






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
Unless otherwise specified, refer to JIS C 5402.			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