



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

APPLICABLE STANDARD		STORAGE TEMPERATURE RANGE		-10°C T ₀ + 60°C (NOTE 2)	
RATING	OPERATING TEMPERATURE RANGE	-40°C T ₀ + 85°C (NOTE 1) 		40% T ₀ 70% (NOTE 2)	
	OPERATING HUMIDITY RANGE	40% T ₀ 80% (NOTE 3)		40% T ₀ 70% (NOTE 2)	
	VOLTAGE	AC 250V	UL - CSA	VOL TAGE	AC 30V
CURRENT	2A	RATING	CURRENT	2A	
SPECIFICATIONS					
ITEM	TEST METHOD	REQUIREMENTS		QT	AT
CONSTRUCTION		GENERAL EXAMINATION		VISUALLY AND BY MEASURING INSTRUMENT.	
MARKING		CONFIRMED VISUALLY.		ACCORDING TO DRAWING.	
ELECTRIC CHARACTERISTICS		CONTACT RESISTANCE		100mA (DC OR 1000 Hz).	
INSULATION RESISTANCE		500V DC.		30mΩ MAX.	
VOLTAGE PROOF		650V AC FOR 1 min.		1000MΩ MIN.	
MECHANICAL CHARACTERISTICS		MECHANICAL OPERATION		30TIMES INSERTIONS AND EXTRACTIONS.	
VIBRATION		FREQUENCY 10 TO 55 Hz, SINGLE AMPLITUDE 0.75 mm, AT 2 h, FOR 3 DIRECTIONS.		① CONTACT RESISTANCE: 30mΩ MAX. ② NO DAMAGE, CRACK OR LOOSENESS OF PARTS.	
SHOCK		490 m/s ² DURATION OF PULSE 11 ms AT 3 TIMES FOR 3 DIRECTIONS.		① NO ELECTRICAL DISCONTINUITY OF 1μs. ② NO DAMAGE, CRACK OR LOOSENESS OF PARTS.	
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 → 5MAX → 30 → 5MAX min UNDER 5 CYCLES.		① CONTACT RESISTANCE: 30mΩ MAX. ② INSULATION RESISTANCE: 1000MΩ MIN. ③ NO DAMAGE, CRACK OR LOOSENESS OF PARTS.	
RESISTANCE TO SOLDERING HEAT		1)AUTOMATIC SOLDERING (FLOW) SOLDER TEMPERATURE : 260°C FOR IMMERSION,DURATION , 10 sec . 2)MANUAL SOLDERING SOLDERING IRON TEMPERATURE : 300°C SOLDERING TIME : 2 sec. NO STRENGTH ON CONTACT.		NO DEFORMATION OF CASE OF EXCESSIVE LOOSENESS OF THE TERMINALS.	
SOLDERABILITY		SOLDERED AT SOLDER TEMPERATURE, 230°C FOR INSERTION DURATION, 3sec.		SOLDER SHALL COVER A MINIMUM OF 95 % OF THE SURFACE BEING IMMERSSED.	
COUNT	DESCRIPTION OF REVISIONS	DESIGNED	CHECKED	DATE	
	DIS-H-008540	MI.SAKIMURA	HK.UMEHARA	14.02.26	
REMARKS					
NOTE 1:INCLUDING THE TEMPERATURE RISE BY CURRENT AFTER PCB BOARD.					
NOTE2:APPLY TO THE CONDITION OF LONG TERM STORAGE FOR UNUSED PRODUCTS BEFORE PCB ON BOARD.					
OPERATING TEMPERATURE AND HUMIDITY RANGE IS APPLIED FOR INTERIM STORAGE DURING TRANSPORTATION.					
NOTE3:NON-CONDENSING.					
Unless otherwise specified , refer to IEC 60512.					
Note		QT:Qualification Test		AT:Assurance Test	
X:Applicable Test		DRAWING NO.		ELC4-084779-01	
HRS		SPECIFICATION SHEET		PART NO.	
HIROSE ELECTRIC CO., LTD.		CODE NO.		DF11-**-DP-2DS (24)	
		CL543		