	Oneration									
	e standard Operating Temperature range Operating Humidity range Applicable Connector Applicable contact Voltage		-40 °C to +105°C (Note1) Temp 20% to 80% (Note2) Stora DF65-3S-1.7C UL Ra DF65-2428SCF(**) 1 50 V AC/DC C-UL			age idity range		-10 °C to +60°C (Note3)		
Rating					Storage Humidity rang UL Rating			40% to 70% (No		
						Voltage Current	_	AC 50 V 24 AWG : 5	. Δ	
					$\underline{1}$			26-28 AWG : 4 A		
					C-UL Rating	•	AC 50 V			
Current		24 AWG : 4 A 26 AWG : 2.5 A 28 AWG : 2.5 A				Current 24 AWG : 5 A 26-28 AWG : 3.3 A				
			Spe	ecificati	ons	•				
lt	em		Test method				Requir	ements	QT	AT
Constructi	on				•					
General examination		Visually and by measuring instrument.			Accord	According to drawing.				Х
Marking		Confirmed	l visually.						Х	Х
Electric c	haracterist									
Contact Resistance		20mV MAX, 1mA(DC or 1000Hz).			10mΩ	10mΩ MAX.				-
millivolt level method Insulation resistance		100 V DC.			100 M	100 MΩ MIN.				_
Voltage proof		500 V AC for 1 min.				100 MΩ MIN. No flashover or breakdown.				+-
	al charact				ino nas		JUGANU	own.	Х	
			nsertion and extraction		(1) Corr	tact register	ance: (X	_
Mechanical operation		30 times insertion and extraction.			②No c	①Contact resistance: 20mΩ MAX. ②No damage, crack or looseness of parts.				
Vibration		Frequency 10 to 55 Hz, single amplitude 0.75 mm, at 10 cycles for 3 direction.			②No c	①No electrical discontinuity of 1µs.②No damage, crack or looseness of parts.				-
Shock		490 m/s ² duration of pulse 11 ms at 3 times each for 3 both axial directions.			for				X	-
	ental charac									
Damp heat		Exposed at $40 \pm 2^{\circ}$ C , 90 to 95 %, 96 h.				①Contact resistance: 20mΩ MAX. X –				
(Steady state)		(After leaving the room temperature for 1 - 2h.) Temperature -55°C \rightarrow +85°C			-	(2)Insulation resistance: 100 M Ω MIN. (3)No damage, crack or looseness of parts.				
Rapid change of temperature		Time 30min→ 30min Under 5 cycles.							X	-
		(The transferring time of the tank is 2 - 3 min) (After leaving the room temperature for 1 - 2h.)				-			X	
Resistance to soldering heat		1) Reflow soldering ≪Reflow time≫				No deformation of case of excessive looseness of the terminals.				-
		Number of reflow cycles : 2 cycles max. Duration above 220°C, 60sec. max. Peak temperature : 250°C 10 sec. max. ≪Pre-heat time≫ Pre-heat temperature(min) : 150°C Pre-heat temperature(max) : 180°C Pre-heat time(min) : 90 sec.								
			at time(max) : 120 sec.							
		2) Manual soldering Soldering iron tempreture: 350±10°C,								
			ng time: 3s	,						
		No strength on contact.								
Solderability		Soldered at solder temperature, 245° C for in immersion, duration, 5s					-	of solder shall	Х	-
		245°C for in immersion, duration, 5s.				cover minimum of 95% of the surface being immersed.				
Note 1: Include	e the temperatur	e rising by cu	irrent.		201191				1	-
	to the condition of	-	storage for unused products be							
1		-	are and humidity range are app	1						ate
Count	ι 	•	on of revisions			5				
<u>/1</u> 2 Remarks		DIS-H-00004782 SN. N			SN. MIWA	Ann	od			90416
Comaino						Approve		KI. AKIYAMA		31220
						Checked Designed		OM. MIYAMOTO	201312 201312	
Unless othe	erwise specif	ed, refer to IEC 60512.				Designe		TT. OHSAKO TT. OHSAKO		31220
								51220		
	ualification Te				Drawin			ELU4-35145	2-01	
		•			Devit			GE 2D 1 71/01	1	
Note QT:Q		•	ication sheet ECTRIC CO., LTD.		Part No. Code No.			65–3P–1. 7V (21 ∙6004–5–21)	1/1