APPLICA	BLE STANI	DARD										
OPERATING		E DANCE	-55 °C TO 85 °	PC (1)		RAGE	IDE DANG	Ē	-10 °C TO 60 °	C (2)		
RATING	TEMPERATURE RANGE				TEMPERATU OPERATING						_	
	VOLTAGE		100 V AC			RANGE STORAGE HI		_	40 % TO 80 %			
	CURRENT					NGE			60 % RH MAX (2)			
			SPEC	IFICA	TION	S						
ΙΤ	EM		TEST METHOD				RE	QU	IREMENTS	QT	AT	
CONSTRU	JCTION	•										
GENERAL EXAMINATION						ACCO	RDING T	O DF	RAWING.	×	×	
MARKING			MED VISUALLY.							×	×	
ELECTRIC CHARACT CONTACT RESISTANCE		1 ERISTICS 100 mA (DC OR 1000 Hz).						E0 #	- O MAY		Ι_	
CONTACT RESISTANCE		20 mV MAX, 1 mA(DC OR 1000Hz)				50 mΩ MAX. 60 mΩ MAX.				×	+-	
MILLIVOLT LEVEL METHOD						Some work.						
INSULATION		250 V DC				100 MΩ MIN.				×	-	
RESISTANCE VOLTAGE PROOF		300 V AC FOR 1 min.				NO FLASHOVER OR BREAKDOWN.				×	-	
MECHANI	CAL CHAR	ACTERI	STICS									
MECHANICAL		500 TIMES INSERTIONS AND EXTRACTIONS.				① CONTACT RESISTANCE: 60 mΩ MAX.				×	T -	
OPERATION						② NO DAMAGE, CRACK AND LOOSENESS OF PARTS.						
VIBRATION		FREQUENCY 10 TO 55 Hz, SINGLE AMPLITUDE: 0.75mm,				 NO ELECTRICAL DISCONTINUITY OF 1 μs. NO DAMAGE, CRACK AND LOOSENESS OF PARTS. 				×	-	
		AT 10 CYCLES FOR 3 DIRECTIONS.										
SHOCK		490 m/s ² , DURATION OF PULSE 11 ms AT 3 TIMES FOR 3 DIRECTIONS.								×	_	
	MENTAL C		TERISTICS									
DAMP HEAT (STEADY STATE)		EXPOSED AT 40±2°C, 90 ~ 95 %, 96 h.				_			STANCE: 60 m Ω MAX. SISTANCE:100 M Ω MIN.	×	-	
RAPID CHANGE OF		TEMPERATURE-55→+15~+35→ +85→+15~+35°C				1			RACK AND LOOSENESS	×	 	
TEMPERATURE		TIME $30 \rightarrow 2 \sim 3 \rightarrow 30 \rightarrow 2 \sim 3$ min UNDER 5 CYCLES.				OF PARTS.						
DRY HEAT		EXPOSED AT 85 °C, 96 h.				 ① CONTACT RESISTANCE: 60 mΩ MAX. ② NO DAMAGE, CRACK AND LOOSENESS OF PART 				×	_	
CORROSION SALT MIST		EXPOSED IN 5 % SALT WATER SPRAY FOR 48 h.				(1) CONTACT RESISTANCE: $60 \text{ m}\Omega$ MAX. (2) NO HEAVY CORROSION.				×	_	
SULPHUR DIOXIDE		EXPOSED IN 10 PPM FOR 96 h. (TEST STANDARD: JEIDA 39)								×	-	
RESISTANCE TO		1) REFLOW SOLDERING : 240 °C MAX,				NO DEFORMATION OF CASE OF EXCESSIVE LOOSENESS OF THE TERMINALS.				×	-	
SOLDERING HEAT SOLDERABILITY		: 200 °C MIN, FOR 60 s										
		2) SOLDERING IRONS : 360 °C,				A NEW UNIFORM COATING OF SOLDER					-	
		FOR 5 s SOLDERED AT SOLDER TEMPERATURE,									+	
S S L D L I V (D L I I I		240°C, FOR IMMERSION DURATION, 3 s.				SHALL COVER A MINIMUM OF 95 % OF THE SURFACE BEING IMMERSED.						
COUN	T D	L ESCRIPTION	ON OF REVISIONS	DESIG		NED			CHECKED	DA	TE	
DEMARK (1) == 1 ==	DE DISE ::	LIDED WHEN ENERGIZED			1400001/50						
			SE INCLUDED WHEN ENERGIZED. DICATES A LONG-TERM STORAGE STATE			APPROVED CHECKED DESIGNED DRAWN			HS. OKAWA	08. 07. 1		
FOR THE UNU		SED PRODUCT BEFORE THE BOARD MOUNTED.						HT. YAMAGUCHI	08. 07. 14 08. 07. 11			
Unless otherwise specified,			d. refer to JIS C 5402						SY. KAMIGA HK. SUNADORI	08.07.11		
Note QT:Qualification Test AT:Assurance Test X:Applicable Test					DRAWIN				ELC4-151383	I		
HS	SI	SPECIFICATION SHEET			PART NO.			FX5-68P-SH(71)				
11/7	HIR	HIROSE ELECTRIC CO., LTD.				CODE NO.		CL575-0008-6-71 🛕 1/1				