	Operating	۵		Storage	temperature				
Rating	Operating temperature range Operating Humidity range Applicable connector		-55 °C to +105°C (Note1)		nge		o +60°c	0°c (Note3)	
			20% to 80% (Note2)	Storage Humidity ran	ge	40% 1	io 70%	70% (Note3)	
			DF63-*S-3.96C	Voltage		AC/DC 630V			
			UL1007 AWG #20 to 22	Current		AWG#20 : 11 A/pin AWG#22 : 9 A/pin			
			Specific	ations		7.000		(piii	
I	tem		Test method		Re	equirements		QT	ļ
Construct	ion	-							_
General examination		Visually a	nd by measuring instrument.	Accor	According to drawing.			Х	
Marking		Confirmed	l visually.					Х	
Electric o	characteris	tics		I					
Contact resi	stance	20mV MAX	1ma (DC or 1000Hz).	10 mΩ	MAX.			Х	
Mechani	cal charact	eristics							_
Contact inse	ertion		.002 mm by steel gauge.			10 N MAX.			Τ
And extraction Forces					Extraction force 0.3 N MIN. X				
Mechanical operation		30 times insertion and extraction.			①Contact resistance: 20 mΩ MAX. X				
Vibration		Frequency 10 to 55 Hz, single amplitude			②No damage, crack or looseness of parts. ①No electrical discontinuity of 1 μ s. X				
		0.75 mm, at 10 cycles for 3 direction.				or looseness of particular particular for the second seco	rts.	^	
Shock		490 m/s ² duration of pulse 11 ms at 3 times each for 3 both axial directions.			1 .			Х	
Environm	ental charad			I				I	
			xposed at 40 \pm 2°C , 90 to 95 %, 96 h. After leaving the room temperature for 1 to 2h.)		①Contact resistance: 20 mΩ MAX. ②No damage, crack or looseness of parts.		Х		
(steady state) Rapid change of temperature		Temperature -55°C \rightarrow +85°C			amage, crack o		ns.		
	of temperature	Temperatur	e -55°C→ +85°C					X	Τ.
	of temperature	Time	30min→ 30min					Х	
	of temperature	Time Under 5 cyc	30min→ 30min					Х	
Rapid change Remarks Note 1: Includ Note 2: No co	ing the temperati	Time Under 5 cyc (the transfe (after leaving ure rising by c	30min→ 30min es. erring time of the tank is 2 to 3 min) g the room temperature for 1 to 2h.) urrent.					X	
Rapid change Remarks Note 1: Includ Note 2: No co	ing the temperati	Time Under 5 cyc (the transfe (after leaving ure rising by c	30min→ 30min es. erring time of the tank is 2 to 3 min) g the room temperature for 1 to 2h.) urrent.					X	
Rapid change Remarks Note 1: Includ Note 2: No co	ing the temperate	Time Under 5 cyc (the transfi (after leaving ure rising by c ct on package	30min→ 30min les. erring time of the tank is 2 to 3 min) g the room temperature for 1 to 2h.) urrent. ed condition.	Designed		Checked	1	Da	
Rapid change Remarks lote 1: Includ lote 2: No co lote 3: Apply	ing the temperate ndensing to unused produ	Time Under 5 cyc (the transfi (after leaving ure rising by c ct on package Descriptic	30min→ 30min des. erring time of the tank is 2 to 3 min) g the room temperature for 1 to 2h.) urrent. ed condition. on of revisions -00009798		Approved	Checked SZ. 0N0		Da 2021	
Remarks Note 1: Includ Note 2: No co Note 3: Apply	ing the temperate ndensing to unused produ	Time Under 5 cyc (the transfi (after leaving ure rising by c ct on package Descriptic	30min→ 30min les. erring time of the tank is 2 to 3 min) g the room temperature for 1 to 2h.) urrent. ed condition.	Designed	Approved	Checked SZ. 0N0	MURA	Da	106 105
Remarks Note 1: Includ Note 2: No co Note 3: Apply	ing the temperate ndensing to unused produ	Time Under 5 cyc (the transfi (after leaving ure rising by c ct on package Descriptic	30min→ 30min des. erring time of the tank is 2 to 3 min) g the room temperature for 1 to 2h.) urrent. ed condition. on of revisions -00009798	Designed	-	Checked SZ. 0N0 SJ. 0KA SZ. 0	MURA	Da 2021 2021	106 105 105
emarks lote 1: Includ lote 2: No co lote 3: Apply	ing the temperate ndensing to unused produ	Time Under 5 cyc (the transfi (after leaving ure rising by c ct on package Descriptic	30min→ 30min des. erring time of the tank is 2 to 3 min) g the room temperature for 1 to 2h.) urrent. ed condition. on of revisions -00009798	Designed	Checked	Checked SZ. 0N0 SJ. 0KA SZ. 0	MURA DNO Azawa	Da 2021 2021	106 105 105
tapid change temarks lote 1: Includ lote 2: No co lote 3: Apply Lote 3: Apply Lote 3: Apply Jnless oth	ing the temperatundensing to unused produ- to unused prod	Time Under 5 cyc (the transfi (after leaving ure rising by c ct on package Descriptic DIS-H fied, refer t	30min→ 30min des. erring time of the tank is 2 to 3 min) g the room temperature for 1 to 2h.) urrent. ed condition. on of revisions -00009798	Designed	Checked Designed Drawn	Checked SZ. 0N0 SJ. 0KA SZ. C SZ. SZ. C SZ. SZ. C SZ. SZ. SZ. SZ. SZ. SZ. SZ. SZ. SZ. SZ.	MURA DNO Azawa	Da 2021 2021 2021 2021 2021	106 105 105 105
Remarks Note 1: Includ Note 2: No co Note 3: Apply	ing the temperatundensing to unused produ- to unused prod	Time Under 5 cyc (the transfe (after leaving ure rising by c ct on package Description DIS-H fied, refer t	30min→ 30min des. erring time of the tank is 2 to 3 min) g the room temperature for 1 to 2h.) urrent. ad condition. bn of revisions -00009798 o IEC 60512.	Designed TS. KUMAZAWA	Checked Designed Drawn	Checked SZ. 0N0 SJ. 0KA SZ. C SZ. SZ. C SZ. SZ. C SZ. SZ. SZ. SZ. SZ. SZ. SZ. SZ. SZ. SZ.	MURA INO AZAWA AZAWA 93066-	Da 2021 2021 2021 2021 2021	106 105 105 105