APPLICA	BLE STAN	DARD							
	Operating	\wedge	55 °C to 105 °	oC (1)	Storage		-10 °C to 1	s∩ ∘C	(2)
	Temperature Range 2 Voltage Current		-55 °C to 105 °C (1)		Temperati	-	-10 C 10 1	-10 °C to 60 °C (2	
Rating			Power Contact : 200 Signal Contact : 0.	V AC	Storage H	umidity Range	Relative humidity 85 (Not dewed)	% max	:
			Power Contact : 3.0A			perating Humidity Range (Not dewed)			
			SPEC	IFICAT	IONS				
IT	EM		TEST METHOD	10/11	10110	REO	UIREMENTS	ОТ	AT
CONSTRU			TEST WETTOD			ILQ	OIICEMENTO	QΙ	ΙΛ1
General Exar		Visually a	and by measuring instrument		Acco	ding to drawi	ina	×	×
Marking		Confirmed visually.			7,0001	ang to araw	ing.	×	×
ELECTRIC CHARAC		-							1
Contact Resistance Insulation Resistance Voltage Proof		100 mA(DC or 1000Hz)			Signa	Signal Contact : 70m Ω MAX.			_
						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 CHAR							×	
Insertion and			by applicable connector.		Insert	ion Force:	9 N MAX.	×	I -
Withdrawal Forces						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. 2 No demand great and leaseness of parts.			_
Vibration		Frequency 10 to 55 to 10Hz, approx 5min				 No damage, crack and looseness of parts. No electrical discontinuity of 1 μs. 			
Vibration		Single amplitude: 0.75 mm, 10 cycles for 3 axial directions.				2 No damage, crack and looseness of parts.			
Shock		490 m/s ² , duration of pulse 11 ms at 3 times for 3 both axial directions.						×	-
ENI/IRONI	MENTAL C		TERISTICS						
Damp Heat	WENTALO		at 40±2 °C, 90 ~ 95 %,	96 h	① C	ontact Resista	ance.	×	Ι_
(Steady state)		Exposed at 40±2 C, 90 1 95 76, 90 11.			_	Signal Conta			
Rapid Change of		Temperature -55 → +85 °C				Power Contact : 30m Ω MAX.			_
Temperature		Time		nin.	② In	sulation Resi			
		under 5 (Relocation	cycles. time to chamber : within 2~3 M	IN)		Signal Conta Power Conta			
		ľ		,	3 No	o damage, cra	ack and looseness of parts.		
Cold		Exposed at -55°C, 96 h			_	① Contact Resistance: Signal Contact: 80m Ω MAX.			_
Dry Heat	<u>/2</u>	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. (Test standard: IEC 68)			_	 No defect such as corrosion which impairs the function of connector. Contact Resistance: Signal Contact: 80m Ω MAX. Power Contact: 30m Ω MAX. 			+-
					the				
Resistance to)	1)Reflow	soldering:				case of excessive	×	+-
Soldering Heat		Peak TMP : 260°CMAX Reflow TMP: 220°CMIN for 60sec				ness of the te			
			ng irons : 360°C MAX. for 5	sec.				×	1
Solderability		Soldered at solder temperature 240±3°C for immersion duration, 3 sec.			minim	A new uniform coating of solder shall cover a minimum of 95 % of the surface being immersed.			_
COUN	T DI	L ESCRIPTION	ON OF REVISIONS	Г	DESIGNED		CHECKED	D^	ATE
/2\ 2	· DI		F-00002062	L	TS. 00N0		HT. YAMAGUCHI		02. 02
	1) Include temper:	clude temperature rise caused by current-carrying.			10. UUNU	APPROVE)7. 18
	²⁾ "STORAGE" me	eans a long-te	erm storage state for the unused pro	oduct		CHECKE)7. 18)7. 18
before assembly to PCB.			CB.			DESIGNED TS, 00N0)7. 10)7. 17
Unless otherwise specified, refer			r to IEC 60512.			DRAWN)7. 1 <i>7</i>)7. 17
•					DRAWI	RAWING NO. ELC-353544-00			
		SPECIFICATION SHEET				RT NO. FX23-20P-0. 5		/20	
HS	S	PECIFI	CATION SHEET		PART NO.		FX23-20P-0. 55V20		