Applicabl	e standard								
Operating		*0000	-40 °C to +105°C (No	te1)	Storage Temperatur		-10 °C to +60°C	(Note2)	)
Temperature Operating		range	000/ +- 000/	Sto		e range			
Humidity ran		ge	20% to 80%		Humidity rai	nge	40% to 70%	(Note2)	)
	Applicable Connector		DF63W-4S-3.96C DF63WA-4S-3.96C		Voltage		AC/DC 630	)V	
	Applicable co	ntact	D1 001/71 10 0.000		Current				
	' '		DF63-1618PC*				AWG#16 : 12	Α	
	Insulation diameter		$\phi$ 2. 8 $\sim$ $\phi$ 3. 2mm				AWG#18: 9	Α	
			Specifications						
<u> </u>	1		•	IIICalii	0115	D		QT	T
Item Construction			Test method			Requirements			AT
		and by measuring instrument.		Accord	ing to drawin	g.	X	Х	
Marking		Confirmed visually.				X   X			
Electric o	characteris	tics						<u> </u>	
		20mV N	20mV MAX, 1mA (DC or 1000Hz).			10 mΩ MAX. X –			
Insulation resistance		500 V DC.			1000 M	000 MΩ MIN. X			_
Voltage proof 1500		1500 V A	00 V AC for 1 min.			No flashover or breakdown.			-
Mechani	cal charact	eristics			<u> </u>				
Vibration Fre		30 times	30 times insertion and extraction.			①Contact resistance: 20 mΩ MAX. X -			
						②No damage, crack or looseness of parts.			
		Frequency 10 to 55 Hz, single amplitude 0.75 mm, at 10 cycles for 3 direction.				①No electrical discontinuity of 1 $\mu$ s. X ②No damage, crack or looseness of parts.			_
			0 m/s <sup>2</sup> duration of pulse 11 ms at 3 times each for			①No electrical discontinuity of $1 \mu$ s.			-
			tial directions.		②No d	amage, cracl	k or looseness of parts.		
Environm Damp heat	ental charac			h	(1)Cont	aat raaiatana	o. 20 m O. MAV	X	
			exposed at 40 ± 2°C , 90 to 95 %, 96 h.  After leaving the room temperature for 1~2h.)			①Contact resistance: $20 \text{ m}\Omega$ MAX. $X - \Omega$ Insulation resistance: $500 \text{ M}\Omega$ Min.			
						③No damage, crack or looseness of parts.			
Rapid change of temperature		Temperature -55°C→ +105°C Time 30min→ 30min			_	$\bigcirc$ ①Contact resistance: 20 m $\Omega$ MAX. $X$ = $\bigcirc$ 2 Insulation resistance: 1000 M $\Omega$ Min.			
Unde		Under 5	Jnder 5 cycles.				k or looseness of parts.		
			transferring time of the tank is 2~3 min) leaving the room temperature for 1~2h.)						
L .			Exposed at a depth of 1m for 0.5h.			er penetration	n inside connector.	X	_
		·							
	le the temperatur								
		-	storage for unused products before re and humidity range is applied for				ts. After before being proces	sed or m	ounted
Cour	Count Descrip		tion of revisions Desig		Designed	gned Checked			ate
/o		Descrip	01 1041010113		Sooigrica		CHOOLOG		u.u
Remarks						Approved	HK. UMEHARA	15.0	03. 10
						Checked HK. UMEHARA			03. 10
Unless otherwise specified, refer			er to IEC 60512.			Designed	TO. HORII	_	03. 10
•						Drawn TO. HORII			03. 10
Note QT:Qualification Test AT:Ass			· · · · · · · · · · · · · · · · · · ·		Drawing		ELC-359249-00-00		
		•	cification sheet		Part No.		DF63W-4EP-3. 96C		
	HIR	HIROSE ELECTRIC CO., LTD.			Code No.	CL68	0-0607-4-00	$\triangle$	1/1