APPLICA	BLE STAN	DARD	USB3.0 SPECIFICAT		MICRO-	-USB C	ABLE AN		NECTORS	SPECIFIC	ATION	۱.
	OPERATING TEMPERATUR	E RANGE	-30°C TO +85°C	STORAGE TEMPERATURE RAI		NGE	-30°C TO +60°C					
					-		SIGNAL ONLY 1.0 A/pin					
RATING								-	1.0 A/pin , 1.8 A/pin (	PIN No.1.	No.5)	
	VOLTAGE		30V AC	Cl	CURRENT		POWER APP		Y 0.5 A/pin (PIN No.2-No			
					FICATION						,,	
						12					0.7	
			TEST METHOD				R	EQUIR	EMENTS		QT	AT
CONSTRUCTION GENERAL EXAMINATION		VISUALLY AND BY MEASURING INSTRUMENT.				ACCORDING TO DRAWING.					X	Х
MARKING		CONFIRMED VISUALLY.									X	X
											^	^
	C CHARA					20 mO						
CONTACT RESISTANCE		100 mA (DC OR 1000 Hz). 500 V DC.				30 mΩ MAX. 1000 MΩ MIN.					X	X
INSULATION RESISTANCE		500 V DC. 100 V AC FOR 1 min.									X	X
VOLTAGE PROOF						NO FLASHOVER OR BREAKDOWN.					X	Х
CAPACITANCE		MEASURE ADJACENT TWO CONTACTS AT $1000 \pm 10$ Hz AC VOLTAGE.				2 pF MAX.					Х	_
MECHAN	ICAL CHA											
INSERTION A		A MAXIMUM RATE OF 12.5 mm/min					INSERTION FORCE 35 N MAX.					_
WITHDRAWAL FORCES		MEASURED BY APPLICABLE CONNECTOR				WITH	WITHDRAWAL FARCE 10 N MIN.(INITIAL)					
MECHANICA	L OPERATION	10000 TIMES INSERTIONS AND EXTRACTIONS.				1) COI	NTACT RE	SISTAN	CE:		1	+
		MATING SPEED							RE THAN 10 r	mΩ	x	_
		- MECHANICALLY OPERATED : 500 CYCLES / h or - MANUALLY OPERATED : 200 CYCLES / h				FROM INITIAL VALUE. 2) INSERTION FORCE 35 N MAX. WITHDRAWAL FORCE 8 N MIN.						
						3) NO DAMAGE, CRACK AND LOOSENESS						
VIBRATION		FREQUENCY 10 TO 55 Hz					PARTS.			<u> </u>		
VIDRATION		SINGLE AMPLITUDE 0.75 mm, AT 2h				1) ΝΟ 1μs.		AL DIS		JF	Х	_
		(6 HOURS IN TOTAL) FOR 3 AXIAL DIRECTIONS.				2) NO	DAMAGE,	CRACK	AND LOOSEI	NESS		
RANDOM VIB	RATION	FREQUENCY 50 TO 2000 Hz AT 15 min (45 MINUTES IN TOTAL) FOR 3 AXIAL DIRECTIONS.				OF F	PARTS.				Х	
SHOCK		490 m/s <sup>2</sup> DIRECTIONS OF PULSE 11 ms AT 3 TIMES FOR								Х	-	
		6 DIRECTI	ONS. (18 TIMES.)									-
ENVIRO	MENTAL	CHARA	ACTERISTICS									
THERMAL SHOCK		TEMP $-55 \rightarrow +15 \text{ TO } +35 \rightarrow +85 \rightarrow +15 \text{ TO} + 35 ^{\circ}\text{C}$ TIME $30 \rightarrow 2 \text{ TO } 3 \rightarrow 30 \rightarrow 2 \text{ TO } 3 \text{ min.}$ UNDER 10 CYCLES.				,			CE: 70 mΩ M		v	
						2) INSULATION RESISTANCE: $100 \text{ M}\Omega$ MIN. 3) NO DAMAGE, CRACK AND LOOSENESS				X	_	
		(MATING APPLICABLE CONNECTOR)				OF PARTS.						
HUMIDITY LIFE		TEMPERATURE -10~65 °C, HUMIDITY 90 TO				NO DAMAGE, CRACK AND LOOSENESS OF				Х	_	
		98 %, UNDER 7 CYCLES (168 h)				PARTS.						^
		$\begin{array}{l} \mbox{(MATING APPLICABLE CONNECTOR)} \\ \mbox{EXPOSED AT} & 85 \pm 2 \ + 25 \ ^{\circ}\mbox{C}, \ 96 \ h. \end{array}$				NO DAMAGE, CRACK AND LOOSENESS OF						
······		(MATING APPLICABLE CONNECTOR)				PARTS.					Х	-
COLD		EXPOSED AT $-40 \pm 2$ +25 °C, 96 h.				NO DAMAGE, CRACK AND LOOSENESS OF				SS OF	X	1
000000000000000000000000000000000000000		(MATING APPLICABLE CONNECTOR)				PARTS						<u>                                     </u>
CORROSION SALT MIST		EXPOSED AT 5 % SALT WATER, 35 °C, FOR 48h. (LEFT UNDER UNMATED CONDITION.)			h.	NO HEAVY CORROSION.					Х	_
RESISTANCE TO		A PROFILE IS SHOWN IN FIG-1, UNDRE 2 CYCLE			.ES.	NO DEFORMATION OR SIGNIFICANT				v		
SOLDERING HEAT						LOOSENESS OF CONTACTS.					X	-
COUN	T DE	SCRIPTION OF REVISIONS DE		DESIG	GNED CHECKED					DA	TE	
$\mathbf{\nabla}$												
REMARK APPROVED NM. NISHIMATSU								MATSU	15.1	0. 27		
	-	antee the performance on these specif				0			KN. ICHI	KAWA	15. 10. 2	
	•	will be mated with the others which			vhich is	is not DESIGNED			TS. ITO		15.1	0. 27
HIROSE's						DRAWN					15 4	0 07
Jnless oth	erwise spe	cified, refer to USB3.0, EIA364 or IEC 6			<u>605</u> 12	512.		'IN	AK. AKIYAMA 15.		15.1	0. 27
Note QT:Qualification Test AT:Assurance Test X:Applicable Test					DF	DRAWING NO.			ELC-127028-30-00			
שכ	SF	SPECIFICATION SHEET			PART NO.			ZX360D-B-10P(30)				
		OSE ELECTRIC CO., LTD.			CODE NO.		CI	CL242-0500-1-30			⋒	1/2
					SODE NO.		UL					1/2

