Applicable	e standard										-		
Rating	Operating temperature range		-55 °C to	+105°C (No	te1)		Contact	AWG16	AWG18	AWG 20	D AV	/G 22	
Raung	Operating humidity range Storage temperature range		20% to 80% (Note2) -10 °C to +60°C (Note3)		ote2) C	Current	1	15A 14A	13A 12A	11A 10A		9A 8A	
					lote3)								
	Storage humidi	ty range	40% to 70% (Note3)		ote3)		3	12A	10A	8A		7A	
	Applicable connector		DF63-*S-3.96C					1					
	Voltage		AC/E	DC 630V									
			Rated Voltage Rated Current			Overvoltage Category IP-Degree					e		
UL,C-UL TUV					above above	 п							
					ications	_	ш						
11	tem		Test met				Pa	quiremen	te		QT	A	
Constructi			16511161	nou			i ne	quitemen	15		QI		
General examination		Visually and by measuring instrument.			/	According to drawing.					Х)	
Marking		Confirmed visually.									Х)	
	characterist	ics											
Contact resistance		20mV MAX, 1mA (DC or 1000Hz).				10 mΩ M/	AX.				Х	-	
Insulation resistance		500 V DC.				1000 MΩ MIN.				Х	-		
Voltage proof		1500 V AC for 1 min.				No flasho	ver or break	down.			Х	-	
	cal charact	eristics											
Mechanical operation		50 times insertion and extraction.				$\widehat{\mathbb{O}}$ Contact resistance: 20 m Ω MAX. $\widehat{\mathbb{O}}$ No damage, crack or looseness of parts.					Х	-	
Vibration		Frequency 10 to 55 Hz, single amplitude 0.75 mm, at 10 cycles for 3 direction.				①No electrical discontinuity of 1 μ s. ②No damage, crack or looseness of parts.				Х	-		
		490 m/s ² duration of pulse 11 ms at 3 times each for 3 both axial directions.				(1)No electrical discontinuity of 1 μ s. (2)No damage, crack or looseness of parts.				Х	-		
Environme	ental charac	teristics				-							
Damp heat (Steady state)		Exposed at 40 \pm 2°C , 90 to 95 %, 96 h.				-	t resistance:				Х	-	
		(After leaving the room temperature for 1-2h.)				(2) Insulation resistance: 500 M Ω MIN. (3) No damage, crack or looseness of parts.							
Rapid change of temperature		Temperature -55°C→ +85°C				(1)Contact resistance: 20 m Ω MAX.					Х	-	
		Time 30 Under 5 cycles.	min→ 30min			-	ion resistar nage, cracł			e			
		-	ng time of the tank	is 2 to 3 min		Uno dai	nage, craci	011003611		5.			
Resistance to			e room temperature	for 1 to 2h.)		Such on i	monoired fu	action no	deformation	o of acco			
soldering heat 2		1)Solder bath method Soldered at solder temperature				Such as impaired function ,no deformation of case of excessive looseness of the terminals.					Х	-	
		260°c for in 2)Manual sold	immersing duration	on 10s.									
		,	on temperature :3	00°C									
		Soldering tin											
			No strength on contact. Soldered at solder temperature				A new uniform coating of solder shall cover						
		245°c for in im	mersing duration	5 s.		minimum	of 95 % of	the surfac	e being im	mersed.	Х	-	
Remarks Note 1: Include	e the temperature	e rising by currer	ıt.										
Note 2: No cor Note 3: Apply		of long term stora	ge for unused pro	ducts before i	mounted on PCE	B.							
			and humidity range				ansportation						
Coun	t	Description of	of revisions		Desigr	ned		Ch	ecked		Date		
^		DIS-H-00				OMATSU		SZ. ONO		20191008			
<i>′</i> 2∖ 2	Unless otherwise specified, refer to I						Approved			20180130			
							Checked	TS	S. FUKUSHI	/A	2018	013	
							Designed		S. KUMAZAW		2018		
							Description	т т	o 1/1 11 1 7 1 11	٨	0010	013	
Jnless othe							Drawn		S. KUMAZAW		2018		
Jnless othe	Qualification Tes	st AT:Assurar	nce Test X:Appli	cable Test		Drawing	no.	EL	_C-378	594-0	1–00		
Jnless othe	Qualification Tes	Specifica	nce Test X:Appli ation sheet actric co., Itd		D Part r	-	no.	EL	_C-378 P-3.96	594-0	1-00		