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 In case of consideration for using Automotive equipment / device which demand high reliability, kindly contact our sales window correspondents.

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)	
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 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	
HRS	Specification sheet		Part no.	DF13-*S-1. 25C	
	Hirose electric co., ltd.		Code no.	CL536	 1/1