APPLICA	BLE STAN	DARD								
	OPERATING TEMPERATURE RANGE		-55 °C TO 85 °C ⁽¹⁾		TEMPERA	STORAGE TEMPERATURE RANGE		-10 °C TO 60 °C (2)		
RATING	VOLTAGE		200 V AC		RANGE	NG HUMIDIT	Y	40 % TO 80 %		
	CURRENT		1 A		STORAGE HUMIC RANGE			40 % TO 70 % ⁽²⁾		
	•		SPEC	IFICAT	ΓΙΟΝS					
IT	EM	Τ	TEST METHOD			RE	QU	IREMENTS	QT	АТ
CONSTRI	JCTION									
		VISUALLY AND BY MEASURING INSTRUMENT.			T. ACC	ACCORDING TO DRAWING.				×
MARKING			CONFIRMED VISUALLY.						×	×
ELECTRIC	CHARAC	TERIST	CS		 					
CONTACT R	ESISTANCE	100 mA (DC or 1000 Hz).					15 n	nΩ MAX.	×	-
INSULATION		500 V DC.				1000 MΩ MIN.			×	_
	RESISTANCE									
VOLTAGE P			V AC FOR 1 min.		NO	FLASHOVE	R OF	R BREAKDOWN.	×	_
	CAL CHAR									
MECHANICAL OPERATION		500 TIMES INSERTIONS AND EXTRACTIONS.			2 1	① CONTACT RESISTANCE: 15 mΩ MAX. ② NO DAMAGE, CRACK AND LOOSENESS OF PARTS.				_
VIBRATION		FREQUENCY 10 TO 55 Hz,			① N	① NO ELECTRICAL DISCONTINUITY OF			×	_
		AMPLITUDE : 1.5 mm,			1	1 μs. ② NO DAMAGE, CRACK AND LOOSENESS OF PARTS.				
		AT 2 h FOR 3 DIRECTION.								
SHOCK		490 m/s ² , DURATION OF PULSE 11 ms AT 3 TIMES FOR 3 DIRECTIONS.			(×	_
FORCE OF PRESS FITTING		THICKNESS OF PC BOARD 2.4±0.2 mm.				197 N MAX.			×	-
FORCE OF		THICKNESS OF PC BOARD 2.4±0.2 mm.				44 N MIN.			×	_
	IAINTAINING	1								
			TERISTICS							1
DAMP HEAT (STEADY STATE)		EXPOSED AT 40±2 °C, 90 ~ 95 %, 96 h.				 CONTACT RESISTANCE: 15 mΩ MAX. INSULATION RESISTANCE:1000 MΩ MIN. NO DAMAGE, CRACK AND LOOSENESS OF PARTS. 			×	_
RAPID CHANGE OF TEMPERATURE		TEMPERATURE- $65 \rightarrow +15 \sim +35 \rightarrow +125 \rightarrow +15 \sim +35 \circ C$ TIME $30 \rightarrow 10 \sim 15 \rightarrow 30 \rightarrow 10 \sim 15 \min$ UNDER 5 CYCLES.							×	_
CORROSION SALT MIST		EXPOSED IN 5 % SALT WATER SPRAY FOR 48 h.				① CONTACT RESISTANCE: 15 mΩ MAX. ② NO HEAVY CORROSION.			×	-
HYDROGEN SULPHIDE		EXPOSED IN 3 PPM FOR 120 h.				We here to entropient.				-
COUN	IT D	L ESCRIPTI	ON OF REVISIONS		DESIGNED)		CHECKED	DA	TE
<u> </u>								Γ		
			E RISE INCLUDED WHEN ENERGIZED. E INDICATES A LONG-TERM STORAGE STATE			APPROVED CHECKED		HS. OKAWA		5. 12
		E INDICATES A LONG-TERM STORAGE STATE ISED PRODUCT BEFORE THE BOARD MOUNTED.						HS. OZAWA	08.0	5. 12
l	_					DESIGNED		KY. NAKAMURA	08.0	5. 12
Unless of	herwise spe	ecified, refer to MIL-STD-202.				DRAWN		TP. MATSUMOTO	08.0	5. 10
Note QT:Qualification Test AT:Assurance Test X:Applicable Test D					DRAW	RAWING NO.		ELC4-021143-21		
HRS	S	SPECIFICATION SHEET			PART NO	. HI	H1F3BA-50P-2. 54PFA-		(71))
HI		ROSE ELECTRIC CO., LTD.			CODE NO	o. Cl	CL610-2006-4-71 🛕 1/			