

APPLICABLE STANDARD						
RATING	OPERATING TEMPERATURE RANGE	-30 °C TO +85 °C(NOTE1)	STORAGE TEMPERATURE RANGE	-10°C TO +60 °C(NOTE2)		
	VOLTAGE	100 V AC	UL・CSA RATING	30V AC		
	CURRENT	1 A		1 A		
	APPLICABLE CABLE	UL1061 AWG26				
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	-
INSULATION RESISTANCE		500 V DC.	1000 MΩ MIN.		X	-
VOLTAGE PROOF		650 V AC FOR 1 min.	NO FLASHOVER OR BREAKDOWN.		X	-
MECHANICAL CHARACTERISTICS						
CONTACT INSERTION AND EXTRACTION FORCES		□0.5±0.002mm 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: 30 mΩ MAX. ② NO DAMAGE, CRACK OR LOOSENESS OF PARTS.		X	-
VIBRATION		FREQUENCY 10 TO 55 Hz, SINGLE AMPLITUDE 0.75 mm, AT 2 h, FOR 3 DIRECTIONS.	① NO ELECTRICAL DISCONTINUITY OF 10μs. ② NO DAMAGE, CRACK OR LOOSENESS OF PARTS.		X	-
SHOCK		490 m/s <sup>2</sup> DURATION OF PULSE 11 ms AT 3 TIMES FOR 3 DIRECTIONS.			X	-
ENVIRONMENTAL CHARACTERISTICS						
DAMP HEAT (STEADY STATE)		EXPOSED AT 40 ± 2 °C, 90 TO 95 %, 96 h.	① CONTACT RESISTANCE: 30 mΩ MAX. ② INSULATION RESISTANCE: 500 MΩ MIN. ③ NO DAMAGE, CRACK OR LOOSENESS OF PARTS.		X	-
RAPID CHANGE OF TEMPERATURE		TEMPERATURE -55±3→5TO35→+85±2→5TO35 °C TIME 30 → 5 → 30 → 5 min UNDER 5 CYCLES.	① CONTACT RESISTANCE: 30 mΩ MAX. ② NO DAMAGE, CRACK OR LOOSENESS OF PARTS.		X	-
REMARKS						
NOTE1: INCLUDING THE TEMPERATURE RISE BY CURRENT.						
NOTE2: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.						
Unless otherwise specified, refer to JIS C 5402.						
△	COUNT	DESCRIPTION OF REVISIONS	DESIGNED	CHECKED	DATE	
			APPROVED	TY.OMA	05.10.11	
			CHECKED	HK.UMEHARA	05.10.07	
			DESIGNED	IO.DENPOUYA	05.10.07	
			DRAWN	FK.MATSUKI	05.09.29	
Note QT:Qualification Test AT:Assurance Test X:Applicable Test			DRAWING NO.		ELC4-084864-01	
HRS	SPECIFICATION SHEET		PART NO.	DF11-12DS-2R26 (05)		
	HIROSE ELECTRIC CO., LTD.		CODE NO.	CL543-0656-1-05	△	1/1