In case of consideration for using Automotive equipment/device which demand high reliability, kindly contact our sales window correspondents.
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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: φ0.7～1.3 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 ② Voltage	350 V AC/DC	
			Current	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 CHRACTERISTICS				
INSULATION RESISTANCE	500 V DC.	1000 MΩ 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^2 DURATION OF PULSE 11 ms AT 3 TIMES FOR 3 DIRECTIONS.		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 INSULATION RESISTANCE: 500MΩ MIN ② NO DAMAGE, CRACK OR LOOSENESS OF PARTS.	X	—
RAPID CHANGE OF TEMPERATURE	TEMPERATURE -55→+85℃ TIME 30→ 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
②	1	DIS-H-00005315	SN. MIWA	SZ. ONO	20191004

APPROVED	KI. AKIYAMA	20130122
CHECKED	TS. KUMAZAWA	20130122
DESIGNED	ST. SATO	20130119
DRAWN	ST. SATO	20130119

Unless otherwise specified, refer to IEC 60512.

Note QT:Qualification Test AT:Assurance Test X:Applicable Test

DRAWING NO. ELC-336116-11-06

HRS	SPECIFICATION SHEET	PART NO.	DF61-2S-2.2C(11)	
	HIROSE ELECTRIC CO., LTD.	CODE NO.	CL666-5002-4-11 ②	1/1

FORM HD0011-2-1