





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 μs. 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			APPROVED	KI. AKIYAMA	12. 06. 14
			CHECKED	HK. UMEHARA	12. 06. 14
			DESIGNED	TT. OHSAKO	12. 06. 12
			DRAWN	TT. OHSAKO	12. 06. 12
Unless otherwise specified, refer to JIS C 5402.					
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