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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)		
	Voltage	350 V AC/DC	Applicable connector	DF61Y-2P-2.2V(##)		
	Current	AWG28 : 3.0A AWG26 : 3.2A AWG24 : 4.0A	Applicable contact	DF65-2428SCF		
Specifications						
Item	Test method	Requirements	QT	AT		
<b>Construction</b>						
General examination	Visually and by measuring instrument.	According to drawing.	X	X		
Marking	Confirmed visually.		X	X		
<b>Electric chracteristics</b>						
Insulation resistance	500 V DC.	1000 MΩ MIN.	X	—		
Voltage proof	1200 V AC for 1 MIN.	No flashover or breakdown.	X	—		
<b>Mechanical characteristics</b>						
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	—		
<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 Insulation resistance: 500 MΩ MIN. ② No damage, crack or looseness of parts.	X	—		
Rapid change of temperature	Temperature -55°C→ +85°C Time 30MIN→ 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 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 storage during transportation.						
	Count	Description of revisions	Designed	Checked	Date	
				Approved	KI. AKIYAMA	15. 06. 11
				Checked	HK. UMEHARA	15. 06. 11
				Designed	ST. SATO	15. 06. 11
				Drawn	MI. SAKIMURA	15. 06. 11
Unless otherwise specified, refer to IEC 60512.						
Note QT:Qualification Test AT:Assurance Test X:Applicable Test			Drawing no.		ELC-361874-13-00	
	Specification sheet		Part no.	DF61Y-2S-2. 2C(13)		
	Hirose electric co., ltd.		Code no.	CL666-5101-6-13	 1/1	