90 TO 95 %, 96 h.		① CONTACT RESISTANCE: 50mΩ MAX. ② INSULATION RESISTANCE: 500 MΩ MIN. ③ NO DAMAGE, CRACK OR LOOSENESS OF PARTS.		<input type="radio"/>	-
COUNT	DESCRIPTION OF REVISIONS	DESIGNED	CHECKED	DATE			
REMARKS		APPROVED	TY. OMA	06.03.16			
NOTE1: INCLUDE THE TEMPERATURE RISING BY CURRENT.		CHECKED	HK. UMEHARA	06.03.16			
Unless otherwise specified, refer to JIS C 5402.		DESIGNED	IO. DENPOUYA	06.03.16			
Note QT:Qualification Test AT:Assurance Test X:Applicable Test		DRAWING NO.	AK. MUIRA	06.03.14			
		DRAWING NO.	ELC4-163241-03				
<b>HRS</b>		SPECIFICATION SHEET		PART NO.	DF19G-30S-1F (05)		
		HIROSE ELECTRIC CO., LTD.		CODE NO.	CL685-0033-9-05		
						<input type="radio"/>	1/1