

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

APPLICABLE STANDARD		SPECIFICATIONS	
RATING	OPERATING TEMPERATURE RANGE	-40 °C TO +85 °C(NOTE1) <input checked="" type="checkbox"/>	STORAGE TEMPERATURE RANGE
	OPERATING TEMPERATURE RANGE	40 % TO 80 %	STORAGE TEMPERATURE RANGE
	VOLTAGE	250 V AC	CURRENT
		2A	
ITEM TEST METHOD REQUIREMENTS			
CONSTRUCTION		REQUIREMENTS	
GENERAL EXAMINATION		VISUALLY AND BY MEASURING INSTRUMENT.	
MARKING		CONFIRMED VISUALLY.	
ELECTRIC CHARACTERISTICS			
CONTACT RESISTANCE		100 mA (DC OR 1000 Hz).	
INSULATION RESISTANCE		500 V DC.	
VOLTAGE PROOF		650 V AC FOR 1 min.	
MECHANICAL CHARACTERISTICS			
MECHANICAL OPERATION		50 TIMES INSERTIONS AND EXTRACTIONS.	
VIBRATION		FREQUENCY 10 TO 55 Hz, SINGLE AMPLITUDE 0.75 mm, AT 2 h, FOR 3 DIRECTIONS.	
SHOCK		490 m/s ² DURATION OF PULSE 11 ms AT 3 TIMES FOR 3 DIRECTIONS.	
ENVIRONMENTAL CHARACTERISTICS			
DAMP HEAT (STEADY STATE)		EXPOSED AT 40±2 °C, 90 TO 95 %, 96 h.	
RAPID CHANGE OF TEMPERATURE		TEMPERATURE -55 →5 TO 35→85 →5 TO 35 °C TIME 30 →5 TO 15 →30 →5 TO 15 min UNDER 5 CYCLES.	
RESISTANCE TO SOLDERING HEAT		1)AUTOMATIC SOLDERING (FLOW) SOLDER TEMPERATURE : 260±3°C FOR IMMERSION,DURATION : 10 sec. 2)MANUAL SOLDERING SOLDERING IRON TEMPERATURE : 290±10°C SOLDERING TIME : 2 sec. NO STRENGTH ON CONTACT.	
SOLDERABILITY		SOLDERED AT SOLDER TEMPERATURE,240°C FOR IMMERSION DURATION,3 sec.	
REMARKS			
NOTE1:INCLUDE THE TEMPERATURE RISING BY CURRENT. NOTE2:APPLY TO THE CONDITION OF LONG TERM STORAGE FOR UNUSED PRODUCTS BEFORE PCB ON BOARD, AFTER PCB BOARD,OPERATING TEMPERATURE AND HUMIDITY RANGE IS APPLIED FOR INTERIM STORAGE DURING TRANSPORTATION.			
COUNT	DESCRIPTION OF REVISIONS	DESIGNED	CHECKED
1	DIS-H-008540	MI. SAKIMURA	HK. UMEHARA
Unless otherwise specified, refer to IEC 60512.			
		APPROVED	DATE
		CHECKED	06.07.26
		DESIGNED	06.07.25
		DRAWN	06.07.25
		AK. MIURA	06.07.24
Note QT:Qualification Test AT:Assurance Test X:Applicable Test		DRAWING NO. ELG4-162390-03	
HRS		SPECIFICATION SHEET	
HIROSE ELECTRIC CO., LTD.		PART NO.	DF11-*DP-2DS (52)
		CODE NO.	CL543
		<input checked="" type="checkbox"/> 1/1	