APPLICAE	BLE STAND	DARD									
	OPERATING				STO	RAGE			40.00 TO 00	00 50	
	TEMPERATURE RANGE		-55 °C TO 85 °C (1)			TEMPERATURE RANGE OPERATING HUMIDITY			-10 °C TO 60 °C ©		
RATING	VOLTAGE		1 40537 40			NGE			40 % TO 80 %		
CURRENT		0.5 A RANG				AGE HUMIDITY GE 40 % TO 70 %				% (2)	
	•	SPECIFICATION				S					
ITE	 EM	TEST METHOD				REQUIREMENTS				QT	AT
CONSTRU											1
GENERAL EX	XAMINATION	VISUALLY AND BY MEASURING INSTRUMENT.				ACCORDING TO DRAWING.				×	×
MARKING		CONFIRMED VISUALLY.								×	×
ELECTRIC	CHARAC	TERISTICS									
CONTACT R	ESISTANCE	100 mA (DC OR 1000 Hz).				45 m Ω MAX .				×	-
CONTACT RESISTANCE MILLIVOLT LEVEL METHOD		20 mV MAX, 1 mA(DC OR 1000Hz)				55 mΩ MAX.				×	_
	INSULATION		250 V DC				100 MΩ MIN.				-
RESISTANCE		200 // 40 50 D.4 m.								+	-
VOLTAGE PE		300 V AC FOR 1 min.				INO FLA	4SHOVI	EK OR	BREAKDOWN.	×	_
	CAL CHAR			INICATAR	,	livione	TION	2000	00.0 81.84837	1.	
INSERTION AND WITHDRAWAL FORCES		MEASURED BY APPLICABLE CONNECTOR.				INSERTION FORCE: 88.2 N MAX. WITHDRAWAL FORCE: 9.8 N MIN.				×	_
MECHANICAL OPERATION		500 TIMES INSERTIONS AND EXTRACTIONS.				CONTACT RESISTANCE: 55 mΩ MAX. NO DAMAGE, CRACK AND LOOSENESS				×	-
							OF PARTS.				
VIBRATION		FREQUENCY 10 TO 55 Hz,				O NO ELECTRISAL BIOGGITTING IT OF A					-
		AMPLITUDE: 1.52 mm, AT 2 h FOR 3 DIRECTIONS.				1 µs. ② NO DAMAGE, CRACK AND LOOSENESS				.	
SHOCK		490 m/s ² , DURATION OF PULSE 11 ms				OF PARTS.				' ×	
		AT 3 TIMES FOR 3 DIRECTIONS.						-			
ENVIRON	MENTAL C		TERISTICS								
DAMP HEAT						① COI	NTACT	RESIS	STANCE: 55 mΩ MAX.	×	T -
(STEADY STATE)		3, 3, 3, 3, 3, 3, 3, 3, 3, 3, 3, 3, 3, 3				☑ INSULATION RESISTANCE:100 MΩ MIN.					
RAPID CHANGE OF		TEMPERATURE-55→+15∼+35→+85→+15∼+35°C				③ NO DAMAGE, CRACK AND LOOSENESS				×	-
TEMPERATURE		TIME $30 \rightarrow 10 \sim 15 \rightarrow 30 \rightarrow 10 \sim 15$ min.				OF	PARTS.				
CORROSION SALT MIST		UNDER 5 CYCLES. EXPOSED IN 5 % SALT WATER SPRAY FOR				⊕ <u>CO</u> I	NTACT	RESIS	STANCE: 55 mO MAX	×	+_
CORROGION SALT MIST		48 h.				① CONTACT RESISTANCE: 55 mΩ MAX.② NO HEAVY CORROSION.					
HYDROGEN SULPHIDE		EXPOSED IN 3 PPM FOR 96 h.								×	-
DECICE AND E TO		(TEST STANDARD: JEIDA 38)				NO DE	FOD. 14	TION	05.04.05.05		-
RESISTANCE TO SOLDERING HEAT		1) SOLDER BATH:SOLDER TEMPERATURE, 260±5°C FOR IMMERSION,DURATION,10±1s.				NO DEFORMATION OF CASE OF EXCESSIVE LOOSENESS OF THE				×	-
		2) SOLDERING IRONS : 360° FOR 5 s.				TERMINALS.				×	
SOLDERABILITY		*				A NEW UNIFORM COATING OF SOLDER				×	1-
		240±3°C, FOR IMMERSION DURATION, 2 s.				SHALL COVER A MINIMUM OF 95 % OF THE SURFACE BEING IMMERSED.					
											<u></u>
COUN.	ı DE	SCRIPTI	ON OF REVISIONS		DESIG	NED			CHECKED		TE
<u> </u>											
		E RISE INCLUDED WHEN ENERGIZED. : INDICATES A LONG-TERM STORAGE STATE SED PRODUCT BEFORE THE BOARD MOUNTED.			 			HS.OKAWA		0.04	
,,					CHECKED			HS.OZAWA	06.10.0		
						DESIGNED			KY.NAKAMURA	06.10.03	
Unless otherwise specified, re			efer to MIL-STD-1344.				DRA'	WN	SY.KAMIGA	06.1	0.03
Note QT:Qu	ualification Test ⊤	AT:Assurance Test X:Applicable Test			DF	DRAWING NO.			ELC4-083194-21		
HS.			CATION SHEET		PART NO.		FX2C-100S-1. 27DSAL				
	HIR	ROSE ELECTRIC CO., LTD.			CODE NO		. CL572		-2458-4-71	<u></u>	1/1