





APPLICABLE STANDARD						
RATING	OPERATING TEMPERATURE RANGE	-35 °C TO +85°C (NOTE1)	STORAGE TEMPERATURE RANGE	-10 °C TO +60°C (NOTE3)		
	OPERATING HUMIDITY RANGE	20% TO 80% (NOTE2)	STORAGE HUMIDITY RANGE	40% TO 70% (NOTE3)		
	VOLTAGE	350 V AC/DC	APPLICABLE CONTACT	DF61-2S-2.2C		
	CURRENT	 AWG26 : 3.2 A	APPLICABLE CABLE	AWG26 TO AWG 30		
			INSULATION DIAMETER	φ0.7~1.3 mm		
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		20 mV MAX, 1 mA(DC OR 1000 Hz).		10 mΩMAX.	X	—
MECHANICAL CHARACTERISTICS						
CONTACT INSERTION AND EXTRACTION FORCES		T=0.2±0.002 mm BY STEEL GAUGE.		INSERTION FORCE 5 N MAX. EXTRACTION FORCE 0.1 N MIN.	X	—
MECHANICAL OPERATION		30 TIMES INSERTION AND EXTRACTION.		① CONTACT RESISTANCE: 20 mΩ MAX. ② NO DAMAGE, CRACK OR LOOSENESS OF PARTS.	X	—
VIBRATION		FREQUENCY 10 TO 55 Hz, SINGLE AMPLITUDE 0.75 mm, AT 10 CYCLES FOR 3 DIRECTION.		① NO ELECTRICAL DISCONTINUITY OF 1 μ s. 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.			X	—
CRIMP TENSILE STRENGTH				#AWG26 : 18 N MIN. 	X	—
ENVIRONMENTAL CHARACTERISTICS						
DAMP HEAT(STEADY STATE)		EXPOSED AT 40 ± 2°C , 90 TO 95 %, 96 h. (AFTER LEAVING THE ROOM TEMPERATURE FOR 1~2h.)		① CONTACT RESISTANCE: 20 mΩ MAX. ② NO DAMAGE, CRACK OR LOOSENESS OF PARTS.	X	—
RAPID CHANGE OF TEMPERATURE		TEMPERATURE -55°C→ +85°C TIME 30min→ 30min UNDER 5 CYCLES. (AFTER LEAVING THE ROOM TEMPERATURE FOR 1~2h.)			X	—
NOTE 1: INCLUDE THE TEMPERATURE RISING BY CURRENT. NOTE2:NO CONDENSING NOTE3:APPLY TO THE CONDITION OF LONG TERM STORAGE FOR UNUSED PRODUCTS BEFOR PCB ON BOARD , AFTER PCB BOARD , OPERATING TEMPERATURE AND HUMIDITTY RANGE IS APPLIED FOR INTERIM STRAGE DURING TRANSPORTATION.						
	COUNT	DESCRIPTION OF REVISIONS	DESIGNED	CHECKED	DATE	
	2	DIS-H-007449	ST. SATO	HK. UMEHARA	12. 11. 28	
REMARKS Unless otherwise specified, refer to JIS C 5402.				APPROVED	KI. AKIYAMA	12. 06. 14
				CHECKED	HK. UMEHARA	12. 06. 14
				DESIGNED	TT. OHSAKO	12. 06. 12
				DRAWN	TT. OHSAKO	12. 06. 12
Note QT:Qualification Test AT:Assurance Test X:Applicable Test			DRAWING NO.		ELC4-336117-02	
	SPECIFICATION SHEET		PART NO.	DF61-2630SCF (41)		
	HIROSE ELECTRIC CO., LTD.		CODE NO.	CL666-5003-7-41		1/1