	le standar	d										
	Operating Temperature Range Operating Humidity Range		-55 to +105°C (Note1) Stora			ge Temperature Range			-10 °C to +60°C (-10 °C to +60°C (Note3)		
Rating			20% to 80% (Note2)	2)	Storage	ge Humidity Range			40% to 70% (Note3	3)	
	Applicable	Connector	DF51%-24DS-2C(##	#)	Current				AWG 24 : 2.0.			
									AWG 26 : 1.5			
	Applicable Contact		DF11-EP2428PC(A)/PC	CF(A)	UL · C-	1.11	Voltage		AWG 28 : 1.0			
					Rating	UL			30 V AC/D			
	Voltage		250 V AC/DC		Ű	Current AWG 24 to 2			AWG 24 to 28 :	1.0A		
			Specifi	catio	ons							
	Item		Test method				R	equire	ements	QT	A٦	
Construe	ction											
General E	xamination	Visually and by	measuring instrument.		A	ccordi	ng to drav	wing.		Х	X	
Marking	<u>.</u>	Confirmed visu	ally.							Х	Х	
	Characteris									V	1	
Insulation Resistance			500 V DC.			1000 MΩ MIN.				X X		
Voltage Proof Mechanical Characteris			650 V AC for 1 min.				No flashover or breakdown.					
	al Operation		on and extraction.		IN	o dam		korl	coseness of parts. 3	Х	I	
(Sn Plating	•					u uan	lage, clac			^		
Mechanical Operation (Au Plating)		50 times inserti	50 times insertion and extraction.				X					
Mating and unmating		It takes out and	It takes out and inserts with a conformity connector.				1.Insertion Force : 104.2N MAX. X					
Force	~)		, · · ·				ction Forc	e: 6	5.2N MIN.			
(Sn Plating Mating and		It takes out and	It takes out and inserts with a conformity connector.				1.Insertion Force : 67.7N MAX.					
Mating and unmating Force						1.Insertion Force :67.7N MAX.X2.Extraction Force :6.0N MIN.						
(Au Plating)												
Vibration			Frequency 10 to 55 Hz, single amplitude 0.75 mm, at 10 cycles for 3 direction.				No damage, crack or looseness of parts. <u>A</u> X – X –					
Shock			Acceleration 490 m/s ² duration of pulse 11 ms at 3									
Contact extraction force			times for 3 directions. Pull out the cable after housing fixation.			11.8N MIN				Х	_	
		racteristics	le alter housing hation.			1.011	VIIIN					
Damp Heat			Exposed at 40 \pm 2°C , humidity 90 to 95 %, 96 h.				ation resis	tance	: 500 MΩ MIN. 🖄	Х	-	
(Steady State)		(After leaving th	(After leaving the room temperature for 1 to 2h.)			2.No damage, crack or looseness of parts.						
Rapid Change Of			Temperature -55°C→ +105°C			1.Insulation resistance: 1000 M Ω MIN. 3				Х	_	
Temperatu	ure	Time Under 5 Cycles	30min→ 30min		2.	.No da	amage, cra	ack oi	looseness of parts.			
			ng time of the tank is 2 to	3 MIN)								
		(After leaving th	(After leaving the room temperature for 1 to 2h.)									
Dry Heat			Exposed at $105\pm2^{\circ}$ C, 96h							Х		
Cold Remarks		Exposed at	Exposed at -55±3°C, 96h							Х	-	
Note 1:Inc Note 2:No	condensing ply to the con		ent. rage for unused products erature and humidity range				storage du	ıring t	ransportation.			
Afte	OUNT	DESCRIPTION O	FREVISIONS		DESIGN	IED			CHECKED	D	ATE	
Afte	OUNT 6	DESCRIPTION O			DESIGN TS. MIYA				CHECKED SZ. 0N0			
Afte						\KI	APPROV	ED		201	901	
Afte						\KI	APPROV		SZ. ONO	201 201	901 6060	
Afte						\KI		ED	SZ. ONO HS. OKAWA	201 201 201	.901 606 606	
Afte	6		004577			\KI	CHECKE	ED	SZ. ONO HS. OKAWA YN. TAKASHITA TT. OHSAKO	201 201 201 201	901 6060 6060 6060	
Afte	6 erwise specif	DIS-H-000	2.		TS. MIYA	AKI	CHECKE DESIGN DRAWI	ED	SZ. ONO HS. OKAWA YN. TAKASHITA TT. OHSAKO TT. OHSAKO	201 201 201 201 201 201	901 6060 6060 6060	
Afte	6 nerwise specif	DIS-H-000 fied, refer to IEC 6051 Test AT:Assurance	2. Test X:Applicable Test			AKI	CHECKE DESIGN DRAWI	ED ED	SZ. 0N0 HS. 0KAWA YN. TAKASHITA TT. 0HSAK0 TT. 0HSAK0 ELC-366292-0	201 201 201 201 201 201	9011 6060 6060 6060	
Afte	6 nerwise specif	DIS-H-000	2. Test X:Applicable Test	PA	TS. MIYA	AKI /ING	CHECKE DESIGN DRAWI	ED ED	SZ. ONO HS. OKAWA YN. TAKASHITA TT. OHSAKO TT. OHSAKO	201 201 201 201 201 201	ATE 9011 6060 6060 6060 6060 0	