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Applicable standard					
Rating	Operating Temperature range	-40 °C to +105°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	DF62W-2EP-2.2C(##)	Voltage	AC/DC 250V	
	Applicable contact	DF62W-2226SC*	Current	AWG 22 : 3A AWG 24 : 2A AWG 26 : 1A	
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 \triangle					
Insulation resistance	500 V DC.	1000 M Ω MIN.	X	-	
Voltage proof	650 V AC for 1 min.	No flashover or breakdown.	X	-	
Mechanical characteristics \triangle					
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 each for 3 both axial directions.	No damage, crack or looseness of parts.	X	-	
Environmental characteristics \triangle					
Damp heat (Steady state)	Exposed at 40 \pm 2°C , 90 to 95 %, 96 h. (After leaving the room temperature for 1~2h.)	①Insulation resistance: 1000 M Ω Min. ②No damage, crack or looseness of parts.	X	-	
Rapid change of temperature	Temperature -55°C \rightarrow +85°C Time 30min \rightarrow 30min Under 5 cycles. (The transferring time of the tank is 2~3 min) (After leaving the room temperature for 1~2h.)	①Insulation resistance: 1000 M Ω Min. ②No damage, crack or looseness of parts.	X	-	
Note 1: Include the temperature rising by current. Note 2: No condensing Note 3: Apply to the condition of long term storage for unused products before PCB on board. After PCB on board, operating temperature and humidity range is applied for interim strage during transportation.					
	Count	Description of revisions	Designed	Checked	Date
\triangle	3	DIS-H-008782	KT. ISHII	HK. UMEHARA	14. 05. 23
Remarks Unless otherwise specified, refer to IEC 60512.			Approved	KI. AKIYAMA	13. 11. 15
			Checked	MN. KENJO	13. 11. 14
			Designed	TO. HORII	13. 11. 14
			Drawn	TO. HORII	13. 11. 14
Note	QT:Qualification Test AT:Assurance Test X:Applicable Test		Drawing No.	ELC4-353517-00	
HRS	Specification sheet		Part No.	DF62W-2S-2. 2C	
	HIROSE ELECTRIC CO., LTD.		Code No.	CL544-1002-7-00	\triangle 1/1