




In case of consideration for using Automotive equipment / device which demand high reliability, kindly contact our sales window correspondents.

APPLICABLE STANDARD		TEST METHOD		REQUIREMENTS		QTY	AT
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				
<b>SPECIFICATIONS</b>							
ITEM	TEST METHOD		REQUIREMENTS				
<b>CONSTRUCTION</b>		VISUALLY AND BY MEASURING INSTRUMENT.		ACCORDING TO DRAWING.			
GENERAL EXAMINATION	CONFIRMED VISUALLY.						
<b>ELECTRIC CHARACTERISTICS</b>							
CONTACT RESISTANCE	20 mV MAX. 1 mA(DC OR 1000 Hz).		10 mΩMAX.				
<b>MECHANICAL CHARACTERISTICS</b>							
CONTACT INSERTION AND EXTRACTION FORCES	T=0.2±0.002 mm BY STEEL GAUGE.		INSERTION FORCE	5 N MAX.		X	X
MECHANICAL OPERATION	30 TIMES INSERTION AND EXTRACTION.		EXTRACTION FORCE	0.1 N MIN.		X	-
VIBRATION	FREQUENCY 10 TO 55 Hz, SINGLE AMPLITUDE 0.75 mm, AT 10 CYCLES FOR 3 DIRECTION.		① NO ELECTRICAL DISCONTINUITY OF 1μs.		X	-	
SHOCK	490 m/s <sup>2</sup> DURATION OF PULSE 11 ms AT 3 TIMES FOR 3 DIRECTIONS.		② NO DAMAGE, CRACK OR LOOSENESS OF PARTS.		X	-	
CRIMP TENSILE STRENGTH			#AWG26 : 18 N MIN.			X	-
<b>ENVIRONMENTAL CHARACTERISTICS</b>							
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.		X	-	
RAPID CHANGE OF TEMPERATURE	TEMPERATURE -55°C→ +85°C 30min→ 30min UNDER 5 CYCLES. (AFTER LEAVING THE ROOM TEMPERATURE FOR 1~2h.)		② NO DAMAGE, CRACK OR LOOSENESS OF PARTS.		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 HUMIDITY RANGE IS APPLIED FOR INTERIM STRAGE DURING TRANSPORTATION.							
COUNT	DESCRIPTION OF REVISIONS	DESIGNED	CHECKED	DATE			
REMARKS	2 DIS-H-007449	ST. SATO	HK. UMEHARA	12.11.28			
			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.		ELG4-336117-02			
<b>HRS</b>		SPECIFICATION SHEET		PART NO.		DF61-2630SCF (41)	
		HIROSE ELECTRIC CO., LTD.		CODE NO.		CL666-5003-7-41	
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