APPLICA	BLE STAN	DARD									
	Operating Temperature Range 2		-55 °C to 105			rage nperatur	e Range		-10 °C to 6	60 °C €	(2)
Rating	Voltage		Power Contact : 200 V AC		Sto	orage Humidity Range		9	Relative humidity 859		
	Current		Signal Contact : 0.5 A Power Contact : 3.0A			perating Humidity Range			(Not dewed)		
					ATION	<u>S</u>					
<del> </del>	EM		TEST METHOD	11 107	11011		DEC	71 115	REMENTS	QT	AT
CONSTRUCTION		TEST METHOD				NEQUINEMENTS				QΙ	Λ1
General Exa		Visually a	and by measuring instrumen	t.		Accord	ing to drav	vina.		×	×
Marking		Confirmed visually.					3	3		×	×
ELECTRIC CHARACT										•	
Contact Resistance		100 mA(DC or 1000Hz)				Signal Contact : $70m\Omega$ MAX. Power Contact : $20m\Omega$ MAX.				×	_
Insulation Resistance		Signal Contact : 100 V DC. Power Contact : 250 V DC				Signal Contact : 100 M $\Omega$ MIN. Power Contact : 1000 M $\Omega$ MIN.				×	_
Voltage Proof		Signal Contact : 150 V AC for 1 min.				No flashover or breakdown.				×	×
		Power Contact : 600 V AC for 1 min.				THE HASHEVEL OF STEAKAOWII.				×	_
	ICAL CHAR				-					,	
Insertion and Withdrawal Forces		Measured by applicable connector.				Insertion Force: 27 N MAX. Withdrawal Force: 3 N MIN.				×	_
Mechanical Operation		100 times insertions and extractions.				Contact Resistance:					_
						Signal Contact: 80m Ω MAX.  Power Contact: 30m Ω MAX.  ② No damage, crack and looseness of parts.					
Vibration		Frequency 10 to 55 to 10Hz, approx 5min							ntinuity of 1 µs.	×	<del>                                     </del>
· ioration		Single amplitude : 0.75 mm, 10 cycles for 3 axial directions.				② No damage, crack and looseness of parts.					
Shock		490 m/s <sup>2</sup> , duration of pulse 11 ms								×	_
EN 11 (1 D O N			s for 3 both axial directions.								
	IMENTAL C		TERISTICS		. 1	<b>(1)</b>				T	_
Damp Heat (Steady state)		Exposed at 40±2 °C, 90 ~ 95 %, 96 h.			h.	① Contact Resistance: Signal Contact: 80m Ω MAX. Power Contact: 30m Ω MAX.  ② Insulation Resistance:				×	_
Rapid Change of		Temperature -55 → +85 °C								×	-
Temperature	9	Time		nin.		_					
		under 5 cycles. (Relocation time to chamber : within 2~3 MIN)				Signal Contact : $100 \text{ M}\Omega \text{ MIN}$ .  Power Contact : $1000 \text{ M}\Omega \text{ MIN}$ .  3 No damage, crack and looseness of parts.					
Cold		Exposed at -55°C, 96 h			① Contact Resistance: Signal Contact: 80m Ω MAX.				×	_	
Dry Heat		Exposed at 105°C, 96 h			Power Contact : 30m Ω MAX. ② No damage, crack and looseness of parts.				×	_	
Sulfur Dioxide		Exposed at 25±2°C, 75±5%RH, 25 PPM for 96 h.			96 h.	No defect such as corrosion which impairs				×	-
		(Test standard: IEC 68)				the function of connector.  ② Contact Resistance: Signal Contact: 80m Ω MAX.					
							ower Cont		30m Ω MAX.		
Resistance to		1)Reflow soldering :				No deformation of case of excessive				×	_
Soldering Heat		Peak TMP: 260°CMAX				looseness of the terminal.					
			TMP: 220°CMIN for 60sec ing irons: 360°C MAX. for 5	202							
Solderability			at solder temperature	Sec.		A new	uniform co	ating	of solder shall cover a	×	-
·			240±3°C for immersion duration, 3 sec.			minimum of 95 % of the surface being immersed.					
COUN	T DESCRIPTION OF REVISIONS DE		DESIG	IGNED			CHECKED	DA	TE		
2						OONO			HT. YAMAGUCHI	CHI 17. 02.	
before assembly to PCB.			long-term storage state for the unused product CB.			APPROVED CHECKED DESIGNED		ED			7. 18
								D			7. 18
								ĒD	TS. 00N0	14.0	7. 17
Unless otherwise specified, refer			r to IEC 60512.			DRAWN			TS. 00NO 14. 07.		
Note QT:Qualification Test AT:As:			urance Test X:Applicable Test		DF	PRAWING NO.			ELC-353553-00-00		)
HS.			CATION SHEET		PART NO.		FX23-60S-0. 5SV			<u> </u>	
■ ■ HIR		OSE E	OSE ELECTRIC CO., LTD.		CODE NO.		CL573-3203-5-00 2				1/1