











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

APPLICABLE STANDARD		OPERATING TEMPERATURE RANGE		STORAGE TEMPERATURE RANGE	
		-40°C T0 + 85°C (NOTE 1) 		-10°C T0 + 60°C	
RATING		OPERATING TEMPERATURE RANGE		STORAGE TEMPERATURE RANGE	
		40% TO 80% (NOTE2) 		40% TO 70% (NOTE3) 	
OPERATING HUMIDITY RANGE				APPLICABLE CONTACT	
VOLTAGE		250V AC	UL.CSA RATING	30V AC	DF11-EP2428PC (F) DF11-EP2428PC (F)A
CURRENT		2 A		2 A	
APPLICABLE CONNECTOR		DF11-*DS-2C		APPLICABLE CABLE	UL 1061, 1007 AWG24 TO 28
SPECIFICATIONS					
ITEM	TEST METHOD	REQUIREMENTS			
CONSTRUCTION					
GENERAL EXAMINATION		VISUALLY AND BY MEASURING INSTRUMENT.		ACCORDING TO DRAWING.	
MARKING		CONFIRMED VISUALLY.			
ELECTRIC CHARACTERISTICS					
INSULATION RESISTANCE		500 V DC.		1000 MΩ MIN.	
VOLTAGE PROOF		650 V AC FOR 1 min.		NO FLASHOVER OR BREAKDOWN.	
MECHANICAL CHARACTERISTICS					
MECHANICAL OPERATION		30 TIMES INSERTIONS AND EXTRACTIONS.		NO DAMAGE, CRACK OR LOOSENESS OF PARTS.	
VIBRATION		 FREQUENCY 10 TO 55 Hz, SINGLE AMPLITUDE 0.75 mm, AT 2 h, FOR 3 DIRECTIONS.		NO DAMAGE, CRACK OR LOOSENESS OF PARTS.	
SHOCK		 490 m/s ² DURATION OF PULSE 11 ms AT 3 TIMES FOR 3 DIRECTIONS.		NO DAMAGE, CRACK OR LOOSENESS OF PARTS.	
ENVIRONMENTAL CHARACTERISTICS					
RAPID CHANGE OF TEMPERATURE		TEMPERATURE -55 → 5 TO 35 → +85 → 5 TO 35 °C TIME 30 → 5 MAX → 30 → 5 MAX min UNDER 5 CYCLES.		① INSULATION RESISTANCE: 1000MΩ MIN. ② NO DAMAGE, CRACK OR LOOSENESS OF PARTS.	
DAMP HEAT (STEADY STATE)		EXPOSED AT 40 ± 2 °C, 90 TO 95 %, 96 h.		① INSULATION RESISTANCE: 1000MΩ MIN. ② NO DAMAGE, CRACK OR LOOSENESS OF PARTS.	
REMARKS					
NOTE 1: INCLUDING THE TEMPERATURE RISE BY CURRENT.					
NOTE 2:NO CONDENSING. 					
NOTE 3:APPLY TO THE CONDITION OF LONG TERM STORAGE FOR UNUSED PRODUCTSBEFORE PCB ON BOARD.AFTER PCB BOARD, OPERATING TEMPERATURE AND HUMIDITY RANGE IS APPLIED FOR INTERIM STORAGE DURING TRANSPORTATION. 					
COUNT	DESCRIPTION OF REVISIONS	DESIGNED	CHECKED	DATE	
 13	DIS-H-008583	M. SAKIMURA	HK. UMEHARA	14.03.25	
REMARKS					
NOTE 1:INCLUDING THE TEMPERATURE RISE BY CURRENT.					
Unless otherwise specified , refer to IEC 60512.					
Note QT:Qualification Test AT:Assurance Test X:Applicable Test		DRAWING NO.		ELC4-081880-01	
HRS		SPECIFICATION SHEET		PART NO.	
		HIROSE ELECTRIC CO., LTD.		CODE NO.	
		CL543		DF11-*DEP-2C	
				 1/1	