Applicabl	e standard	t									
	Operating		-55 °C to +105°C (I	Note1)			Contact	AWG 16	AWO	G 18	
Rating	Operating		20% to 80% (Note2)		Cu	rrent	1	15A	13		
	humidity range Storage temperature range Storage humidity range Applicable connector Voltage		-10 °C to +60°C (Note3) 40% to 70% (Note3) DF63-*S-3.96C AC/DC 630V				2	14A	12		
					1		3	12A			
					1	-		4 10A		10A 8A 8A 8A	
					1						
					1		5 10A 6 10A				
			Specifications				0	U IUA			
li I	tem		Test method	Comoatio		R	equirements		QT	A ⁻	
Construct			rest method			- 1	equirements		Qı	1 ^	
General examination		Visually and by measuring instrument.			Accord	According to drawing.				Х	
Marking		Confirmed visually.								Х	
Electric c	haracteris	stics							L		
Contact resis			K, 1mA (DC or 1000Hz).		10 mΩ l	ЛАХ.			Х	T-	
Insulation resistance		500 V DC.			1000 Mg	1000 MΩ MIN.				+-	
Voltage proof		1500 V AC for 1 min.			No flash	No flashover or breakdown.				+-	
	cal charac	teristics							X	1	
Mechanical			sertion and extraction.		(1)Conta	act resistance	e: 20 mΩ MAX	,	Х	T -	
•						②No damage, crack or looseness of parts.					
Vibration		Frequency 10 to 55 Hz, single amplitude				No electrical discontinuity of 1 μ s.				_	
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				②No damage, crack or looseness of parts. ①No electrical discontinuity of 1 μ s.					
OHOUK			axial directions.			②No damage, crack or looseness of parts.					
Environme	ental chara	cteristics			I .						
Damp heat			Exposed at $40 \pm 2^{\circ}\text{C}$, 90 to 95 %, 96 h.				e: 20 mΩ MAX		X	-	
(Steady state)		(After leaving the room temperature for 1-2h.)			<u> </u>	②Insulation resistance: 500 MΩ MIN. ③No damage, crack or looseness of parts.					
Rapid change of temperature			Temperature -55°C→ +85°C			①Contact resistance: 20 mΩ MAX.				1 -	
		Time 30min→ 30min Under 5 cycles.			_	②Insulation resistance: 1000 MΩ MIN. ③No damage, crack or looseness of parts.					
			sferring time of the tank is 2 to	o 3 min)	③No d	amage, cra	ck or loosenes	ss of parts.			
		(After leavir	ng the room temperature for 1								
Resistance to soldering heat		Automatic soldering (flow) Soldered at solder temperature 260°c for in immersing duration 10s.			l l	No deformation of case of excessive looseness of the terminals.				_	
					0. 410 0						
		2)Manual	-								
			ng iron temperature :300°C ng time :3s	,							
		No strei	ngth on contact.								
Solderability			Soldered at solder temperature 245°c for in immersing duration 5 s.			A new uniform coating of solder shall cover minimum of 95 % of the surface being immersed.				_	
Remarks		- 10 0 101			1	57 55 70 0			d. X		
Note 1: Include	e the temperatu	are rising by cu	urrent.								
Note 2: No cor Note 3: Apply	_	of long term s	storage for unused products b	pefore PCB on boar	d. After PCE	on board, o	perating tempe	rature			
		_	terim storage during transpor				. 5.5				
Coun	ıt		ion of revisions	- 	esigned	-		Checked		ate	
1		DIS-	H-00002332	MI.S	SAKIMURA		TS. FUK		_	11. 29	
						Approve		AKIYAMA	-	07. 10	
						Checked		FUKUSHIMA	-	07. 10	
Unless otherwise specified, refe			er to IEC 60512.			Designed	_	/AMAGUCHI		07. 1 07. 1	
Note QT:Qualification Test AT:Ass			surance Test X:Applicable Test		Drowin	Drawn Drawing no.		YK. YAMAGUCHI 15. 07. ELC-359864-00-00			
	camicalion 1					Ī		DF63-*P-3. 96DS			
H16		Speci	alastria and Ital		art no.		νr υυ¬א				
HS		•			ode no.		01.000		Λ	1/1	