APPLICA	BLE STAN	DARD								
OPERATING TEMPERATUR		F RANGE	-35 °C TO +85°C (NOTE1)		STORAG		MPERATURE	-10 °C TO +60°C (NOTE)
RATING	OPERATING HUMIDITY RANGE		20% TO 80% (NOTE2)		STORAG			40% TO 70% (NO		3)
VOLTAGE		NGE	50 V AC/DC	· C	UL	_	DLTAGE	29 V AC/DC		
	CURRENT		AWG 28 : 1.5A AWG 30 : 1.0A AWG 32 : 0.8A AWG 34 : 0.5A		C-UL RATING		JRRENT 2.5A			
	APPLICABLE CONNECTOR		DF57H-4S-1.2C(#	##)		TE	PERATING MPERATURE INGE	-35 °C TO +75°C	(NOTE	E1)
SPECIFICATIONS										
ITEM			TEST METHOD			REQUIREMENTS			QT	AT
CONSTRUCTION GENERAL EXAMINATION VISUALL			Y AND BY MEASURING INSTRUMENT.			ACCORDING TO DRAWING.				X
MARKING CONFIR			MED VISUALLY.							X
ELECTR	IC CHARA	CTERI	STICS		1					
CONTACT F	RESISTANCE EVEL METHOD	20mV MAX, 1mA (DC or 1000Hz).			10	10 mΩ MAX.				-
	RESISTANCE	100 V DC.			100	100 MΩ MIN.				
VOLTAGE PROOF 500 V			00 V AC FOR 1 min.			NO FLASHOVER OR BREAKDOWN.				1-
VOLTAGE PROOF 500 V AC FOR 1 min. NO FLASHOVER OR BREAKDOWN. X MECHANICAL CHARACTERISTICS										
MECHANIC. OPERATION		30 TIMES INSERTION AND EXTRACTION.				①CONTACT RESISTANCE: 20 mΩ MAX. ②NO DAMAGE, CRACK OR LOOSENESS OF PARTS.				-
			TAKES OUT AND INSERTS WITH A CONFORMITY NNECTOR.			①INSERTION FORCE : 24.0N MAX. ②EXTRACTION FORCE: 1.2N MIN.			Х	-
		FREQUENCY 10 TO 55 Hz, SINGLE AMPLITUDE 0.75 mm, AT 10 CYCLES FOR 3 DIRECTION.				$\widehat{\mathbb{ T}}$ NO ELECTRICAL DISCONTINUITY OF 1 μ s.				1 –
SHOCK 490		490 m/s ² [0.75 MM, AT 10 CYCLES FOR 3 DIRECTION. 490 m/s² DURATION OF PULSE 11 ms AT 3 TIMES F DIRECTIONS.			2NO DAMAGE, CRACK OR LOOSENESS OF PARTS. X				
ENVIRO	NMENTAL	•	ACTERISTICS							
DAMP HEAT EX		EXPOSED AT 40 \pm 2°C , 90 TO 95 %, 96 h. (AFTER LEAVING THE ROOM TEMPERATURE FOR 1-2h			1-2h.)	\bigcirc CONTACT RESISTANCE: $20 \text{ m}\Omega$ MAX. \bigcirc INSULATION RESISTANCE: $100 \text{ M}\Omega$ MIN. \bigcirc NO DAMAGE, CRACK OR LOOSENESS OF PARTS.				T -
RAPID CHANGE OF TEMPERATURE		TEMPERATURE -55°C→ +85°C TIME 30min→ 30min UNDER 5 CYCLES. (THE TRANSFERRING TIME OF THE TANK IS 2-3 min) (AFTER LEAVING THE ROOM TEMPERATURE FOR 1-2h.)			n) 1-2h.)	\bigcirc CONTACT RESISTANCE: $20~\text{m}\Omega$ MAX. \bigcirc INSULATION RESISTANCE: $100~\text{M}\Omega$ MIN. \bigcirc NO DAMAGE, CRACK OR LOOSENESS OF PARTS.			X	-
RESISTANCE TO SOLDERING HEAT		1) REFLOW SOLDERING «REFLOW TIME» NUMBER OF REFLOW CYCLES: 2 CYCLES MAX. DURATION ABOVE 220 °C, 60 sec. 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. PRE-HEAT TIME(MAX): 120 sec. 2) MANUAL SOLDERING SOLDERING IRON TEMPERATURE:350±10°C, SOLDERING TIME: 3sec. NO STRENGTH ON CONTACT.			EX	NO DEFORMATION OF CASE OF EXCESSIVE LOOSENESS OF THE TERMINALS.				
SOLDERABILITY			SOLDERING TEMPERATURE : 245°C DURATION OF IMMERSION :SOLDERING, FOR 5 s			NEW UNIFORM COATING OF SOLDER SHALL COVER MINIMUM OF 95 % OF THE SURFACE BEING IMMERSED.				
NOTE2:NO C NOTE3:APPL	ONDENSING Y TO THE CONE	DITION OF I	RISING BY CURRENT. LONG TERM STORAGE FOR L ID HUMIDITY RANGE IS APPLI						 D,	
COUN					DESIGNE				DA	λΤΕ
1		DIS	5-H-008827	М	I.SAKIMU	JRA		TS. FUKUSHIMA	14. (07. 07
REMARKS						_	APPROVED	KI. AKIYAMA	12. (03. 19
			to IEC 60512.				CHECKED	HK. UMEHARA	+	03. 19
Unless oth	erwise specif	ied, refer				-	DESIGNED	TS. KUMAZAWA)3. 19
·						DRAWN			TS. KUMAZAWA 12. 03	
<u> </u>		urance Test X:Applicable Te				G NO. ELC4-343906-				
H \(\mathbf{T}\)		SPECIFICATION SHEET HIROSE ELECTRIC CO., LTD.			PART NO		DF57H-4P-1. 2V (21)		_	1/1
FORM HIDOO11		OOL ELECTRIC CO., LID.		C	CODE NO.		CL666-0106-2-21		<u> </u>	1/1