APPLICAE	BLE STANE	DARD										
	OPERATING TEMPERATURE RANGE					STORAGE EMPERATURE RANGE			-10 °C TO 60 °C (2)			
RATING			100 V AC		- 1	OPERATING HU		Y	40 % TO 80 %			
	CURRENT		0.5 A			STORAGE HUMIDITY			40 % TO 70 % ⁽²⁾			
	CORRENT	SPECIFICATIONS										
ITEM			TEST METHOD			REQUIREMENTS				Q	TAT	
CONSTRU	ICTION											
	XAMINATION					ACCO	RDING	TO DR	AWING.	×	×	
MARKING		CONFIRMED VISUALLY.								×	×	
ELECTRIC CHARACT						40 mΩ MAX.				×	T -	
CONTACT RESISTANCE		20 mV MAX, 1 mA(DC OR 1000Hz)				50 mΩ MAX.				×	-	
MILLIVOLT LEVEL METHOD INSULATION		250 V DC				100 MΩ MIN.				×	-	
RESISTANCE												
VOLTAGE PROOF		300 V AC FOR 1 min.				NO FLASHOVER OR BREAKDOWN.						
MECHANICAL CHARACTERISTICS MECHANICAL 100 TIMES INSERTIONS AND EXTRACTIONS. ① CONTACT RESISTANCE: 50 mΩ MAX.								STANCE: 50 mO MAX	×			
OPERATION		TOU TIMES INSERTIONS AND EXTRACTIONS.				② NO DAMAGE, CRACK AND LOOSENESS OF PARTS.						
VIBRATION		FREQUENCY 10 TO 55 Hz,				① NO ELECTRICAL DISCONTINUITY OF				×	_	
		AMPLITUDE: 1.5 mm, AT 2 h FOR 3 DIRECTIONS.				1 μs. ② NO		SE, CF	RACK AND LOOSENESS	3		
SHOCK		490 m/s ² , DURATION OF PULSE 11 ms AT 3 TIMES FOR 3 DIRECTIONS.				OF	PARTS.			×	_	
ENVIRON	MENTAL C	HARAC	TERISTICS									
DAMP HEAT (STEADY STATE)		EXPOSED AT $40\pm2^{\circ}\text{C},~90\sim95\%,~96$ hrs.				① CONTACT RESISTANCE: 50 mΩ MAX. 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 MAX 5 \rightarrow 30 \rightarrow MAX 5 min UNDER 5 CYCLES.				③ NO DAMAGE, CRACK AND LOOSENESS OF PARTS.				8 ×	-	
CORROSION SALT MIST		EXPOSED IN 5 % SALT WATER SPRAY FOR 48 h.				① CONTACT RESISTANCE: 50 mΩ MAX.② NO HEAVY CORROSION.				×	-	
HYDROGEN SULPHIDE		EXPOSED IN 3 PPM FOR 96 h. (TEST STANDARD: JEIDA 38)								×	-	
RESISTANCE TO SOLDERING HEAT SOLDERABILITY		1) REFLOW SOLDERING : 250 °C MAX, : 220 °C MIN,				NO DEFORMATION OF CASE OF EXCESSIVE LOOSENESS OF THE				×	-	
		FOR 60 s 2) SOLDERING IRONS : 360 °C,				TERMINALS. A NEW UNIFORM COATING OF SOLDER					-	
		FOR 5 s SOLDERED AT SOLDER TEMPERATURE,										
SOLDERABILITY		240 ± 3°C, FOR IMMERSION DURATION, 3 s.				SHALL COVER A MINIMUM OF 95 % OF THE SURFACE BEING IMMERSED.				×	_	
COUN	T DE	SCRIPTION	SCRIPTION OF REVISIONS DES		DESIG	GNED			CHECKED		DATE	
A REMARK) TEMBERATUS	E BIGE INC	RISE INCLUDED WHEN ENERGIZED. NDICATES A LONG-TERM STORAGE STATE D PRODUCT BEFORE THE BOARD MOUNTED.			APPROVED HS.OKAWA			00	06.04.21		
	THIS STORAGE	INDICATE				CHECKED		KED	HS.OZAWA	06.04.2		
l lml	L	ا د داشت	See to MU OTD 4044				DESIG		TK.YANAGISAWA		04.20	
	efer to MIL-STD-1344. urance Test X:Applicable Te				DRA' IG NO.	VVN	TK.YANAGISAWA	-084971-23				
		SPECIFICATION SHEET				PART NO.		FX6-80P-0. 8SV (93)				
HS		HIROSE ELECTRIC CO., LTD.			CODE NO.		C	CL576-0007-0-93			1/1	
FORM HDOOLL-			,					,	, , , , , , , , , , , , , , , , , , ,	<u> </u>	1	