APPLICA	BLE STAN	NDARD								
	Operating Temperature Range Voltage Current		Signal Contact : 50 V AC Power Contact : 200 V AC Signal Contact : 0.5 A			orage emperature Range		-10 °C to	60 °C	(2)
Rating						orage Humidity Range		Relative humidity 85	5% max	
								(Not dewed)		
	•		SPECI	IFICA	TIONS	S		•		
ΙΤ	ΓEM		TEST METHOD				REQL	IREMENTS	QT	AT
CONSTR	UCTION								I	
General Exa	mination	Visually	Visually and by measuring instrument.				ling to drawin	g.	×	×
Marking			Confirmed visually.						×	×
	C CHARAC									
Contact Resistance		100 mA(DC or 1000Hz)			F	Signal Contact : $70m\Omega$ MAX. Power Contact : $20m\Omega$ MAX.			×	_
Insulation Resistance		Power C	Signal Contact : 100 V DC. Power Contact : 250 V DC 1			Signal Contact : 100 M Ω MIN. Power Contact : 1000 M Ω MIN. 1			×	_
Voltage Proof		Signal Contact : 150 V AC for 1 min. Power Contact : 600 V AC for 1 min.				No flashover or breakdown.				×
	ICAL CLIAE			/1\					×	
	ICAL CHAP						Farras	ON MAY A	×	_
Insertion and Withdrawal Forces		Measured by applicable connector.				Insertion Force: 9 N MAX.1\(\) Withdrawal Force: 1 N MIN.				-
Mechanical Operation		100 times insertions and extractions.				① Contact Resistance:			×	+-
						Signal Contact : 80m Ω MAX. Power Contact : 30m Ω MAX.				
Vibration		Fragues	Frequency 10 to 55 to 10Hz, approx 5min			 No damage, crack and looseness of parts. No electrical discontinuity of 1 μs. 				+_
vibration		Single ar	Single amplitude: 0.75 mm, 10 cycles for 3 axial directions.					ck and looseness of parts	. ×	
Shock 49			490 m/s ² , duration of pulse 11 ms at 3 times for 3 both axial directions.						×	-
ENVIRON	IMENTAL (CHARAC	TERISTICS							
		Exposed	at 40±2 °C, 90 ~ 95 %,	, 96 h	n. (① Cor	ntact Resista	nce:	×	_
(Steady state)							ignal Contac			
Rapid Change of Temperature		-	Temperature -55 → +85 °C			_1\Power Contact : 30m Ω MAX. ② Insulation Resistance:			×	-
remperature	9	Time	$30 \rightarrow 30 \text{ m}$ 5 cycles.	nin.		_	ulation Resist Signal Contac			
			n time to chamber : within 2~3 Ml	IIN)			Power Contac			
		(,	(ck and looseness of parts		
Cold		Exposed	Exposed at -55°C, 96 h			① Contact Resistance: Signal Contact: 80m Ω MAX.			×	-
Dry Heat		Exposed	Exposed at 85°C, 96 h							_
Sulfur Dioxide		Exposed at 25±2°C, 75±5%RH, 25 PPM for 96 h.			96 h. (① No defect such as corrosion which impairs				_
		(Test sta	ndard: IEC 68)			_	function of co			
					(_	ntact Resista			
							ignal Contac lower Contac			
Resistance to		1)Reflow	1)Reflow soldering :			No deformation of case of excessive				+-
Soldering Heat		-	Peak TMP : 260°CMAX			looseness of the terminal.				
		Reflow	TMP: 220°CMIN for 60sec							
			ing irons: 360°C MAX. for 5	sec.						
-		Soldered at solder temperature 240±3°C for immersion duration, 3 sec.				A new uniform coating of solder shall cover a minimum of 95 % of the surface being			×	_
		<u> </u>				mmers	sed.		1	<u> </u>
COUN	NT C		ON OF REVISIONS		DESIG	NED		CHECKED	+	\TE
13					TS. 00	NO NO		KN. SHIBUYA		9. 09
REMARKS			used by current-carrying. term storage state for the unused pro	oduct			APPROVED	HS. OKAWA	14. 0)7. 18
	before assemi		om storage state for the unaced pre	oddol			CHECKED	KN. SHIBUYA)7. 18
							DESIGNED	TS. 00N0)7. 17
Unless otherwise specified, refer			r to IEC 60512. 1			DRAWN		TS. 00NO 14. 07. 1		
Note QT:Q			surance Test X:Applicable Te	est			IG NO.	ELC-353551-(00-00)
H 2 5			CIFICATION SHEET		PART NO.		FX23-20S-0. 5SV			41.
		ROSE ELECTRIC CO., LTD.			CODE NO.		CL573-3201-0-00 /1			1/1

