APPLICAE	BLE STANI	DARD									
OPERATING					STORA				10.10 70 00.1	-	
	TEMPERATUR	E RANGE	-55 °C TO 85 °C (1)				RE RAN		-10 °C TO 60 °	C (2)	
RATING	VOLTAGE		125 V AC		RANG	E	HUMIDI	I Y	40 % TO 80	%	
	CURRENT		0.5 A RAI			AGE HUMIDITY IGE 40 % TO 70 %				o (2)	
			SPECIFICATIONS								
ITEM TEST METHOD REQUIREMENTS								DEMENTS	Ιοτ	ΙΔΤ	
CONSTRUCTION		TEST METHOD				REQUIREMENTS QT AT					
		MELIVIT	VISUALLY AND BY MEASURING INSTRUMENT.				DING :	TO DB	AWING.	T ×	×
MARKING		CONFIRMED VISUALLY.				10001	\DIIVG	IO DIV.	AVVING.	×	^
ELECTRIC CHARACT											
CONTACT RESISTANCE		100 mA (DC OR 1000 Hz).					45 mΩ MAX .				
CONTACT RESISTANCE		20 mV MAX, 1 mA(DC OR 1000Hz)								×	<u>-</u>
MILLIVOLT LEVEL METHOD		20 HIV WAY, I HIA(DC OR HUUUHZ)				55 mΩ MAX .				×	_
INSULATION RESISTANCE		250 V DC				100 MΩ MIN.				×	-
VOLTAGE PROOF		300 V AC FOR 1 min.				NO FLASHOVER OR BREAKDOWN.				×	
MECHANICAL CHARACTERISTICS									<u>, </u>		
INSERTION AND MEASURED BY APPLICABLE CONNECTOR. INSERTION FORCE: 45.8 N MAX.									Τ×	Ι_	
WITHDRAWAL FORCES						WITHDRAWAL FORCE: 5.1 N MIN.					
MECHANICAL OPERATION		500 TIMES INSERTIONS AND EXTRACTIONS.				 ① CONTACT RESISTANCE: 55 mΩ MAX. ② NO DAMAGE, CRACK AND LOOSENESS OF PARTS. 				×	-
VIBRATION		FREQUENCY 10 TO 55 Hz,				① NO	ELECT	RICAL	DISCONTINUITY OF	×	-
		AMPLITUDE: 1.52 mm,				1 μ s .					
		AT 2 h FOR 3 DIRECTIONS.				② NO DAMAGE, CRACK AND LOOSENESS					
SHOCK		490 m/s ² , DURATION OF PULSE 11 ms AT 3 TIMES FOR 3 DIRECTIONS.				OF	PARTS.			×	-
ENVIRONI	MENTAL C	HARAC	TERISTICS		<u> </u>						
DAMP HEAT		EXPOSED AT 40±2 °C, 90 ~ 95 %, 96 h.				① COI	NTACT	RESIS	TANCE: 55 mΩ MAX.	×	-
(STEADY STATE)						\bigcirc INSULATION RESISTANCE:100 M Ω MIN.					
RAPID CHANGE OF TEMPERATURE		TIME $30 \to 10 \sim 15 \to 30 \to 10 \sim 15$ min.				③ NO DAMAGE, CRACK AND LOOSENESS X OF PARTS.					-
CORROSION SALT MIST		UNDER 5 CYCLES. EXPOSED IN 5 % SALT WATER SPRAY FOR				① CONTACT RESISTANCE: 55 mΩ MAX.				×	-
HYDROGEN SULPHIDE		48 h. EXPOSED IN 3 PPM FOR 96 h.				② NO HEAVY CORROSION.					-
RESISTANCE TO		(TEST STANDARD: JEIDA 38) 1) SOLDER BATH:SOLDER TEMPERATURE,				NO DEFORMATION OF CASE OF					-
SOLDERING HEAT		260±5°C FOR IMMERSION, DURATION, 10±1s.				EXCESSIVE LOOSENESS OF THE				×	-
		2) SOLDERING IRONS : 360°C FOR 5 s.				TERMINALS.				×	
SOLDERABILITY		SOLDERED AT SOLDER TEMPERATURE,				A NEW UNIFORM COATING OF SOLDER					
		240±3°C, FOR IMMERSION DURATION, 2 s.				SHALL COVER A MINIMUM OF 95 % OF THE SURFACE BEING IMMERSED.					
COUN	T DE	SCRIPTION	ON OF REVISIONS		DESIGN		NED		CHECKED	DATE	
<u>/</u> 0\											
	TEMPERATUR	E RISE INC	ERISE INCLUDED WHEN ENERGIZED. INDICATES A LONG-TERM STORAGE STATE SED PRODUCT BEFORE THE BOARD MOUNTED.			APPROVED CHECKED			HS. OKAWA	07. 0	8 08
	THIS STORAG	E INDICATE							HS. OZAWA	07. 08. 07	
I ON THE UNUSED P			RODUCT BEFORE THE BUARD MOUNTED.			DESIGNED		NED	KY. NAKAMURA	07. 08. 07	
Unless otherwise specified, r			efer to MIL-STD-1344.			DRAWN			TP. MATSUMOTO	07. 08. 07	
Note QT:Qualification Test AT:Assurance Test X:Applicable Test					DR	DRAWING NO. ELC4-083182					
וחכ	SF	PECIFICATION SHEET			PART NO.		FX2C-52S-1. 27DSA (71				
			ECTRIC CO., LTD.		CODE NO.		CL572-2404-5-71 \(\alpha \)			<u> </u>	1/1
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