





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	1.0A	
	Applicable Connector	DF13-*P-1.25DS(A)(##) DF13(%)*P-1.25V(##) DF13(%)*P-1.25H(##)	Applicable Contact	DF13-2630SCF DF13-2630SCFA(04) DF13G-2630SCF(A) DF13-3032SCF(A)	
<b>Specifications</b>					
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 characteristics</b>					
Insulation resistance		100 V DC.	500 MΩ min.	X	—
Voltage proof		500 V AC for 1 min.	No flashover or breakdown.	X	—
<b>Mechanical characteristics</b>					
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 <sup>2</sup> duration of pulse 11 ms at 3 times for 3 directions.		X	—
<b>Environmental characteristics</b>					
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	—
<b>Remarks</b>					
Note 1:Including the temperature rising by current. Note 2:No condensing Note 3: Apply to packed condition.					
 Format change					
	Count	Description of revisions	Designed	Checked	Date
	1	DIS-H-00010577	HT.SATO	SZ.ONO	20210823
Unless otherwise specified, refer to IEC60512.			Approved	KJ. KATAYOSE	20050105
			Checked	TY. OMA	20050105
			Designed	TS. KUMAZAWA	20050105
			Drawn	TS. KUMAZAWA	20050105
Note QT:Qualification Test AT:Assurance Test X:Applicable Test			Drawing no.	ELC4-083675-01	
	Specification sheet		Part no.	DF13-*S-1. 25C	
	Hirose electric co., ltd.		Code no.	CL536	 1/1