APPLICA	BLE STAN	DARD										
OPERATING TEMPERATUR		E RANGE	-35 °C TO +85°C (NOTE1) 20% TO 80% (NOTE2) DF57H-3S-1.2C(##)		STORAG TEMPER		TURE RANGE		-10 °C TO +60°C (No	OTE3)		
RATING	OPERATING HUMIDITY RANGE APPLICABLE CONNECTOR				STORAG	GE TY RANGE OPERATING TEMPERATURE			40% TO 70% (NO		<u> </u>	
					UL· C-UL RATING			E				
	APPLICABLE CONTACT		DF57-****SCF(##)		_	VOL	TAGE		29 V AC/D0)		
	VOLTAGE CURRENT		50 V AC/DC AWG28 : 2.0A/PIN AWG30 : 1.5A/PIN AWG32 : 1.0A/PIN AWG34 : 0.8A/PIN		2	CUF	RRENT AWG28 : 2.0A/PIN AWG30 : 1.5A/PIN AWG32 : 1.2A/PIN AWG34 : 1.0A/PIN					
			SPECI	IFICA	JION	IS						
רו	EM	TEST METHOD				REQUIREMENTS					AT	
CONSTR		T			1.					X		
GENERAL EXAMINATION MARKING		VISUALLY AND BY MEASURING INSTRUMENT. CONFIRMED VISUALLY.			A	ACCORDING TO DRAWING.					X	
ELECTRIC CHARA												
CONTACT RESISTANCE		20mV MAX, 1mA (DC or 1000Hz).					10 mΩ MAX.					
MILLIVOLT LEVEL METHOD INSULATION RESISTANCE		100 V DC.				100 MΩ MIN.				X	_	
	VOLTAGE PROOF		500 V AC FOR 1 min.				NO FLASHOVER OR BREAKDOWN.				+-	
	IICAL CHA	RACTE	ERISTICS		1					X		
MECHANICA OPERATION	AL	30 TIMES INSERTION AND EXTRACTION.				1)CONTACT RESISTANCE: 20 mΩ MAX.				X	-	
CONTACT I		IT TAKES OUT AND INSERTS WITH A CONFORMITY				2)NO DAMAGE, CRACK OR LOOSENESS OF PARTS. 1)INSERTION FORCE : 20.0N MAX.				. X	_	
AND EXTRAC	TION FORCES	CONNECTOR. FREQUENCY 10 TO 55 Hz, SINGLE AMPLITUDE				2)EXTRACTION FORCE: 0.9N MIN. 1)NO ELECTRICAL DISCONTINUITY OF 1 μ s. 2)NO DAMAGE, CRACK OR LOOSENESS OF PARTS.					+_	
		0.75 mm, AT 10 CYCLES FOR 3 DIRECTION.								. 🗀		
Į.		490 m/s ² DURATION OF PULSE 11 ms AT 3 TIMES FOR 3 DIRECTIONS.								X	_	
ENVIRON DAMP HEAT	IMENTAL C		TERISTICS	2.6	14	\00N	TAOT DE	OLOTA	NOT OF THE		_	
(STEADY STATE)		EXPOSED AT 40 \pm 2°C , 90 TO 95 %, 96 h. (AFTER LEAVING THE ROOM TEMPERATURE FOR 1-2h.)			R 1-2h.) 2	1)CONTACT RESISTANCE: $20~m\Omega$ MAX. 2)INSULATION RESISTANCE: $100~M_\Omega$ MIN. 3)NO DAMAGE, CRACK OR LOOSENESS OF PARTS.						
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.)				1)CONTACT RESISTANCE: $20~\text{m}\Omega$ MAX. 2)INSULATION RESISTANCE: $100~\text{M}\Omega$ MIN. 3)NO DAMAGE, CRACK OR LOOSENESS OF PARTS.					_	
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.			N E	NO DEFORMATION OF CASE OF EXCESSIVE LOOSENESS OF THE TERMINALS.				X	_	
			SOLDERING TEMPERATURE : 245°C DURATION OF IMMERSION :SOLDERING, FOR 5 sec.			NEW UNIFORM COATING OF SOLDER SHALL COVER MINIMUM OF 95 % OF THE SURFACE BEING IMMERSED.				Х	_	
NOTE2:NO CO NOTE3:APPL	ONDENSING. Y TO THE CONE	DITION OF L	RISING BY CURRENT. LONG TERM STORAGE FOR UP D HUMIDITY RANGE IS APPLIE							D ON P	CB,	
COUN	T DE	ESCRIPTION OF REVISIONS DES		DESIGN	GNED CHECKED				D/	ATE		
1		DIS-H-00005763 HK. I			HK. HAYA			ı	SZ. ONO		00220	
REMARKS							APPROV		KI. AKIYAMA		20221	
							DESIGN		HK. UMEHARA TS. KUMAZAWA		20221 20220	
Unless otherwise specified, refer			r to IEC 60512.			DRAWN			TS. KUMAZAWA	20120220		
Note QT:Q	ualification Te	st AT:As	surance Test X:Applicable Test [RAWING NO.			ELC-343905-21-01		1	
HS SPEC			CATION SHEET	PART NO.			DF57H-3P-1. 2V (21)					
		OSE EI	ECTRIC CO., LTD.		CODE N	<u></u> ۷٥.	CL666		0105-0-21	A	1/1	
FORM UD0011 0 1												