

APPLICABLE STANDARD					
RATING	OPERATING TEMPERATURE RANGE	-40°C TO +85°C (NOTE 1) 	STORAGE TEMPERATURE RANGE	-10°C TO + 60°C (NOTE 2)	
	OPERATING HUMIDITY RANGE 	40% TO + 80%	STORAGE HUMIDITY RANGE 	40% TO + 70% (NOTE 2)	
	VOLTAGE	250V AC	APPLICABLE SOCKET	DF11-*DS-2C	
	CURRENT	AWG30 : 0.5A	APPLICABLE CABLE	AWG30	
SPECIFICATIONS					
ITEM	TEST METHOD		REQUIREMENTS	QT	AT
CONSTRUCTION					
GENERAL EXAMINATION	VISUALLY AND BY MEASURING INSTRUMENT.		ACCORDING TO DRAWING.	X	X
MARKING	CONFIRMED VISUALLY.			X	X
ELECTRIC CHARACTERISTICS					
CONTACT RESISTANCE	100 mA (DC OR 1000 Hz).		30 mΩ MAX.	X	—
MECHANICAL CHARACTERISTICS					
CONTACT INSERTION AND EXTRACTION FORCES	□0.5±0.002 BY STEEL GAUGE.		INSERTION FORCE 4.4 N MAX. EXTRACTION FORCE 0.3 N MIN.	X	—
MECHANICAL OPERATION	30 TIMES INSERTIONS AND EXTRACTIONS.		① CONTACT RESISTANCE: 30mΩ MAX. ② NO DAMAGE, CRACK OR LOOSENESS OF PARTS.		
VIBRATION	FREQUENCY 10 TO 55 Hz, SINGLE AMPLITUDE 0.75 mm, AT 2 h, FOR 3 DIRECTIONS.		① NO ELECTRICAL DISCONTINUITY OF 1μs. ② NO DAMAGE, CRACK OR LOOSENESS OF PARTS.	X	—
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.	X	—
ENVIRONMENTAL CHARACTERISTICS					
RAPID CHANGE OF TEMPERATURE	TEMPERATURE -55→ 5 TO 35→+85→ 5 TO 35 °C TIME 30→5 TO 15→ 30→10 TO 15 min UNDER 5 CYCLES.		① CONTACT RESISTANCE: 30mΩ MAX. ② NO DAMAGE, CRACK OR LOOSENESS OF PARTS.	X	—
DAMP HEAT (STEADY STATE)	EXPOSED AT 40 ± 2 °C, 90 TO 95 %, 96 h.		① CONTACT RESISTANCE: 30mΩ MAX. ② NO DAMAGE, CRACK OR LOOSENESS OF PARTS.	X	—
REMARKS					
NOTE 1:INCLUDING THE TEMPERATURE RISE BY CURRENT NOTE 2: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	DATE
	4	DIS-H-008703	MI. SAKIMURA	TS. KUMAZAWA	14. 04. 24
Unless otherwise specifid , refer to IEC 60512.			APPROVED	KJ. KATAYOSE	05. 01. 05
			CHECKED	TY. OMA	05. 01. 05
			DESIGNED	IO. DENPOUYA	05. 01. 05
			DRAWN	IO. DENPOUYA	05. 01. 05
Note QT:Qualification Test AT:Assurance Test X:Applicable Test			DRAWING NO.	ELC4-081090-00	
	SPECIFICATION SHEET		PART NO.	DF11-30SCF	
	HIROSE ELECTRIC CO., LTD.		CODE NO.	CL543-0605-0-00	 1/1