APPLICABLE STANDARD			USB2.0 SPECIFICATION								
OPERATING TEMPERATURI		E RANGE	0 °C TO +50° C		TEM	FORAGE EMPERATURE RANGE		3E	−20 °C TO +60 °C		
RATING	VOLTAGE		30V AC			OPERATING HUMIDITY RANGE			- % TO - %		
	CURRENT		1) 1 A/pin		PLICABLE			USB CABLE			
	1) SIGNAL ONL		-			CABLE		1) SIGNAL : AWG 28 MAX	(
2) POWER APPLY			0.5 A/pin (PIN No.2-4)			2) POWE) POWER : AWG 26 MAX	<		
	SPECIFICATIONS										
ITEM			TEST METHOD			REQUIREMENTS			QT	AT	
CONSTRUCTION											
GENERAL EXAMINATION		VISUALLY AND BY MEASURING INSTRUMENT.			ACCORDING TO DRAWING.				Х	X	
MARKING		CONFIRMED VISUALLY.								X	X
	IC CHARA									X	_
	CONTACT RESISTANCE		100 mA (DC OR 1000 Hz).				30 mΩ MAX.				X
	INSULATION RESISTANCE		500 V DC.				100 MΩ MIN.				X
VOLTAGE PR		100 V AC FOR 1 min.						ROR	BREAKDOWN.	X	X
CAPACITANO	UE.	MEASURE ADJACENT TWO CONTACTS AT 1000±10 Hz AC VOLTAGE.				2 pF M	AX.			X	-
MECHAN	IICAL CHA	RACTE	ERISTICS								
INSERTION /		l	UM RATE OF 12.5 mm/min.				INSERTION FORCE 35 N MAX. WITHDRAWAL FARCE 8 N MIN.			X	_
	L OPERATION		ED BY APPLICABLE CONNEC MES INSERTIONS AND EXTRA				NTACT RE				
		MATING				1 '	NO INCREASE OF MORE THAN 10 m Ω FROM INITIAL VALUE.				
		l	NICALLY OPERATED : 500 CY			l .					
		- MANUA 	LLY OPERATED : 200 CY	CLES / h		1 '	2) INSERTION FORCE 35 N MAX. WITHDRAWAL FORCE 8 N MIN.				
						3) NO DAMAGE, CRACK AND LOOSENESS					
VIBRATION		EDEOUE	NOV 10 TO 55 LI=			OF F	PARTS.				
			JENCY 10 TO 55 Hz, E AMPLITUDE 0.75 mm,							X	_
			n FOR 3 DIRECTIONS,TOTAL 6 h.			1) NO	ELECTRI	CAL [DISCONTINUITY OF 1 μs.		
RANDOM VIBRATION		FREQUENCY 50 TO 2000 Hz AT 15 min FOR 3 DIRECTIONS.				2) NO DAMAGE, CRACK AND LOOSENESS OF PARTS.				X	_
SHOCK		490 m/s ² DIRECTIONS OF PULSE 11 ms				OF FARTS.					
			MES FOR 6 DIRECTIONS, TOTAL 18 TIMES.							X	_
			ACTERISTICS								
THERMAL SI	HOCK	TEMP $-55 \rightarrow 15 \text{ TO } 35 \rightarrow 85 \rightarrow 15 \text{ TO } 35 ^{\circ}\text{C}$ TIME $30 \rightarrow 2 \text{ TO } 3 \rightarrow 30 \rightarrow 2 \text{ TO } 3 \text{ min.}$			1) CONTACT RESISTANCE: 70 mΩ MAX. 2) INSULATION RESISTANCE: 10 MΩ MIN.						
			UNDER 10 CYCLES.				3) NO DAMAGE, CRACK AND LOOSENESS				_
		(MATING APPLICABLE CONNECTOR)				OF PARTS.					
HUMIDITY LI	HUMIDITY LIFE		TEMPERATURE -10 TO 65 °C, HUMIDITY 90 TO 98 % UNDER 7 CYCLES. (168 h)				NO DAMAGE, CRACK AND LOOSENESS OF PARTS.				
		l	(MATING APPLICABLE CONNECTOR)								-
DRY HEAT		EXPOSED AT 85±2 °C, 96 h.			NO DAMAGE, CRACK AND LOOSENESS OF				X		
COLD		(MATING APPLICABLE CONNECTOR) EXPOSED AT -40 ± 2 °C, 96 h.			PARTS. NO DAMAGE, CRACK AND LOOSENESS OF				+^	\vdash	
		(MATING APPLICABLE CONNECTOR)			PARTS.				X	-	
CORROSION SALT MIST		EXPOSED IN 5 % SALT WATER, 35 °C, FOR $~48\pm4~\text{h}.$			±4 h.	NO HEAVY CORROSION.				X	_
RESISTANCE TO		TEMPERATURE: 350 ± 10 °C				1			ACK AND LOOSENESS OF		
SOLDERING	HEAT	TIME	: 5±1s AT SOLDERIN	IG PARTS	1	PARTS	S.			X	-
COLINI	T D	CODIDIL	ON OF DEVICIONS		DECIC	NED			CHECKED	<u> </u>	
© COUN	I DE	:SUKIPTI	ON OF REVISIONS		DESIG	PINED			CHECKED	1 04	ATE
REMARK						APPROVE			D AO CHTUIL		\0 00
IVEINICHALA						CHECKE			AO. SUZUK I HK. TANAKA		03.06
									TS, SAKATZAWA	07. 03. 06 07. 03. 06	
Unless otherwise specified, refer to USB2.0 or EIA364					DRAWN			TS, SAKATZAWA	07. 03. 06		
					PRAWING NO.			ELC4-126085-0			
HS.		PECIFICATION SHEET			PART NO.		ZX20-B-5S-UNIT			4	
HIROSE E			LECTRIC CO., LTD.		CODE NO.		CL242-0012-8-00			Δ_	1/1

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APPLIC A	ABLE STAN	DARD	USB2.0 SPECIFICATION							
	OPERATING TEMPERATURE RANGE				STORAGE TEMPERATURE RANGE		GE .	GE		
RATING	VOLTAGE		-	HUN	OPERATING HUMIDITY R			- % TO - %		
CURRENT			-			PPLICABLE ABLE		-		
	•		SPECIF	ICATIO	NS		•			
	TEM		TEST METHOD			ı	REQU	IREMENTS	QT	АТ
	RUCTION				1				X	
			VISUALLY AND BY MEASURING INSTRUMENT. CONFIRMED VISUALLY.			ACCORDING TO DRAWING.				X
		CONFIRI								X
COU	NT DI	ESCRIPTION	ON OF REVISIONS	DESIG	SNED			CHECKED	DA	TE
0.										
REMARK			1			APPRO	VED	AO, SUZUK I	07. 0	3. 06
						CHEC	KED	HK. TANAKA	07. 0	3. 06
						DESIG	NED	TS. SAKATZAWA	07. 0	3. 06
						DRA	ΝN	TS. SAKATZAWA	07. 0	3. 06
Note QT:Qualification Test AT:Assurance Test X:Applicable Test			D	RAWIN	RAWING NO.		ELC4-126148-0			
wc	SPECIFICATION SHEET				PART NO.			ZX20-B-SLDC		

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