Applicabl	e standard									
	Operating Temperature	range	-40 °C to +105°C (Not		Storage emperature	e range	-10 °C to +60°C	(Note2)	)	
Rating Operating Humidity ran			20% to 80%	5	Storage Humidity range		40% to 70%	40% to 70% (Note2)		
	Applicable Connector	=	DF63W-4S-3.96C DF63WA-4S-3.96C		/oltage		AC/DC 630	ΟV		
	Applicable contact		DF63-1618PC*		Current	AWG#16 : 12 A		: A		
Insulation diameter		φ 2. 8 ~ φ 3. 2mm				AWG#18: 9	Α			
			Speci	ificatio	ns					
<u> </u>	tem		Test method			Re	equirements	QT	АТ	
Construction					II.					
General examination		Visually and by measuring instrument.			Accordi	According to drawing.			Х	
Marking (		Confirmed visually.						X	Х	
Electric c	haracterist	tics			•			•		
Contact resistance		20mV MAX, 1mA (DC or 1000Hz).			10 mΩ	10 mΩ MAX.			_	
Insulation resistance		500 V DC.			1000 M	1000 MΩ MIN.			-	
Voltage proof		1500 V AC for 1 min.			No flas	No flashover or breakdown.			-	
Mechanio	cal charact	eristics								
Mechanical operation		30 times insertion and extraction.			_	①Contact resistance: 20 mΩ MAX. ②No damage, crack or looseness of parts.			_	
		Frequency 10 to 55 Hz, single amplitude 0.75 mm, at 10 cycles for 3 direction.			①No el	No electrical discontinuity of 1 $\mu$ s.			-	
Shock 4		490 m/s <sup>2</sup> duration of pulse 11 ms at 3 times each for 3 both axial directions.			or ①No el	①No electrical discontinuity of 1 $\mu$ s. ②No damage, crack or looseness of parts.			-	
Environm	ental charac				Z NO U	amaye, crac	ck of looselless of parts.			
Damp heat	ornar ornarac		at 40 ± 2°C , 90 to 95 %, 96	h.	①Cont	act resistan	ce: 20 m Ω MAX.	X	<b>—</b>	
(Steady state)		(After lea	(After leaving the room temperature for 1~2h.)			②Insulation resistance: 500 MΩ Min.				
Rapid change of		Tempera	Temperature -55°C→ +105°C			③No damage, crack or looseness of parts.  ①Contact resistance: 20 mΩ MAX.			<u> </u>	
temperature		Time 30min→ 30min			_	②Insulation resistance: $1000 \text{ M}\Omega$ Min.				
		Under 5	•	2 ! \	③No da	amage, crad	ck or looseness of parts.			
			(The transferring time of the tank is 2~3 min) (After leaving the room temperature for 1~2h.)							
Sealing		Exposed at a depth of 1m for 0.5h.			No wate	er penetration	on inside connector.	Х	_	
	e the temperatur			hoin = ====	anad of are a	atod ca ===='	into After before heire en	nod a:::	01/254-	
		_	storage for unused products before are and humidity range is applied for				icts. After before being proces	sed of m	ounted	
Coun	ıt	Descript	tion of revisions	De	esigned		Checked	Da	ate	
0 Pomorko										
Remarks						Approved Checked	HK. UMEHARA HK. UMEHARA	_	03. 10	
			to ICC 60542			Designed		15. 03. 10 15. 03. 10		
Unless otherwise specified, refer			to IEC 60512.			Drawn	TO. HORII	_	03. 10	
Note QT:Qualification Test AT:Assurance Test X:Applicable Test					Drawing	Drawing No. ELC-359249-00-				
ЖS		Specification sheet			Part No. DF63		DF63W-4EP-3.960	0		
	HIR	HIROSE ELECTRIC CO., LTD.			Code No. CL680-0607-4-00		80-0607-4-00	Δ	1/1	