Applicabl	le standa	rd										
Operating		e range	-35°C to +85°C(Note 1)			Storage			-10°C to +60°C(	Note 3)		
Rating	temperature range Operating		20 % to 80 % (Not	te 2)	temperature range Storage humidity range		-		40 % to 70 %(Note 3)			
	humidity range Voltage		150 V AC (DC)	)	Current		5		1 A			
	Applicable					Applicable			DF13(G)-2630SCF			
	Connector					Contact			DF13-3032SCF			
			Spe	cificati	ion	S						
lt	tem		Test method			Requirements				QT	A	
Construc	ction											
General examination		-	Visually and by measuring instrument.			According to drawing.					Х	
Marking		Confirmed	l visually.							Х	Х	
Electric o						<u> </u>				X	1	
Contact resistance			100 m A (DC or 1000 Hz).				30 mΩ MAX.				-	
Insulation resistance		100 V DC	100 V DC.			500 MΩ MIN.				Х	-	
Voltage proof		500 V AC	500 V AC for 1 min.			No flashover or breakdown.					-	
		acteristics										
Mechanical operation			30 times insertions and extractions.				<ol> <li>Contact resistance: 30 mΩ MAX.</li> <li>No damage, crack or looseness of parts.</li> </ol>				-	
Vibration		0.75 mm,	Frequency 10 to 55 Hz, single amplitude 0.75 mm, at 2 h, for 3 directions.				<ol> <li>No electrical discontinuity of 1µs.</li> <li>No damage, crack or looseness of parts.</li> </ol>				_	
Shock			490 m/s <sup>2</sup> duration of pulse 11 ms at 3 times for 3 directions.								-	
		aracterist									-	
Rapid change of temperature		Time					<ol> <li>Contact resistance: 30mΩ MAX.</li> <li>Insulation resistance: 500 MΩ MIN.</li> <li>No damage, crack or looseness of parts.</li> </ol>				-	
Damp heat (Steady state)			Under 5 cycles. Exposed at 40 $\pm$ 2 °c, 90 to 95 %, 96 h.								_	
		1) Reflow	1) Reflow soldering				No deformation of case of excessive looseness of the terminals.				+	
heat		250°C 230°C « Prehe 170°C Put th leave humic 2) Manual Solderin Solderin	≪Reflow area≫ 250°C MAX 10 sec MAX 230°C MIN 60 sec MAX ≪Preheating area≫ 170°C to 190°C 60 sec to 120 sec Put through in reflow furnace twice, leave in ambient temperature and humidity for 1 hour. 2) Manual soldering Soldering iron temperature :300°C, Soldering time : 3sec. No strength on contact.									
Solderability			Soldered at solder temperature, 245°c for insertion duration, 3sec.			Solder shall cover a minimum of 95 % of the surface being immersed.					-	
Note 2:No cor Note 3:Apply t after p	e the tempera ndensing to the conditic ocb on board,	ture rising by cu on of long term s operating temp	rrent. storage for unused products befo erature and humidity range is ap	plied for inte	rim sto	brage durin				1		
Cour	nt	Descriptio	on of revisions		Desi	gned	ned		Checked	Date		
Unless otherwise specifid , re			fer to IEC 60512.			Approved			KI.AKIYAMA 1		16.04.04	
		• • • • •				Checked		-+				
			-			Designed Drawn		-+	YK. YAMAGUCHI	16. 04. 04 16. 04. 04 16. 04. 01		
									MI. SAKIMURA			
Note QT:C	Qualification Test AT:Assurance Test X:Applicable Test				1	Drawing no.			ELC-367983-25-00			
RS		Spee	Specification sheet			Part no.		DF	13E-*DP-1. 25V (	25)	1	
•••		Hirose	se electric co., ltd.			Code no.		CL536			1/1	
											1	