Applicabl	e standard							
	Operating temperature range		-35°C to +85°C(Note 1)	Storage temperature range		-10°C to +60°C(Note 3)		
Rating	Operating humidity range		20 % to 80 % (Note 2)	Stora	-	40 % to 70 %(Note 3)		
	Voltage		150 V AC (DC)		rrent	1 A		AT X X
	Applicable		DF13-*DS-1.25C	Appl	icable	DF13(G)-2630SCFA		
	Connector		Con		act	DF13-3032SCFA		
			Specifica	tions	3			
Item		Test method			Red	quirements	QT	AT
Construc	ction	•						
General examination		Visually and by measuring instrument.			According to drawing.			Х
Marking	Marking		d visually.				Х	
Electric o	characteris	tics					•	•
Contact resis	stance	100 m A	(DC or 1000 Hz).		30 mΩ MAX.			_
Insulation rea	sistance	100 V DC.			500 MΩ MIN.			_
Voltage proof		500 V AC for 1 min.			No flashover or breakdown.			_
Mechani	cal charac	teristics						
Mechanical of	Mechanical operation		insertions and extractions.		 Contact resistance: 30 mΩ MAX. No damage, crack or looseness of parts. 			_
Vibration		Frequency 10 to 55 Hz, single amplitude 0.75 mm, at 2 h, for 3 directions.			 No electrical discontinuity of 1μs. No damage, crack or looseness of parts. 			_
Shock		490 m/s ² duration of pulse 11 ms at 3 times for 3 directions.			rio damago, orac	ok or recognises or parts.	Х	_
Environn	nental cha						I	
Rapid chang			ture -55→ 15 to 35→+85→ 15 to 35 °c	;	① Contact resistan	ce: 30mΩ MAX.		
temperature		Time $30 \rightarrow 2$ to $3 \rightarrow 30 \rightarrow 2$ to 3 min. Under 5 cycles.			 ② Insulation resistance: 500 MΩ MIN. ③ No damage, crack or looseness of parts. 			_
Damp heat (Steady state)		Exposed at 40 ± 2 °c, 90 to 95 %, 96 h.				·	Х	_
Resistance to	o soldering	250°C 230°C Reference 170°C Put t leave humi 2) Manua Solderi Solderi No stre	ow area > C MAX 10 sec MAX C MIN 60 sec MAX eating area > C to 190°C 60 sec to 120 sec hrough in reflow furnace twice, in ambient temperature and dity for 1 hour. Il soldering ing iron temperature :300°C, ing time : 3sec. ingth on contact.		of the terminals.	ase of excessive looseness	X	
Solderability		Soldered	at solder temperature,		Solder shall cover a	minimum of	Х	_

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,

245°c for insertion duration, 3sec.

after pcb on board, operating temperature and humidity range is applied for interim storage during transportation.

C	ount	Description of revisions		Designed			Checked	Date
\triangle								
Unless otherwise specifid , refer to IEC 60512.				Approved		KI. AKIYAMA	16. 03. 31	
					Ch	ecked	TS. FUKUSHIMA	16. 03. 29
					De	signed	MI. SAKIMURA	16. 03. 29
					D	rawn	MI.SAKIMURA	16. 03. 29
Note QT:Qualification Test AT:Assurance Test X:Applicable Test		est	Drawing no.		ng no.	ELC-367982-55-00		
R	5	Specification sheet		P	art no.	DI	F13EA-*DP-1. 25V	(55)
4 6 7		Hirose electric co., ltd.			ode no.	le no. CL536		<u></u> 1/

95 % of the surface being immersed.