

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: $\phi$ 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	UL, C-UL Rating 	Voltage Current	350 V AC/DC AWG 28 : 3.0A    AWG 26 : 3.2A AWG 24 : 4.0A    AWG 22 : 5.0A
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					
INSULATION RESISTANCE		500 V DC.	1000 M $\Omega$ MIN.	X	—
VOLTAGE PROOF		1700 V AC FOR 1 min.	NO FLASHOVER OR BREAKDOWN.	X	—
MECHANICAL CHARACTERISTICS					
MECHANICAL OPERATION		30 TIMES INSERTION AND EXTRACTION.	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.	NO DAMAGE, CRACK OR LOOSENESS OF PARTS.	X	—
SHOCK		490 m/s <sup>2</sup> DURATION OF PULSE 11 ms AT 3 TIMES FOR 3 DIRECTIONS.		X	—
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 $\Omega$ MIN ② NO DAMAGE, CRACK OR LOOSENESS OF PARTS.	X	—
RAPID CHANGE OF TEMPERATURE		TEMPERATURE -55 $\rightarrow$ +85°C TIME 30 $\rightarrow$ 30min. UNDER 5 CYCLES. (THE TRANSFERRING TIME OF THE TANK IS 2~3 min) (AFTER LEAVING THE ROOM TEMPERATURE FOR 1~2h.)		X	—
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-336116-12-07
	SPECIFICATION SHEET		PART NO.	DF61-2S-2. 2C (12)	
	HIROSE ELECTRIC CO., LTD.		CODE NO.	CL666-5002-4-12	 1/1