APPLICA			DARD		AND MIC			INECTORS SPECIFICATIO	N.		
	OPERATING TEMPERATURE RANGE VOLTAGE CURRENT 1) SIGNAL ONLY 2) POWER APPLY			-30 °C TO +85°C STORAGE TEMPERATURE RANGE				-30°C TO +85°C			
RATING				30V AC		OPERATIN RANGE	IG HUMIDITY	— % TO — %			
				① 1 A/pin		APPLICAB	LE CABLE	USB CABLE			
				② 1.8 A/pin (PIN No.1,5)				① SIGNAL : AWG 28 MAX			
				0.5 A/pin (PIN No.2—4)		② POWER : AWG 26 MAX					
				SPEC	IFIC/	SNOITA					
IT	ЕМ			TEST METHOD			REG	QUIREMENTS	QT	АТ	
CONSTR	UC	CTION	<u> </u>			I				1	
GENERAL EXAMINATION			VISUALLY AND BY MEASURING INSTRUMENT.			ACCO	ACCORDING TO DRAWING.			Х	
MARKING			CONFIRM	IED VISUALLY.					X	X	
FI FCTRI	CA	AL CHAI	RACTE	RISTICS							
CONTACT RESISTANCE			100 mA (DC OR 1000 Hz).			30 mg	30 mΩ MAX.			Χ	
INSULATION RESISTANCE			500 V DC.			100 N	100 MΩ MIN.			X	
VOLTAGE PROOF			100 V AC FOR 1 min.			NO F	NO FLASHOVER OR BREAKDOWN.			X	
CAPASITANCE			MEASURE ADJACENT TWO CONTACTS AT			2 pF I	2 pF MAX				
		1000 ± 10 Hz AC VOLTAGE									
		AL CHA	RACTI	ERISTICS							
INSERTION AND			A MAXIMUM RATE OF 12.5 mm/min.				INSERTION FORCE 35 N MAX.			_	
WITHDRAWAL FORCES MECHANICAL OPERATION		MEASURED BY APPLICABLE CONNECTOR. 10000 TIMES INSERTIONS AND EXTRACTIONS.				WITHDRAWAL FORCE 8 N MIN. 1) CONTACT RESISTANCE: NO INCREASE OF					
MEGINNIGATE OF EIGHT ON		TIMES INSERTIONS AND EXTRACTIONS.				MORE THAN 10 m Ω FROM INITIAL VALUE.			_		
		MATING SPEED			,	2) INSERTION FORCE 35 NMAX.					
		- MECHANICALLY OPERATED: 500 CYCLES / h - MANUALLY OPERATED: 200 CYCLES / h			WITHDRAWAL FORCE 8 N MIN. 3) NO DAMAGE, CRACK AND LOOSENESS OF						
						P	ARTS.		X		
VIBRATION		FREQUENCY 10 TO 55 Hz,				1) NO ELECTRICAL DISCONTINUITY OF 1 µs.			-		
				MPLITUDE 0.75 mm, AT 2 h,		,	O DAMAGE, (ARTS.	CRACK AND LOOSENESS O	F		
RADOM VIBRATION			FOR 3 DIRECTIONS, TOTAL 6 h. FREQUENCY 50 TO 2000 Hz, AT 15 min,							<u> </u>	
SHOCK			FOR 3 DIRECTIONS.						Х		
			490 m/s² DURATION OF PULSE 11 ms						V		
END/IDON				ES FOR 6 DIRECTIONS, TOTAL	L 18 TIME	S.			X	_	
				ACTERISTICS							
THERMAL SHOCK		TEMPERATURE -55 \rightarrow 15 TO 35 \rightarrow 85 \rightarrow 15 TO 3 TIME 30 \rightarrow 2 TO 3 \rightarrow 30 \rightarrow 2 TO 3 min UNDER 10 CYCLES.				 2) INSULATION RESISTANCE: 10 MΩ MIN. 3) NO DAMAGE, CRACK AND LOOSENESS OF PARTS. 			_		
					'						
		(MATING APPLICABLE CONNECTOR)			OI						
HUMIDITY LIFE		TEMPERATURE -10 TO 65 °C, HUMIDITY 90 TO 9			· ·			X			
				CYCLES. (168h)		PART	S.		^		
DRY HEAT		(MATING APPLICABLE CONNECTOR) EXPOSED AT +85±2 °C, 96 h.									
		(MATING APPLICABLE CONNECTOR) EXPOSED AT -40±2 °C, 96 h.						X	_		
			,	APPLICABLE CONNECTOR)					X		
CORROSION SALT MIST		EXPOSED IN 5 % SALT WATER, 35 °C FOR 48±4 h. TEMPERATURE: 350±10 °C				NO HEAVY CORROSION. NO DAMAGE, CRACK AND LOOSENESS			_		
RESISTANCE TO SOLDERING HEAT		TIME: 5±1 sec AT SOLDERING PARTS				OF PARTS.					
SOLDENING I	ILA		TIIVIL. SEI	SECAT SOLDLING PARTS		JOI FA	ANTO.				
COUN'	Т	DE		ON OF REVISIONS				CHECKED	1	TE	
REMARKS			DIS-E-00000492			TS. ITO APPRO		NM. NISHIMATSU D NM. NISHIMATSU		16. 03. 03 15. 10. 27	
		ot duara	intee the performance on these specific					KN. ICHIKAWA 15.			
			ated with the others which is not HIROS								
•			eified, refer to USB2.0, EIA364 or IEC 60					AK. AKIYAMA	15. 1		
•			est AT:Assurance Test X:Applicable Test					ELC-126085-30-0	<u> </u>	J. 41	
	Jan 1					DRAWING NO.					
HVS			SPECIFICATION SHEET			PART NO.		ZX20-B-5S-UNIT (30) CL242-0012-8-30			
		HIR	OSE E	LECTRIC CO., LTD.	D. CODE NO. C		CL242-0	L242-0012-8-30 A			