APPLICAE	BLE STAND	ARD										
OPERATING			55°C TO 85°	PC (1)		ORAGE		_	-10 °C TO 60 °C @			
RATING	TEMPERATURE RANGE		-55 °C TO 85 °C (1)		OPER	TEMPERATURE RANGE OPERATING HUMIDITY						
	VOLTAGE				RANG	IGE PRAGE HUMIDITY			40 % TO 80 %			
	CURRENT		0.5 A RAN			GE 60 % RH MAX				2)		
			SPEC	IFICAT	TIONS	S						
ITEM		TEST METHOD				REQUIREMENTS				QT	AT	
CONSTRU												
	XAMINATION		LY AND BY MEASURING IN	NSTRUME	ENT.	ACCOF	RDING T	O DRA	AWING.	×	×	
MARKING			MED VISUALLY.							×	×	
ELECTRIC CHARACT		100 mA (DC OR 1000 Hz).					50 mΩ MAX.				Ι_	
CONTACT RESISTANCE		20 mV MAX, 1 mA(DC OR 1000Hz)				60 mΩ MAX.				×	-	
MILLIVOLT LEVEL METHOD						30 11132 111/000						
INSULATION		250 V DC				100 MΩ MIN.					-	
RESISTANCE VOLTAGE PROOF		300 V AC FOR 1 min.				NO FLASHOVER OR BREAKDOWN.				×	-	
MECHANICAL CHAR								N OR	DILANDOVIII.	_ ^		
MECHANICA			STICS ES INSERTIONS AND EXT	RACTION	IS.	<u> </u>	NTACT 5	SESIS.	TANCE: 60 mΩ MAX.	×	l –	
OPERATION		THE MELITICIDATE EXTRACTIONS.				② NO DAMAGE, CRACK AND LOOSENESS OF PARTS.						
VIBRATION		FREQUENCY 10 TO 55 Hz,				NO ELECTRICAL DISCONTINUITY OF				×	-	
		AMPLITUDE: 1.52mm,				1 μs.						
SHOCK		10 CYCLES IN 3 DIRECTIONS. (1) 490 m/s ² , DURATION OF PULSE 11 ms				© NO DAMAGE, CRACK AND LOOSENESS OF PARTS.				×	-	
		FOR 3 TIMES IN 3 DIRECTIONS.				5,	0.					
ENVIRON	MENTAL CI	HARAC	TERISTICS									
DAMP HEAT		EXPOSED AT $40\pm2^{\circ}\text{C},~90\sim95\%,~96$ hrs.							TANCE: 60 mΩ MAX.	×	-	
(STEADY STATE)		TEMPERATURE 66 . 45 . 45 . 45 . 45				② INSULATION RESISTANCE:100 MΩ MIN.						
RAPID CHANGE OF TEMPERATURE		TEMPERATURE-55 \rightarrow +15 \sim +35 \rightarrow +85 \rightarrow +15 \sim +35 $^{\circ}$ C TIME 30 \rightarrow 2 \sim 3 \rightarrow 30 \rightarrow 2 \sim 3 min 5 CYCLES.					DAMAGI PARTS.	E, CRA	ACK AND LOOSENESS	×	_	
DRY HEAT 🛕		EXPOSED AT 85 °C, 96 h.				① CONTACT RESISTANCE: 60 mΩ MAX. ② NO DAMAGE, CRACK AND LOOSENESS				×	_	
CORROSION SALT MIST		EXPOSED IN 5 % SALT WATER SPRAY FOR 48 hrs.				OF PART ① CONTACT RESISTANCE: 60 mΩ MAX. ② NO HEAVY CORROSION.					_	
SULPHUR DIOXIDE		EXPOSED IN 10 PPM FOR 96 hrs. (TEST STANDARD: JEIDA 39)					112/11	JOHN	001011.	×	_	
RESISTANCE TO		1) REFLOW SOLDERING : 240 °C MAX,				NO DEFORMATION OF CASE OF					-	
SOLDERING HEAT		: 200 °C MIN,				EXCES TERMI		OSEN	NESS OF THE			
		FOR 60 s 2) SOLDERING IRONS : 360 °C,				· FIZIALI	. 47 NEO.			×	 -	
		,	FOR	5 s								
SOLDERABILITY		SOLDERED AT SOLDER TEMPERATURE, 240°C, FOR IMMERSION DURATION, 3 sec.				A NEW UNIFORM COATING OF SOLDER SHALL COVER A MINIMUM OF 95 % OF THE SURFACE BEING IMMERSED.				×	_	
COUN.	T DE	SCRIPTION	ON OF REVISIONS		DESIGI	SNED			CHECKED	CKED DA		
<u>A</u> 2				SY.KAM	AMIGA HS.OZAWA APPROVED HS.OKAWA			06.06.20				
		E RISE INCLUDED WHEN ENERGIZED. INDICATES A LONG-TERM STORAGE STATE SED PRODUCT BEFORE THE BOARD MOUNTED.							HS.OKAWA	05.10		
(2)						CHECKED DESIGNED		ŒD	HS.OZAWA			
	. 51. 1112 01101							1ED	TK.YANAGISAWA			
Unless otl	nerwise spe	cified, re	efer to JIS C 5402				DRAW	/N	TK.YANAGISAWA	05.1	0.07	
Note QT:Qu	alification Test	AT:Assı	urance Test X:Applicable Test			PRAWING NO.			ELC4-151381-21			
HS.		PECIFICATION SHEET			PART NO.				FX5-52P-SH(71) 75-0006-0-71			
	∣ HIRO	OSE ELECTRIC CO., LTD.			CODE	NO.	CL	.575-	575-0006-0-71 <i>/</i>			