Applicab	le standard										
Operating temporature ra		- A	-55 °c to +105°c (Note1)	Stor	-	tempera	ture	-10 °c to +60°c (N	lote3)		
Rating	Operating		20% to 80% (Note2	1	rage			40% to 70% (I	Note3)		
	Humidity range Applicable c	onnector	DF63-*S-3, 96C		umidity range oltage			AC/DC 630V			
	777		DI 00 40 0.000						'nin		
Applicable cable		UL1007 AWG #20 to 22			Current			AWG#20 : 11 A/pin			
			Specific	nation				AWG#22 : 9 A/p	וווכ		
	ltom	1	· · · · · · · · · · · · · · · · · · ·	alioni	>		Dog	uirom onto	ОТ		
Construc	Item tion		Test method				Req	uirements	QT	AT	
General examination		Visually and by measuring instrument.			According to drawing.				Х	Х	
Marking	Marking		Confirmed visually.								
Flectric (characterist	tics									
		20mV MAX, 1ma (DC or 1000Hz).			10 mΩ MAX. X					_	
Mechani	ical charact	_ 									
Mechanical characte Contact insertion		□1.14±0.002 mm by steel gauge.				Insertion force 10 N MAX.					
And extraction Forces		11.14±0.002 mm by door gauge.				Extraction force 0.3 N MIN.					
Mechanical operation		30 times insertion and extraction.			_	①Contact resistance: 20 m Ω MAX. ②No damage, crack or looseness of parts.					
Vibration		Frequency 10 to 55 Hz, single amplitude 0.75 mm, at 10 cycles for 3 direction.			①No electrical discontinuity of 1 μ s. χ — ②No damage, crack or looseness of parts.						
Shock		490 m/s ² duration of pulse 11 ms at 3 times each for 3 both				mage, ci	ack oi	looselless of parts.	X	_	
Environm	ental charac	axial direc	tions.								
			Exposed at 40 ± 2°C , 90 to 95 %, 96 h.			①Contact resistance: 20 mΩ MAX. ②No damage, crack or looseness of parts.				_	
(steady state) Rapid change of temperature		(After leaving the room temperature for 1 to 2h.) Temperature -55°C→ +85°C			4					_	
		Time 30min→ 30min							X		
		Under 5 cycles. (the transferring time of the tank is 2 to 3 min)									
Remarks		(after leaving the room temperature for 1 to 2h.)									
Note 2: No co	ding the temperation ondensing to unused produc										
Coui	nt		ion of revisions H-00009798	Desi				Checked SZ. 0N0	Da 2021	ate 0616	
Unless otherwise specifi		ed, refer to IEC 60512.			Approv		oved	SJ. OKAMURA 20		0513	
						Chec		SZ. ONO	2021		
						Desig		TS. KUMAZAWA	2021		
Note QT:Qualification test AT:Ass			surance test. Yeannlieable test			Drawn		TS. KUMAZAWA			
	adamication tes	alification test AT:Assurance test X:applicable test			Drawing No. Part No.			DF63A-2022SC			
HS		Specification sheet					060				
		Hirose electric co., Ltd.			Code No.		CL0680-0649-0-00 /			1/1	