	BLE STAN	DARD		ND MICRO		AND CO	NNECTORS SPECIFICATIO	N.	
	OPERATING TEMPERATURE RANGE		-30 °C TO +85°C		STORAGE -30°C TO +85°C TEMPERATURE RANGE				
RATING	VOLTAGE		30V AC 0			PERATING HUMIDITY -% TO %			
	CURRENT ① SIGNAL ONLY ② POWER APPLY				APPLICABLE	CABLE	-		
	-		SPEC	IFICAT	IONS				
г	EM		TEST METHOD			RE	QUIREMENTS	QT	AT
			TEOT METHOD				QUINEMENTO	Q.	
GENERAL EX		VISUALLY AND BY MEASURING INSTRUMENT.			ACCOR	DING TO DE	RAWING.	Х	Х
MARKING		CONFIRMED VISUALLY.							
ELECTR	ICAL CHA	RACTE	RISTICS						
CONTACT RE	SISTANCE	100 mA (E	DC OR 1000 Hz).		30 mΩ M	MAX.		Х	Х
INSULATION RESISTANCE		500 V DC.			100 MΩ	100 MΩ MIN.			Х
VOLTAGE PROOF		100 V AC FOR 1 min.			NO FLA	NO FLASHOVER OR BREAKDOWN.			Х
CAPACITANCE		MEASURE ADJACENT TWO CONTACTS AT 1000±10 Hz AC VOLTAGE.			2 pF N	2 pF MAX.			-
-		-						-	1
INSERTION AND WITHDRAWAL FORCES		A MAXIMUM RATE OF 12.5 mm/min. MEASURED BY APPLICABLE CONNECTOR.				INSERTION FORCE 35 N MAX. WITHDRAWAL FORCE 8 N MIN.			-
MECHANICAL OPERATION		10000 TIMES INSERTIONS AND EXTRACTIONS.					STANCE: NO INCREASE OF	X	- 1
		MATING SPEED - MECHANICALLY OPERATED: 500 CYCLES / h - MANUALLY OPERATED: 200 CYCLES / h			MOF ② INSE WIT ③ NO I	 MORE THAN 10 mΩ FROM INITIAL VALUE. (2) INSERTION FORCE 35 N MAX. WITHDRAWAL FORCE 8 N MIN. (3) NO DAMAGE, CRACK AND LOOSENESS, OF PARTS. 			
VIBRATION		FREQUENCY 10 TO 55 Hz, SINGLE AMPLITUDE 0.75 mm, AT 2 h, FOR 3 DIRECTIONS, TOTAL 6 h.			 NO 	 NO ELECTRICAL DISCONTINUITY OF 1 μs. NO DAMAGE, CRACK AND LOOSENESS, OF PARTS. 			-
RADOM VIBR	ATION	FREQUENCY 50 TO 2000 Hz, AT 15 min, FOR 3 DIRECTIONS.						х	-
SHOCK		490 m/s ² DIRECTIONS OF PULSE 11 ms AT 3 TIMES FOR 6 DIRECTIONS, TOTAL 18 TIMES.							_
ENVIRO	NMENTAL	CHAR	ACTERISTICS						
THERMAL SHOCK		TEMPERATURE -55 \rightarrow 15 TO 35 \rightarrow 85 \rightarrow 15 TO 35 °CTIME30 \rightarrow 2 TO 3 \rightarrow 30 \rightarrow 2 TO 3 min.UNDER 10 CYCLES.(MATING APPLICABLE CONNECTOR)			② INSU③ NO I	 CONTACT RESISTANCE: 70 mΩ MAX. INSULATION RESISTANCE: 10 MΩ MIN. NO DAMAGE, CRACK AND LOOSENESS, OF PARTS. 			-
HUMIDITY LIFE		TEMPERATURE -10 TO 65 °C, HUMIDITY 90 TO 98 %, UNDER 7 CYCLES (168h) (MATING APPLICABLE CONNECTOR)			, NO DAN	NO DAMAGE, CRACK AND LOOSENESS OF PARTS.			-
DRY HEAT	DRY HEAT		EXPOSED AT +85±2 °C, 96 h.					х	_
COLD		(MATING APPLICABLE CONNECTOR) EXPOSED AT -40±2 °C, 96 h.							-
			APPLICABLE CONNECTOR)					Х	-
CORROSION	CORROSION SALT MIST		D IN 5 % SALT WATER, 35 °C F DER UNMATED CONDITION)	OR 48 h.	NO HEA	NO HEAVY CORROSION.			_
COUN	IT D	ESCRIPTI	ION OF REVISIONS		ESIGNED		CHECKED	DA	TE
1		DIS-	-E-00000490		TS. ITO		NM.NISHIMATSU	16.0	3. 02
REMARK		uarantee the performance on these spe ill be mated with the others which is not				APPROVE		15.1	0. 27
								15.1	
						DESIGNE			0. 27
		cified, refer to USB2.0, EIA364 or IE			60512. DRAWN		AK. AKIYAMA		
		est AT:Assurance Test X:Applicable Test				DRAWING NO. ELC-126102-3 TNO 7800 P ES (20)		0-00)
HRS s		PECIFICATION SHEET			ART NO.	ZX80-B-5S (30) D. CL242-0017-1-30			
		OSE ELECTRIC CO., LTD.							1/2

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	SPECIFIC				1
ITEM	TEST METHOD		REQUIREMENTS	QT	A
ESISTANCE TO OLDERING HEAT	A PROFILE IS SHOWN IN FIG-1, UNDER 2 CYCLE	E. NO DAM. PARTS.	AGE, CRACK AND LOOSENESS OF	Х	-
		171(10.			1
		FIG-1			
	RESISTANCE OF SOLDERING HEAT (TEMP		OP SURFACE OF CONNECTOR)		
	(°C)				
	250 - 25	500			
		20°C MIN			
	1800				
	150 1500				
	100 - <u>120 s</u>		5		
	50 /				
		>			
	RECOMMENDED PROFILE REFERS FIG-2 RECOMMENDED RE				
	TIG-2 RECOMMENDED RE		TEMPERATORE		
	(°C)				
	250 2400				
	230°C	MIN			
	200 180°C	_	\setminus		
	150-150°C				
	100 /				
	<u>60 S</u>	<u>30 S</u>			
	50 /				
		\longrightarrow			
ato OT-O1'0				20.00	
	cation Test AT:Assurance Test X:Applicable Test	DRAWIN		-30-00)
ote QT:Qualific	ation Test AT:Assurance Test X:Applicable Test	DRAWIN PART NO. CODE NO	G NO. ELC-126102- ZX80-B-5S (30) CL242-0017-1-30	1 1)