APPLICA	BLE STAN	DARD								
OPERATING		E DANIGE	-35 °C TO +85 °C(N	INTE1)	STORAG		05	-10 °C TO +60 °C(N		
RATING	TEMPERATURE RANGE OPERATING		40% TO 80% (NOTE2)		TEMPERATURE		GE	40% TO 70% (NOTE3)		
	HUMIDITY RANGE		10% 10 00% (NOTE2)			Y RANGE				
	VOLTAGE		050 1/ 10			PLICABLE NNECTOR		DF1E-*S-2.5C		
	CURRENT		AWG20 TO 24: 3A AWG26: 2A AWG28: 1A AWG30: 0.5A			VOLTAGE		AC 30V AWG20 TO 22: 3A		
					UL, CSA					
					UL, UUA	CURREN	Т	AWG24 TO 28: 1A		
			SDEC	IFICAT		<u> </u>		AWG30: 0.5	Α	
	EM		TEST METHOD		IONC		RFQU	UREMENTS	QT	АТ
	RUCTION	l	1201 111211102		<u> </u>		· · · · · ·		Ψ.	7
		VISUALL	Y AND BY MEASURING IN	ISTRUMEN	T. ACC	CORDING	TO DF	RAWING.	Х	Х
MARKING		CONFIRM	MED VISUALLY.						Х	Х
ELECTR	IC CHARA	CTERIS	STICS							
CONTACT RE		20 mV M	AX, 1 mA(DC OR 1000 F	Hz).	30 r	mΩ MAX.			Х	_
MILLIVOLT LEVEL METHOD.  INSULATION		500 V DC.			100	1000 MΩ MIN.			\ \ \	
RESISTANCE									Х	
VOLTAGE F	PROOF	650 V A	C FOR 1 min.		NO	FLASHOV	ER O	R BREAKDOWN.	Х	—
MECHAN	IICAL CHA	RACTE	RISTICS		·				•	•
MECHANICAL		50TIMES INSERTIONS AND EXTRACTIONS.				<ol> <li>CONTACT RESISTANCE: 30 mΩ MAX.</li> <li>NO DAMAGE, CRACK OR LOOSENESS OF PARTS.</li> </ol>				
OPERATION										-
VIBRATION							ISCONTINUITY OF 1 μs.			
0110.014		0.75 mm, AT 2 h, FOR 3 DIRECTIONS. 490 m/s <sup>2</sup> DURATION OF PULSE 11 ms AT 3 TIMES			2	② NO DAMAGE, CRACK OR LOOSENESS OF PARTS.			Х	_
SHOCK		FOR 3 DIRECTIONS.							Х	_
ENVIRO	NMENTAL		ACTERISTICS		ı					
RAPID CHA			ATURE -55→ 5 TO 35→+8					STANCE: 30 mΩ MAX.		
TEMPERATURE		TIME $30 \rightarrow 5 \text{ MAX} \rightarrow 30 \rightarrow 5 \text{ MAX}$ min UNDER 5 CYCLES.							X	-
OND			JNDER 3 CTCLES.			NO DAMAG OF PARTS	,	RACK OR LOOSENESS		
(STEADY STATE)  RESISTANCE TO		EXPOSED AT 40 ± 2 °C, 90 TO 95 %, 96 h.				① CONTACT RESISTANCE: $30 \text{ m}\Omega$ MAX.				
		1) AUTOMATIC SOLDERING (FLOW)				<ul> <li>(2) INSULATION RESISTANCE: 500 MΩ MIN.</li> <li>(3) NO DAMAGE, CRACK OR LOOSENESS OF PARTS.</li> <li>NO DEFORMATION OF CASE OF</li> </ul>				_
SOLDERING HEAT		SOLDER TEMPERATURE, 260 °C FOR IMMERSION, DURATION, 10 sec. 2) MANUAL SOLDERING				EXCESSIVE LOOSENESS OF THE TERMINALS.				-
			ERING IRON TEMPERATUR	RE:300 °C	<b>&gt;</b> ,					
			ERING TIME : 3 sec. RENGTH ON CONTACT.							
SOLDERABILITY		SOLDERED AT SOLDER TEMPERATURE,				SOLDER SHALL COVER A MINIMUM OF				
235 °C   REMARKS		235 °C FC	OR INSERTION DURATION, 5 s.			95 % OF THE SURFACE BEING IMMERSED			Х	<u>  -</u>
_		ERATURE F	RISING BY CURRENT.							
NOTE2:NO CO		ITION OF I	ONG TERM STORAGE FOR U	NUSED PRO	DUCTS					
BEFO	RE PCB ON BO	ARD. AFTE	ER PCB BOARD,OPERATING 1	ΓEMPERATU	RE AND					
			OR INTERIM STORAGE DURIN	1				OUEOVED		<b></b>
COUN	II DE	SCRIPTIC	ON OF REVISIONS		DESIGNE	ט		CHECKED	DΑ	TE
Unless otherwise specified, refer to It			EC 60512.			APPROVED KI. AKIYAMA			15. 0	5 20
	•					CHEC		TS. FUKUSHIMA	15. 0	
						DESIGN		TS. KUMAZAWA	15. 0	
						DRA	WN	MI. SAKIMURA	15. 0	
Note QT:Q	ualification Te	lification Test AT:Assurance Test X:Applicable Test			DRAWING NO.			ELC-161951-36-00		
WC.	QI	DECIE!	CATION SHEET		PART NC	).	DF1E-*P-2. 5DS (36)			
HS.			ECTRIC CO., LTD.					· ·	$\Delta$	1/1
	-2-1		,		ODE NO	J.		ULU41	<u>, v</u>	1/ 1