APPLICA	BLE STAN	NDARD								
	Operating Temperature Range Voltage Current				Storaç Temp		e Range	-10 °C to 6	30 °C	(2)
Rating			Power Contact : 200 V AC Signal Contact : 0.5 A			ge Hur	nidity Range	Relative humidity 85	% max	[
						perating Humidity Range (Not dewed)				
				IFICAT	TIONS					
IT	EM		TEST METHOD	11 10/11		'	DEO	UIREMENTS	QT	Α
CONSTRU			1E31 ME1HOD				nEQ	UINEIVIEIVIS	QΙ	A
General Exar		Vieually a	nd by measuring instrument	.	ΙΔ.	ccord	ing to drawi	na	×	
Marking		Confirmed visually.				CCOIG	ing to drawi	ng.	×	+ ;
	CHARAC		-		l l				1	
Contact Resistance Insulation Resistance Voltage Proof		100 mA(DC or 1000Hz)			Si	Signal Contact: 70m Ω MAX.				T -
						Power Contact : 20m Ω MAX.				
		Signal Contact : 100 V DC.				Signal Contact : 100 MΩMIN.				-
		Power Contact : 250 V DC Signal Contact : 150 V AC for 1 min.				Power Contact : 1000 M Ω MIN.				,
		Power Contact : 600 V AC for 1 min.				No flashover or breakdown.				
MECHANI	CAL CHAF								×	
Insertion and			by applicable connector.		In	sertio	n Force:	27 N MAX.	×	-
Withdrawal Forces						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. ② No damage, crack and looseness of parts. 				-
Vibration		Frequency 10 to 55 to 10Hz, approx 5min Single amplitude: 0.75 mm, 10 cycles			1	 No electrical discontinuity of 1 μs. No damage, crack and looseness of parts. 				-
Chook		for 3 axial directions. 490 m/s ² , duration of pulse 11 ms								
Shock			, duration of pulse 11 ms for 3 both axial directions.						×	-
ENVIRON	MENTAL C		ERISTICS						1	
Damp Heat			at 40±2 °C, 90 ~ 95 %,	, 96 h.	1	Con	tact Resista	ance:	×	Τ-
(Steady state)						Signal Contact: 80m Ω MAX. Power Contact: 30m Ω MAX. ② Insulation Resistance:				
Rapid Change of			Temperature -55 → +85 °C							-
Temperature		Time		nin.	(2		ilation Resis signal Conta			
		under 5 cycles. (Relocation time to chamber : within 2~3 MIN)				Р	ower Conta			
Cold		Exposed at -55°C, 96 h				① Contact Resistance: Signal Contact: 80m Ω MAX.				-
Dry Heat 2		Exposed at 105°C, 96 h			2	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.			① No defect such as corrosion which impairs				-
		(Test standard: IEC 68)				the function of connector. ② Contact Resistance: Signal Contact: 80m Ω MAX. Power Contact: 30m Ω MAX.				
Resistance to Soldering Heat		1)Reflow soldering : Peak TMP : 260°CMAX Reflow TMP: 220°CMIN for 60sec				No deformation of case of excessive x looseness of the terminal.				-
			ng irons : 360°C MAX. for 5	sec.						
Solderability			at solder temperature for immersion duration, 3 se	ec.	m		m of 95 % o	ting of solder shall cover a of the surface being	×	-
COUN	T D	ESCRIPTIC	N OF REVISIONS		DESIGN			CHECKED	DA	\TE
/2 \ 2			-00002064		TS. 00N			HT. YAMAGUCHI	17. 0	
	(1) Include temper	ude temperature rise caused by current-carrying.				APPROVED HS. OKAWA			14. 0	
(2) "STORAGE" means a long-term storage state for the unused product before assembly to PCB.							CHECKE		14. 07. 1	
	perore assemb	uly lu FUB.	о I ОБ.			DESIGNED			14. 07.	
Unless otherwise specified, refer to IEC 60512.						DRAWN		TS. OONO	14. 07.	
·					DRA	RAWING NO. ELC-353553-00				
HS .		SPECIFICATION SHEET			PART NO.			FX23-60S-0. 5SV		
11/7	HIF	ROSE EL	ECTRIC CO., LTD.	(CODE N	1 O.	CL5	73-3203-5-00	<u>^2\</u>	1/