

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)					
	APPLICABLE CONNECTOR	DF61-2P-2.2V(##)	INSULATION DIAMETER	AWG26 TO 30: ϕ 0.7~1.3 mm					
	VOLTAGE	350 V AC/DC	APPLICABLE CONTACT	DF61-2628SCF DF61-2226SCF					
	CURRENT	AWG28 : 3.0A AWG26 : 3.2A AWG24 : 4.0A AWG22 : 5.0A		350 V AC/DC					
			UL, C-UL Rating	Voltage	AWG 28 : 3.0A AWG 26 : 3.2A AWG 24 : 4.0A AWG 22 : 5.0A				
				Current					
SPECIFICATIONS									
ITEM	TEST METHOD		REQUIREMENTS		AT				
CONSTRUCTION									
GENERAL EXAMINATION	VISUALLY AND BY MEASURING INSTRUMENT.		ACCORDING TO DRAWING.		X				
MARKING	CONFIRMED VISUALLY.				X				
ELECTRIC CHARACTERISTICS									
INSULATION RESISTANCE	500 V DC.		1000 M Ω MIN.		—				
VOLTAGE PROOF	1700 V AC FOR 1 min.		NO FLASHOVER OR BREAKDOWN.		—				
MECHANICAL CHARACTERISTICS									
MECHANICAL OPERATION	30 TIMES INSERTION AND EXTRACTION.		NO DAMAGE, CRACK OR LOOSENESS OF PARTS.		—				
VIBRATION	FREQUENCY 10 TO 55 Hz, SINGLE AMPLITUDE 0.75 mm, AT 10 CYCLES FOR 3 DIRECTION.		NO DAMAGE, CRACK OR LOOSENESS OF PARTS.		—				
SHOCK	490 m/s ² DURATION OF PULSE 11 ms AT 3 TIMES FOR 3 DIRECTIONS.				—				
ENVIRONMENTAL CHARACTERISTICS									
DAMP HEAT (STEADY STATE)	EXPOSED AT 40 $\pm$ 2 °C, 90 TO 95 %, 96 h. (AFTER LEAVING THE ROOM TEMPERATURE FOR 1~2h.)		① INSULATION RESISTANCE: 500M Ω MIN ② NO DAMAGE, CRACK OR LOOSENESS OF PARTS.		—				
RAPID CHANGE OF TEMPERATURE	TEMPERATURE -55→+85°C TIME 30→ 30min. UNDER 5 CYCLES. (THE TRANSFERRING TIME OF THE TANK IS 2~3 min) (AFTER LEAVING THE ROOM TEMPERATURE FOR 1~2h.)				—				
REMARKS									
NOTE 1: INCLUDE THE TEMPERATURE RISE BY CURRENT. NOTE 2: NO CONDENSING. NOTE 3: APPLY TO THE CONDITION OF LONG TERM STORAGE FOR UNUSED PRODUCTS BEFORE HARNESS ASSEMBLY. AFTER HARNESS ASSEMBLY, OPERATION TEMPERATURE AND HUMIDITY RANGE ARE APPLIED FOR INTERIM STORAGE DURING TRANSPORTATION.									
	COUNT	DESCRIPTION OF REVISIONS	DESIGNED	CHECKED	DATE				
	1	DIS-H-00005315	SN. MIWA	SZ. ONO	20191004				
Unless otherwise specified, refer to IEC 60512.			APPROVED	KI. AKIYAMA	20130122				
			CHECKED	TS. KUMAZAWA	20130122				
			DESIGNED	ST. SATO	20130119				
			DRAWN	ST. SATO	20130119				
Note QT:Qualification Test AT:Assurance Test X:Applicable Test			DRAWING NO.		ELC-336116-11-06				
	SPECIFICATION SHEET		PART NO.	DF61-2S-2. 2C(11)					
	HIROSE ELECTRIC CO., LTD.		CODE NO.	CL666-5002-4-11	 1/1				