Applicable	e standard												
Operating		-55 °C to +105 °C (Note 1)	Stora	•			-10 °C	to +6	0 °C (1	Note 3))	
temperature ran Operating		nge Z	,		Stora	erature range			,			,	
	humidity range		1 20 % to 80 % (Note 2) 1			humidity range			40 % to 70 % (I			Note 3)
Rating	Applicable connector		DF63- * S-3.96C			Voltage			AC/DC 630 V				
	Applicable self-		UL1015 AWG #16 to 18			0 1			AWG #16 : 15 A/p			pin (
	Applicable cabl	е	UL1007 AWG #16 to 18				Current			AWG #18 : 13 A/pin			
	•		Spe	cifica	ations	5		•					
It	em		Test method					Requ	irements			QT	АТ
Construction													
General examination		Visually and by measuring instrument.					According to drawing.						Χ
Marking		Confirmed visually.										Х	Χ
Electric characteristi		Lics											
0		1	0 mV MAX, 1 mA (DC or 1000 Hz).					10 mΩ MAX.					
1=0.							VII					Х	
	cal charact												
Contact insertion		□1.14±0.002 mm by steel gauge.					Insertion force 10 N MAX. Extraction force 0.3 N MIN.						
and extraction forces													_
Mechanical operation		50 times in	50 times insertion and extraction.					Contact resistance: 20 mΩ MAX.					_
·							2) No damage, crack or looseness of parts.						
Vibration		Frequency 10 to 55 Hz, single amplitude				1) No electrical discontinuity of 1 µs.						Χ	_
Shock		0.75 mm, at 10 cycles for 3 direction. 490 m/s ² duration of pulse 11 ms at 3 times each for 3 both					No damage, crack or looseness of parts.					Х	_
		axial direc	tions.										
	ental charac											1	
Damp heat (Steady state)		Exposed at +40±2 °C , 90 to 95 %, 96 h. (After leaving the room temperature for 1 to 2 h.)) mΩ MAX.	of parta		X	_
Rapid change of temperature		Temperature -55 °C → +85 °C				2) NO C	iamaye, c	IACK OI	looseness o	л ранъ.			
Kapiu change	or temperature	Time	$30 \text{ min} \rightarrow 30 \text{ min}$									X	_
		under 5 cy											
		(The transferring time of the tank is 2 to 3 min.) (After leaving the room temperature for 1 to 2 h.)											
Remarks Note 1 Includir	ng the temperatu	1.											
Note 2:No con	densing												
Note 3:Apply to	o unused produc	t on packag	ed condition.										
COUN	T DE		ON OF REVISIONS		DESIG				CHECKED		DA		
1						MAZAWA A DDDOVED			SZ. ONO			20210616	
Uniess othe	erwise specif	ieu, reter	to IEC 60512.				APPRO			OKAMURA		2021	
							CHECK	-	SZ. ONO TS. KUMAZAWA			2021	
							DESIG					2021	
			1			DRAWN		VIN	TS. KUMAZAWA			2021	
Note QT:Qualification Test AT:As			surance Test X:Applicable Test			DRAWING NO.			ELC-393067-00-00				
HS.	SI	<u>PECIFI</u>	CATION SHEET	PART	T NO. DF63A-1			-1618S	SCA				
	HIR	OSE ELECTRIC CO., LTD.				NO.	CL0680-0650-0-00				Λ	1/1	