APPLICA	BLE STANI	DARD									
OPERATING			S 20 TO 25 20 (1)			ORAGE			-10 °C TO 60 °C	^ (2)	
RATING	TEMPERATURE RANGE		-55 °C TO 85 °C ⁽¹⁾		OPERATING			RETURIOL		60 °C (2)	
	VOLTAGE		100 V AC			RANGE STORAGE HUMIDITY			40 % TO 80 %		
	CURRENT					NGE			40 % TO 70 % (2)		
	•		SPEC	IFICA	TIONS	3					
ITEM			TEST METHOD			REQUIREMENTS				QT	AT
CONSTRUCTION											1
GENERAL E	XAMINATION	VISUAL	LY AND BY MEASURING IN	NSTRUME	ENT.	ACCOF	RDING T	O DR	AWING.	×	×
MARKING		CONFIR	MED VISUALLY.							×	×
ELECTRIC	CHARAC	TERISTI	CS								
CONTACT RESISTANCE		,				40 mΩ MAX.				×	_
CONTACT RESISTANCE MILLIVOLT LEVEL METHOD		20 mV MAX, 1 mA(DC OR 1000Hz)				50 mΩ MAX.				×	-
INSULATION		250 V DC				100 M Ω MIN.				×	_
RESISTANCE VOLTAGE PROOF		200 V AC FOR 1 min				NO ELACUOVED OD DDEAKDOWN					
		300 V AC FOR 1 min. ACTERISTICS					NO FLASHOVER OR BREAKDOWN.				
MECHANICA			STICS ES INSERTIONS AND EXT	PACTION	ie L	1 CO	NITACT	DEGIC	2TANCE: 50 mO MAY	×	1
OPERATION		100 TIMES INSERTIONS AND EXTRACTIONS.				① CONTACT RESISTANCE: 50 mΩ MAX. ② NO DAMAGE, CRACK AND LOOSENESS OF PARTS.				×	_
VIBRATION		FREQUENCY 10 TO 55 Hz,				① NO ELECTRICAL DISCONTINUITY OF				×	-
		AMPLITUDE: 1.5 mm,				1 μs.					
SHOCK		AT 2 h FOR 3 DIRECTIONS. 490 m/s ² , DURATION OF PULSE 11 ms				OF PARTS.				×	-
100111			AT 3 TIMES FOR 3 DIRECTIONS.				OF FARTS.				
ENVIRON	MENTAL C	HARAC	TERISTICS								
							NTACT F	RESIS	STANCE: 50 mΩ MAX.	×	_
(STEADY ST						② INSULATION RESISTANCE:100 MΩ MIN.					
RAPID CHAI								E, CF	RACK AND LOOSENESS	×	-
		TIME $30 \rightarrow MAX 5 \rightarrow 30 \rightarrow MAX 5 min$ UNDER 5 CYCLES.				OF	PARTS.				
CORROSION SALT MIST						① CONTACT RESISTANCE: 50 mΩ MAX. ② NO HEAVY CORROSION.				×	-
HYDROGEN SULPHIDE		EXPOSED IN 3 PPM FOR 96 h. (TEST STANDARD: JEIDA 38)								×	-
		1) REFLOW SOLDERING : 250 °C MAX,				NO DEFORMATION OF CASE OF EXCESSIVE LOOSENESS OF THE					-
SOLDERING HEAT		: 220 °C MIN,									
			FOR 60 s 2) SOLDERING IRONS : 360 °C,				TERMINALS.				_
				5 s						×	
SOLDERABILITY		SOLDERED AT SOLDER TEMPERATURE,				A NEW UNIFORM COATING OF SOLDER				×	-
		240 ± 3°C,				SHALL COVER A MINIMUM OF 95 % OF THE SURFACE BEING IMMERSED.					
		FOR IMMERSION DURATION, 3 s.				I HE SI	URFACE	BEIN	NG IMMERSED.		
				1							
COUN	T D	ESCRIPTION	ON OF REVISIONS		DESIGN	NED		CHECKED		DATE	
A DEMARK	TEMPERATE ATTE	DE DISC IN	RISE INCLUDED WHEN ENERGIZED. NDICATES A LONG-TERM STORAGE STATE			1400001			110 01/2011	00.1	20.00
						APPROVE		-	HS.OKAWA		02.22
FOR THE UNUSED PROD			DUCT BEFORE THE BOARD MOUNTED.			DESIGNED			HS.OZAWA	06.02.2	
									TK.YANAGISAWA		
Unless otherwise specified, re			efer to MIL-STD-1344.				DRAV	VN	TK.YANAGISAWA	06.0	02.22
Note QT:Qualification Test AT:Ass			urance Test X:Applicable Test			AWIN	IG NO. ELC4-07131		-22		
HS	S	PECIFICATION SHEET			PART NO.		FX6A-20P-0. 8SV2 (92			2)	
11/2	HIR	OSE EI	SE ELECTRIC CO., LTD.			NO.	CL576-0241-7-92			6	1/1
FORM HD0011-	0 1										