APPLICAE	BLE STANE	DARD										
OPERATING TEMPERATUR		E RANGE	-55 °C TO 85	°C	TEM	RAGE PERATURE RANGE			-10 °C TO 60 °C			
RATING	VOLTAGE		100 V AC R/		RAN	ERATING HUMIDITY NGE		Y	40 % TO 80 %			
	CURRENT		0.4 A		STO	RAGE HUMIDITY			40 % TO 70 %A			
			SPEC	IFICA								
ITF	 EM		TEST METHOD				RF	OLII	REMENTS	Тот	ТАТ	
CONSTRUCTION		TEST WETTOD				T/EQUITEMENTO				1941	1/11	
		VISUAL	LY AND BY MEASURING IN	NSTRUM	IENT.	ACCO	RDING T	O DR	RAWING.	×	×	
MARKING		CONFIRMED VISUALLY.								×	×	
ELECTRIC	CHARACT	ERISTI	CS									
CONTACT RESISTANCE		,				80 mΩ MAX. ⁽¹⁾				×		
CONTACT RESISTANCE MILLIVOLT LEVEL METHOD		20 mV MAX, 1 mA(DC OR 1000Hz)				100 mΩ MAX. (2)				×		
INSULATION RESISTANCE		250 V DC				100 MΩ MIN.				×		
VOLTAGE PROOF		300 V AC FOR 1 min.				NO FL	NO FLASHOVER OR BREAKDOWN.					
	CAL CHAR											
MECHANICAL OPERATION		50 TIMES INSERTIONS AND EXTRACTIONS.				① CONTACT RESISTANCE:100 mΩ MAX. (2) ② NO DAMAGE, CRACK AND LOOSENESS OF PARTS.						
VIBRATION		FREQUENCY 10 TO 55 Hz, AMPLITUDE: 1.5 mm, 2 hrs IN 3 DIRECTIONS.				① NO ELECTRICAL DISCONTINUITY OF 1 μs.				×		
SHOCK 490			490 m/s ² , DURATION OF PULSE 11 ms FOR 3 TIMES IN 3 DIRECTIONS.				© CONTACT RESISTANCE:100 mΩ MAX. (2) 3 NO DAMAGE, CRACK AND LOOSENESS OF PARTS.					
ENVIRONI	MENTAL C		TERISTICS									
DAMP HEAT (STEADY STATE)		EXPOSED AT 40 ± 2 °C, 90 \sim 95 %, 96 hrs.				CONTACT RESISTANCE:100 mΩ MAX. (2) INSULATION RESISTANCE:100 MΩ MIN. NO DAMAGE, CRACK AND LOOSENESS OF PARTS.						
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.								×		
CORROSION SALT MIST		EXPOSED IN 5 % SALT WATER SPRAY FOR 48 hrs.				① CONTACT RESISTANCE:100 mΩ MAX. (2) ② NO HEAVY CORROSION.) ×		
HYDROGEN SULPHIDE		EXPOSED IN 3 PPM FOR 96 hrs. (TEST STANDARD: JEIDA 38)				WO TIEAV FOORROOM.						
RESISTANCE TO SOLDERING HEAT		: 220 °C MIN, FOR 60 s				NO DEFORMATION OF CASE OF EXCESSIVE LOOSENESS OF THE TERMINALS.				×		
		2) SOLDERING IRONS : 360 °C, 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		DESIG	SNED			CHECKED	DATE		
REMARK (1) THIS CONNECTOR'S INITIAL CONTACT RESISTANCE SHALL BE 80 mΩ,						1,0000,000						
	BECAUSE OF		NCE OF STACKING HEIGHT 16 mm TY		YPE.	PE. APPROVE CHECKE		HS.OKAWA HS.OZAWA	05.09.06			
SHALL BE 20 mΩ MAX.			MAX.			DESIGNED		NED	TH.NODA	05.09.05		
Unless oth	erwise speci	fied, refe	r to JIS C 5402.			DRAWN		۷N	TH.NODA	05.09.05		
Note QT:Qualification Test AT:Assurance Test X:Applicable Test					DI	RAWING NO.			ELC4-150873-21			
HS		SPECIFICATION SHEET			PART	ΓNO.			X8C-100P-SV6 (91) 8-0605-4-91			
	HIR	IROSE ELECTRIC CO., LTD.			CODE	E NO.	NO. CL578		8-0605-4-91		1/1	