APPLICA	BLE STAN	NDARD								
Operating Temperature I		Range				orage mperature Range		-10 °C to	60 °C	(2)
Rating	Voltage		Signal Contact : 50 V AC Power Contact : 200 V AC			orage Humidity Range perating Humidity Range		Relative humidity 8	5% max	
Current		Signal Contact : 0.5 A Power Contact : 3.0A			Оре			(Not dewed)		
	•		SPEC	IFICA	TION	S				
IT	EM		TEST METHOD				REQU	IREMENTS	QT	АТ
CONSTR	UCTION				"					
General Examination			Visually and by measuring instrument.			Accord	ing to drawing	g.	×	×
Marking ELECTRIC CHARAC			Confirmed visually.						×	×
								_		
Contact Resistance		100 mA(DC or 1000Hz)				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 $\Omega$ MIN. Power Contact : 1000 M $\Omega$ MIN. $1$			×	_
Voltage Proof		Signal Contact : 150 V AC for 1 min.  Power Contact : 600 V AC for 1 min.				No flashover or breakdown.			×	× —
MECHAN	ICAL CHAF				Į.					
Insertion and Withdrawal Forces		Measured by applicable connector.				Insertion Force: 27 N MAX, 1 Withdrawal Force: 3 N MIN.			×	_
Mechanical Operation		100 times insertions and extractions.			① Contact Resistance:			×	_	
					Signal Contact: 80m Ω MAX.  Power Contact: 30m Ω MAX.  No damage, crack and looseness of parts.					
;		Single ar	Frequency 10 to 55 to 10Hz, approx 5min Single amplitude : 0.75 mm, 10 cycles			<ol> <li>No electrical discontinuity of 1 μs.</li> <li>No damage, crack and looseness of parts.</li> </ol>			×	-
Shock 4s		490 m/s <sup>2</sup>	for 3 axial directions.  490 m/s <sup>2</sup> , duration of pulse 11 ms at 3 times for 3 both axial directions.						×	l –
ENI\/IR∩N	IMENITAL C		TERISTICS							
Damp Heat			at 40±2 °C, 90 ~ 95 %	. 96 l	n.	① Cor	ntact Resistar	nce:	×	Τ_
(Steady state)			Exposed at 40 12 0, 00 00 70, 00 m.			_	ignal Contact			
Rapid Change of		Tempera	Temperature -55 → +85 °C			1 Power Contact : 30m Ω MAX.			×	_
Temperature	e	Time		nin.		_	ulation Resist			
		under 5	,	IINI)			Signal Contac Power Contac			
		(Ivelocation	(Relocation time to chamber : within 2~3 MIN)			<ul><li>3 No damage, crack and looseness of parts.</li></ul>				
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			Power Contact: 30m Ω MAX.  ② No damage, crack and looseness of parts.				$\vdash$
,		1 7 7 7 7 7	Exposed at 60 0, 50 11							
Sulfur Dioxide			Exposed at 25±2°C, 75±5%RH, 25 PPM for 96 h.			① No defect such as corrosion which impairs				_
		(Test star	ndard: IEC 68)				function of co			
							ntact Resistar ignal Contact			
						^	ower Contact			
Resistance to		1)Reflow	1)Reflow soldering :			No deformation of case of excessive			×	<del>  -</del>
Soldering Heat			Peak TMP : 260°CMAX			looseness of the terminal.				
			TMP: 220°CMIN for 60sec							
Solderability			2) Soldering irons: 360°C MAX. for 5 sec.			Δηριν	uniform coati	ng of colder shall cover a	×	₩
Joiderability		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 immersed.					
COUN	NT D	ESCRIPTI	ON OF REVISIONS		DESIG	NED		CHECKED	DA	TE
13					TS. 00			KN. SHIBUYA	15. 0	9. 09
REMARKS			ature rise caused by current-carrying.			APPROVED		HS. OKAWA	14. 09. 02	
		•	term storage state for the unused pro	oduct			CHECKED	KN. SHIBUYA	14. 0	9. 02
before assembly to PC							DESIGNED	TS. 00N0	14. 0	9. 02
Unless otherwise specified, refe			r to IEC 60512. 1			DRAWN		TS. 00N0	14. 0	9. 02
Note QT:Qualification Test AT:As:			surance Test X:Applicable Te	rance Test X:Applicable Test		RAWING NO.		ELC-353567-00-00		
HIS -		CATION SHEET		PART NO.		FX23-60S-0. 5SH				
		ROSE E	OSE ELECTRIC CO., LTD.		CODE NO.		CL573-3403-4-00			1/1

