APPLICAI	BLE STA	NDARD										
	OPERATIN		55 °C TO 95 °	oc (1)	STOR				-10 °C TO 60 °	C (2)		
RATING	TEMPERATURE RANGE				TEMPERAT OPERATING							
	VOLTAGE CURRENT		100 V AC		RANG	_	IMIDITY	_	40 % TO 80 %	<u> </u>		
			0.5 A	STORAGE H RANGE		40 % TO 70 % ⁽²⁾			(2)			
			SPEC	IFICAT	FIONS	 S						
IT	EM		TEST METHOD)			RE	QUI	REMENTS	QT	. A.	
CONSTRU	JCTION	L									_	
GENERAL E	XAMINATIO		LY AND BY MEASURING IN	NSTRUME	NT.	ACCOF	DING TO	DR.	AWING.	×	×	
MARKING			RMED VISUALLY.							×	×	
		CTERISTI							0.114	1		
CONTACT RESISTANCE CONTACT RESISTANCE			100 mA (DC OR 1000 Hz). 20 mV MAX, 1 mA(DC OR 1000Hz)			40 mΩ MAX. 50 mΩ MAX.				×	<u> </u>	
MILLIVOLT LEVEL METHOD		2011111	201110 100012)			SOTISE WAY.						
INSULATION RESISTANCE		250 V D	250 V DC			100 MΩ MIN.				×	-	
VOLTAGE PROOF		300 V A	300 V AC FOR 1 min.			NO FLASHOVER OR BREAKDOWN.					1-	
		RACTERI										
INSERTION AND WITHDRAWAL FORCES			MEASURED BY APPLICABLE CONNECTOR.			INSERTION FORCE: 35.2 N MAX.					-	
MECHANICAL			100 TIMES INSERTIONS AND EXTRACTIONS.			WITHDRAWAL FORCE: 4.0 N MIN. ① CONTACT RESISTANCE: 50 mΩ MAX.				×	+-	
OPERATION		.55 11101	TIMES INSERTIONS AND EXTENDIONS.			② NO DAMAGE, CRACK AND LOOSENESS OF PARTS.						
VIBRATION			FREQUENCY 10 TO 55 Hz,				ELECTRI	CAL	DISCONTINUITY OF	×	T -	
			AMPLITUDE: 1.5 mm, AT 2 h FOR 3 DIRECTIONS.				1 μs.					
SHOCK		490 m/s	490 m/s ² , DURATION OF PULSE 11 ms			② NO DAMAGE, CRACK AND LOOSENESS OF PARTS.					-	
ENI (IDON	NACNITAL		TIMES FOR 3 DIRECT	TIONS.								
DAMP HEAT			TERISTICS	5.0/ 06	h (1 001	ITACT DI	ECIC	TANCE: 50 mΩ MAX.	×	Τ_	
(STEADY ST		LXFOSL	EXPOSED AT 40±2 °C, 90 ~ 95 %, 96 h.			_			SISTANCE:100 MΩ MIN.	^		
RAPID CHANGE OF TEMPERATURE		TIME	TEMPERATURE-55 \rightarrow +15 \sim +35 \rightarrow +85 \rightarrow +15 \sim +35 $^{\circ}$ C TIME 30 \rightarrow MAX 5 \rightarrow 30 \rightarrow MAX 5 min UNDER 5 CYCLES.			③ NO DAMAGE, CRACK AND LOOSENESS OF PARTS.				×	-	
CORROSION SALT MIST			EXPOSED IN 5 % SALT WATER SPRAY FOR			① CONTACT RESISTANCE: 50 mΩ MAX. ② NO HEAVY CORROSION.				×	-	
HYDROGEN SULPHIDE		EXPOSE	EXPOSED IN 3 PPM FOR 96 h. (TEST STANDARD: JEIDA 38)				× X					
RESISTANCE TO			1) REFLOW SOLDERING : 250 °C MAX,			NO DEFORMATION OF CASE OF					+-	
SOLDERING HEAT			: 220 °C MIN,			EXCESSIVE LOOSENESS OF THE						
		3) 601 01	FOR 60 s 2) SOLDERING IRONS : 360 °C,				TERMINALS.					
		2) SOLDI		5 s						×	-	
SOLDERABILITY		240±3°C	SOLDERED AT SOLDER TEMPERATURE, 240±3°C,			A NEW UNIFORM COATING OF SOLDER SHALL COVER A MINIMUM OF 95 % OF				×	†-	
		FOR IMN	IERSION DURATION, 3 s	5.		I ME SU	IKFACE I	BEIN	G IMMERSED.			
COUN	т	DESCRIPTION	ON OF REVISIONS		DESIGN	NED			CHECKED		ATE	
\triangle												
			ATES A LONG-TERM STORAGE STATE			APPROVED CHECKED			HS. OKAWA HT. YAMAGUCHI		08. 07. 23 08. 07. 23	
	FOR THE L	JNUSED PRO[ISED PRODUCT BEFORE THE BOARD MOUNTED.				DESIGN	_	SY. KAMIGA	08. (
Unless otherwise specified,			ied, refer to MIL-STD-1344.			DRAWN			HK. SUNADOR I			
Note QT:Qualification Test AT:Assurance Test X:Applicable Test					DR	DRAWING NO.			ELC4-084980-21			
wc		SPECIFICATION SHEET			PART NO.		FX6-40S-0. 8SV2 (91)					
			OSE ELECTRIC CO., LTD.						-0123-0-91	\wedge	1/	