Applicabl	e standard										
Operating temperature rar		nge /3	1 -40 °C 10 +105°C (NOTE1) 1		Storage Temperature rang		ne .		Storage Temperature range		
Rating	Operating		20% TO 80% (NOTE2) Stor		Storage	orage			Storage		
J	humidity range				numidity ran Current	ange			humidity range Current		
	Applicable connector		DF59-2P-4FC(**)			Vo	ltage		AC/DC 230\		
			DF59-3P-2C DF59-3P-2SP(**)		/-14	UL	/C-UL		AC/DC 29.9		
			DF39-3F-23F()		Voltage	ΤÜ	IV/			· v	
			0:: :	: t : :	4:				TBD		
			Speci	шса	tions						T
Item		Item				Item				QT	AT
Construction General examination		Visually and by measuring instrument.				According to drawing.				X	Х
Marking		Confirmed visually.								X	X
	haracterist		,							1 /	1 / `
Contact resistance \(\) DC6\			C6V MAX, 100mA. (DC or 1000Hz).				50mΩ MAX. (DF59-2P-4FC (**) , DF59-3P-2SP (**))				T -
<u>/3\</u>		, ,				30mΩ MAX. (DF59-3P-2C)					
Insulation resistance		500V DC. 650V AC FOR 1 min.				1000MΩ MIN. No flashover or breakdown.				X	
Voltage prod	cal charact		OK I Min.		INC	o nasn	lover or br	еакио	WII.	^	
Mechanical		1	nsertion and extraction. (DF59-2P-4F0	C(**) DF5	59-3P-2C) (1))50m() MAX (n	F59-2P-	-4FC (**) . DF59-3P-2SP (**))	X	Τ_
Vibration		10 times insertion and extraction. (DF59-3P-2SP(**))				30mΩ MAX. (DF59-3P-2C)					
						②No damage, crack or looseness of parts.					
		Frequency 10 to 55Hz, single amplitude 0.75mm, at 10cycles for 3direction.				①No electrical discontinuity of 1 μ s. ②No damage, crack or looseness of parts.				Х	_
			90 m/s ² duration of pulse 11 ms at 3 times for 3 directions.)1 40 ua	imago, ora	ok or ic	osciless of parts.	X	_
Environm	ental charac		<u> </u>							1 .	
Damp heat		Exposed a	t 40 ± 2°C , 90 to 95 %, 96 h.		1)50mΩ	2 MAX. (D	F59-2P-	-4FC (**) , DF59-3P-2SP (**))	Х	_
(Steady state)		(After leaving the room temperature for 1 - 2h.)				30mΩ MAX. (0F59-3P-20) ②Insulation resistance: 1000MΩ MIN. ③No damage, crack or looseness of parts.					
Rapid change of temperature		Temperature -55°C → +85°C Time 30min → 30min								X	_
		Under 5 cy					3,,,,,,				
		-	ferring time of the tank is 2 - 3 min)								
(After leav Resistance to soldering heat 1)Reflow			ving the room temperature for 1 - 2h.)			No deformation of case of excessive looseness					<u> </u>
Resistance to soldening heat		Number of reflow cycles : 2cycles max.				of the terminals.				X	
		≪Reflow area≫ Duration above 220°C, 60sec. Max. Peak temperature: 250°C, 10sec. Max. ≪Pre-heat area≫ Pre-heat temperature:150°C to 180°C									
			Pre-heat time:90sec.to 120sec. 2) Manual soldering								
		Soldering iron temperature :350±10°C,									
			g time : 3sec. igth on contact.								
		Soldering temperature : 245°c			Ne	New uniform coating of solder shall cover minimum X					-
		Duration of immersion :soldering, for 5sec.				of 95% of the surface being immersed.					
Note 1: Include Note 2: No con	the temperature r densing	ising by curre	ent.								
		•	rage for unused products before mour				ot a thank				
Coun		temperature and humidity range is applied for interim storage during Description of revisions Description			Designe						ate
/3 2			H-00002838	TS. KUMA				TS. FUKUSHIMA			5. 30
Remarks		D13	11 00002030		13. NUMAZI	AIIA	Appro	ved	KI. AKIYAMA	-	0. 18
							Check		OM. MIYAMOTO	_	0.18
						Design		ned	KT. ISHII	10.1	0.18
Unless otherwise specified, refer			to IEC60512.			Drawn		/n	KT. ISHII 10.		0.18
Note QT:C	ualification Te	st AT:Ass	surance Test X:Applicable Test	able Test [g no.		ELC-334708-51-01		
HS.		Speci	fication sheet		Part no.			DF59-2S-4V (51)			
		Hirose	electric co., ltd.		Code no.		Cl	_667	7-0021-8-51	<u></u> \$\	1/1