Applicabl	le standard									
Rating	Operating temperature range		ten		Storage temperature	Storage emperature range		-10°C to + 60°C(Note 3)		
Operating humidity range			40% to + 80%(Note 2)		Storage humidity ran			40% to + 70%(Note 3)		
	Voltage		250V AC/DC		Applicable			DF3-*S-2C		
			AWG 22 to 24 :	3A		Voltage	9	30V AC/DC		
Current		AWG 26 · 2A		UL · CSA rating			AWG 24 : 3A AWG 26 : 2A			
				ecificati	nns			AWG 28 : 1A (I	Note 4)	,
<u> </u>	tem		Test method	Jonicali			Regi	uirements	QT	AT
Construc		1								1
		Visually ar	nd by measuring instrument.		Accor	ding to dra	awing		X	Χ
			irmed visually.			According to drawing.				X
			i visually.			<u> </u>				^
	characterist		V 4 A (DO 4000H)		1					1
			XX, 1mA (DC or 1000Hz).		30mΩ	MAX.			X	_
	Millivolt Level Method Insulation resistance 50		500 <b>V</b> DC.			1000MΩ MIN.			Х	<u> </u>
Voltage pro	of	650V AC	C for 1 min.			No flashover or breakdown.			Х	_
Mechani	cal charact	eristics							1	1
			mes insertions and extractions.			① Contact resistance: 30mΩ MAX.			Х	_
		Frequency 10 to 55 Hz, single amplitude			① No	<ul><li>② No damage, crack or looseness of parts.</li><li>① No electrical discontinuity of 1μs.</li></ul>			Х	-
01 1			75 mm, at 2 h, for 3 directions.			② No damage, crack or looseness of parts.				
			490 m/s² duration of pulse 11 ms at 3 times for 3 directions.			<ol> <li>No electrical discontinuity of 1µs.</li> <li>No damage, crack or looseness of parts.</li> </ol>			Х	_
Environn	nental char	acterist	ics							
Rapid chang			ature -55°C→ +85°C			① Contact resistance: 30mΩ MAX.			X	_
		Time 30min→ 30min			② Ins	② Insulation resistance: 1000MΩ MIN.				
			Under 5 Cycles.				③ No damage, crack or looseness of parts.			
			nsferring time of the tank is 2 ving the room temperature fo							
		Exposed	osed at 40 ± 2 °c, 90 to 95 %, 96 h.			① Contact resistance: $30m\Omega$ MAX.				-
(Steady state)						② Insulation resistance: 500MΩ MIN.				
Daaistanaa		1) Defless	a a lala vina v					or looseness of parts.	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	
Soldering heat		1) Reflow soldering Number of reflow cycles: 2 cycles MAX. Duration above 230°C, 60 sec. MAX. Peak temperature: 250°C 10 sec. MAX. Pre-heat temperature: 150 to 180°C Pre-heat time: 90 to 120 sec. 2) Manual soldering Soldering iron temperature: 300°C, Soldering time: 3sec. No strength on contact.			of the	terminals.		e of excessive looseness	X	
,			g temperature :230 °C g time :3s.			A new uniform coating of solder shall cover minimum of 95 % of the surface being immersed.			Х	-
Note 2: No c Note 3: Appl After Note 4: Appl	y to the condition r mounted on PC y to crimping con	n of long te CB board, c ntact type.	erm storage for unused produ operating temperature and hu	umidity range	ounted on Pois applied fo	CB.		during transportation.		
Count Descript		ion of revisions		Designed	gned		Checked		ate	
Unless othe	rwise specified	refer to II	FC 60512.	1		Approv	,od	HS OKAWA	10 0	2 16

	Count	Description of revisions	Designed		Checked		Date	
$\Delta$								
Unle	ess otherv	vise specified, refer to IEC 60512.		Approved	HS. OKAWA	18.0	18. 02. 16	
					TS. FUKUSHIMA 1		18. 02. 16	
					TS. KUMAZAWA 18		2. 16	
					Drawn MK. INOUE		18. 02. 16	
Note	Note QT:Qualification Test AT:Assurance Test X:Applicable Test			g no.	ELC-369406-24-00			
RS .		Specification sheet	Part no.	DF3E-*P-2H(24)				
		Hirose electric co., ltd.	Code no.	CL543		$\triangle$	1/1	