

Applicable standard					
Rating	Operating temperature range	-35°C to +85°C(Note 1) ⚠	Storage temperature range	-10°C to +60°C(Note3)	
	Operating humidity range	20 % to 80 % (Note 2)	Storage humidity range	40 % to 70 %(Note3) ⚠	
	Voltage	150 V AC/DC	Current	AWG 26 : 2.5A AWG 28 : 2.0A ⚠ AWG 30 : 1.0A AWG 32 : 1.0A	
	Applicable Connector	DF13-*P-1.25DS(A)(##) ⚠ DF13(%)-*P-1.25V(##) DF13(%)-*P-1.25H(##)	Applicable Contact	DF13(G)-2630SCF(A) DF13-3032SCF(A) ⚠	
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	100 V DC.		500 MΩ min.	X	—
Voltage proof	500 V AC for 1 min.		No flashover or breakdown.	X	—
Mechanical characteristics					
Mechanical operation	50 times insertions and extractions. ⚠		No damage, crack or looseness of parts.	X	—
Vibration	Frequency 10 to 55 Hz, single amplitude 0.75 mm, at 2 h, for 3 directions.			X	—
Shock	490 m/s ² duration of pulse 11 ms at 3 times for 3 directions.			X	—
Environmental characteristics					
Rapid change of temperature	Temperature -55→ 15 to 35→+85→ 15 to 35 °c Time 30→ 2 to 3 → 30→ 2 to 3 min. Under 5 cycles.		① Insulation resistance: 500 MΩ min. ② No damage, crack or looseness of parts.	X	—
Damp heat (Steady state)	Exposed at 40 ± 2 °c, 90 to 95 %, 96 h.			X	—
Remarks					
Note 1:Including the temperature rising by current. Note 2:No condensing Note 3: Apply to the condition of long term storage for unused products before mounted on PCB. After mounted on PCB, operation temperature and humidity range is applied for interim storage during transportation.					
	Count	Description of revisions	Designed	Checked	Date
⚠	6	DIS-H-00004388	HT. SATO	SZ. ONO	20181108
Unless otherwise specified, refer to IEC60512.			Approved	TS. SAKATA	20081204
			Checked	TS. KUMAZAWA	20081204
			Designed	SN. KOBAYASHI	20081204
			Drawn	SN. KOBAYASHI	20081204
Note QT:Qualification Test AT:Assurance Test X:Applicable Test			Drawing no.	ELC4-081787-01	
HRS	Specification sheet		Part no.	DF13-2S-1. 25C	
	Hirose electric co., ltd.		Code no.	CL536-0001-4-00	⚠ 1/1