Applicable	standard											
	Operating		-55 °C to	+105°C (Note1)	Stora	-		-10 °C	to -	⊦60°C (N	ote3)	
temperature r		ige				emperature range Storage						
Ranno	humidity range					dity range		40%	to to	70% (N	lote3)	
	Applicable connector					age			AC/DC	630V		
										NG #18 : 13A		
									-	AWG #18 13A AWG #22 : 9A		
l		Rated Voltage Rated Cu				0\	Overvoltage Category IP-Dee			IP-Deg	ree	
UL,C-UL		600V AC/DC See above					-	-				
<u>Л</u> Т	ÜV	30	DOV AC/DC	See at			Π			IP00)	
				Specific	ations	S						r
lte	em		Test me	ethod			R	equirements			QT	AT
Constructio	on											
General examination		Visually and by measuring instrument.					According to drawing.					Х
Marking		Confirmed visually.									Х	Х
	naracterist	icc	-									
Contact resist			4 4 (50 4000)	<u>``</u>		10 mΩ M	A V				V	
Joniaci Tesisiance		20mV MAX, 1mA (DC or 1000Hz).					АЛ.				Х	
Insulation resistance		500 V DC.				1000 MΩ	MIN.				Х	-
Voltage proof		1500 V AC for 1 min.				No flasho	ver or break	kdown.			Х	_
	al characte											
Mechanical o	peration	50 times insertion and extraction.				_		: 20 m Ω MAX			Х	-
Vibration		Frequency 10 to 55 Hz, single amplitude				 ②No damage, crack or looseness of parts. ①No electrical discontinuity of 1 µ s. 					Х	-
		0.75 mm, at 10 cycles for 3 direction.				②No damage, crack or looseness of parts.					^	
Shock		490 m/s ² duration of pulse 11 ms at 3 times each for 3 both				①No electrical discontinuity of 1 μ s.					Х	-
		axial directi	ons.			2 No dam	nage, crack c	or looseness of p	arts.			
Environme	ntal charac	teristics										
Damp heat		Exposed at 40 ± 2°C , 90 to 95 %, 96 h.				(1) Contact resistance: 20 m Ω MAX.					Х	-
(Steady state)		(After leaving the room temperature for				(2)Insulation resistance: 500 M Ω MIN.						
Rapid change of temperature		1-2h.) Temperature -55°C→ +85°C				③No damage, crack or looseness of parts. ①Contact resistance: 20 m Ω					Х	
		Time $30 \text{min} \rightarrow 30 \text{min}$				2 Insulation resistance: 1000 M Ω MIN.					^	-
		Under 5 cyc	cles.			-		r looseness of p				
Posistance to		(The transferring time of the tank is 2-3 min)									n	
		(After leaving the room temperature for 1-2h.)				N. J. f						
Resistance to Soldering heat		1) Automatic soldering (Flow) Soldered at solder temperature,				No deformation of case of excessive looseness of the terminals.					х	_
		260°c for in immersion, duration, 10 s.										
		2)Manual s										
			g iron temperature :	:300°C,								
			g time :3s. gth on contact.									
Solderability		Soldered at solder temperature,				A new uniform coating of solder shall cover						
		245°c for in immersion, duration, 5 s.				minimum of 95 % of the surface being immersed.					Х	-
Note 1: Incluc Note 2: No cc	le the tempera	ature rising	by current.									
		on of lona te	erm storage for un	used products b	efore mou	inted on I	PCB.					
After m	nounted on PC	B board, o	perating temperat	ure and humidity	range is	applied for	or interim :	storage during	g transp	ortation.		
Count		Decorioti	on of revisions		Desia	ned	<u> </u>	Char	kod		D-	ato
					Designed KUMAZAWA		Checked			Date 18. 09. 20		
Remarks		013-n-00004228 15. KUM			Approved		SZ. ONO H HS. OKAWA			18.0		
						⊢	Checked			10	18.0	
					Designed		TS. FUKUSHIMA TS. KUMAZAWA					
Unless otherv	vise specified.	refer to IE	fer to IEC 60512.			-			KUMAZAWA 18.01.29 KUMAZAWA 18.01.29			
				licable Toot								
Note QT:Qualification Test AT:Assurance Test			urance rest X:App			Drawing no.		ELU	ELC-374389-01-00			
		Specification sheet			Part	no.		DF63M-2P-7.92DS(01)				
ЪС		Specii	ication snee	FL		1						
RS		•	electric co., It		Code			80-0583-			\wedge	1/1