Applicabl	e standard													
Operating temperature range			-55°C to +105°C (Note1)					Storage temperature range		-10	-10°C to +60°C (Note3)			
Rating	Operating humidity range		20% to 80% (Note2)					Storage humidity range		40	40% to 70% (Note3)			
	Voltage		630V AC/DC					Applicable services		a) :	a) : DF63(A)-*EP-3.96C(##)			
	Current		Applicable connector	· 1 a)		b)	Apr	olicable	cable connector		b) : DF63WA-*EP-3.96C(#			
			AWG 20	11A/pin		9A/pin	Ins	ulation c	diameter	Ç	ϕ 1.5 to ϕ 1.9 m			
			AWG 22	9A/pin		8A/pin								
111 0 111			ated Voltage 00V AC/DC	Rated Cur			Overvoltage Category		IP-De	IP-Degree				
UL, C-UL TÜV			See above See above				- II			IP00				
'			00V AC/DC See above Specification						п		93			
						Cilica	iliOi i	<u>ა</u>				QT	AT	
Item			Test method						Requirements					
Construction		Visually and by magazing instrument						The same of the state of the st					T V	
General examination		Visually and by measuring instrument.						According to drawing.					Х	
Marking		Confirmed visually.									X	Х		
Electric o	characterist	ics												
Contact resi		20mV MAX, 1mA (DC or 1000 Hz).							2 MAX.			Х	_	
Millivolt level method														
Mechanical characteristics								14) 0			BAAN/	1		
Mechanical operation		50 times insertion and extraction.						 Contact resistance: 20 mΩ MAX. No damage, crack or looseness of parts. 						
Vibration		Frequency 10 to 55 Hz, single amplitude						1) No electrical discontinuity of 1µs. X —						
Chook		0.75 mm, at 10 cycles for 3 direction. 490 m/s ² duration of pulse 11 ms at 3 times each for						2) No damage, crack or looseness of parts.					1	
			duration of pulse 11 ms at 3 times each for xial directions.					 No electrical discontinuity of 1μs. No damage, crack or looseness of parts. 					_	
Environm	nental chara	acteristi	ics					1.				I		
Damp heat	,	Exposed at 40 ± 2 °C, 90 to 95 %, 96 h.						1) Contact resistance: 20 mΩ MAX. X —						
(Steady state)		(After leaving the room temperature for 1 to 2 h.)						2) No damage, crack or looseness of parts.						
Rapid change of temperature		Temperature -55 °C \rightarrow +85 °C Time 30 min \rightarrow 30 min Under 5 cycles.						1) Contact resistance: 20 mΩ MAX. X — 2) No damage, crack or looseness of parts.						
			transferring time of the tank is 2 to 3 min) r leaving the room temperature for 1 to 2 h.)											
Note 2: No	ude the tempera condensing. ly to unused pro		-	dition.										
Coun	nt .		ion of revision	าร				gned MAZAWA			Checked SZ, 0N0		ate 0826	
Unless of	herwise spec		refer to IEC 60512.					Approved		T	+		0825	
		J = , . O							Checked		SZ.ONO	_	0825	
									Designed		CUMAZAWA	_	0825	
									Drawn		S.HONJO	_	0824	
Note QT:C	Qualification test	urance test X:applicable test					Drawin	1	EL	ELC-382874-00-00				
ЖS		Speci	fication sheet				Par	t No.	DF63-2022PCFA					
1		Hirose electric co., Ltd.					Code	e No.	CI Of	CL0680-0638-0-00 /1			1/1	