

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
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		1200 V AC for 1 MIN.	No flashover or breakdown.	X	—
Mechanical characteristics					
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: 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 befor pcb on board, After pcb on board, operating temperature and humiddity range is applied for interim storage during transportation.					
	Count	Description of revisions	Designed	Checked	Date
Unless otherwise specifid , refer to IEC 60512.			Approved	KI. AKIYAMA	15. 06. 11
			Checked	HK. UMEHARA	15. 06. 11
			Designed	ST. SATO	15. 06. 11
			Drawn	MI. SAKIMURA	15. 06. 11
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