APPLICA	BLE STAN	DARD	USB2.0 SPECIFICATIO			B CAB	LE AND	CONN	ECTOR	S SPECIFICAT	ON.		
OPERATING TEMPERATURE RANGE			-30°C TO +85°C STORAGE TEMPERATURE RA		-30°C TO +60 °C								
DATING	TEWN ENATONE NAME			TEMI ENATORE R			SIGNAL ONLY 1.0 A/pin						
RATING	VOLTA	GE	30 V AC	CU	IRRENT	Б	OWER	A DDI V	, 1.8 /	A/pin (PIN No.1,	5)	j)	
VOLIA			00 7 70			r	OWER	AFFLI	0.5	A/pin (PIN No.2	-4)		
			SPE	CIFIC	ATIO	NS							
ITEM			TEST METHOD				REQUIREMENTS			QT	AT		
CONSTR	UCTION	1											
			LY AND BY MEASURING INSTRUMENT.			ACCORDING TO DRAWING.				Х	Χ		
MARKING CON		CONFIRI	ONFIRMED VISUALLY.							Х	Х		
ELECTRI	C CHARA	CTERIS	STICS										
		100 mA (	DC OR 1000 Hz).			30 mΩ	MAX.				Х	Х	
INSULATION RESISTANC		500 V DC.			1000 M	MΩ MIN.				X	Х		
VOLTAGE P		100 V AC FOR 1 min.			NO FI	NO FLASHOVER OR BREAKDOWN.				X	Х		
			MEASURE ADJACENT TWO CONTACTS AT					-11 011	DICEAN		-		
CAPASITAN	CE	1000±10	Hz AC VOLTAGE.			2 pF MAX.				Х	_		
	ICAL CHA												
INSERTION	=	A MAXIMUM RATE OF 12.5 mm/min.			D		TION FO			N MAX.	Х	_	
WII HUKAW	AL FORCES	IVIEASUR	MEASURED BY APPLICABLE CONNECTOR.				DRAWAL NTACT F			N MIN. NO INCREASE			
		10000 TI	10000 TIMES INSERTIONS AND EXTRACTIONS.			OF MORE THAN 10 mΩ FROM INITIAL							
MECHANICAL		MATING SPEED				l l	VALUE.						
OPERATION	I		SPEED ANICALLY OPERATED: (	500 CYCL	ES/h	,	NSERTION FORCE 35 N MAX. WITHDRAWAL FORCE 8 N MIN. NO DAMAGE, CRACK AND				X	-	
			ALLY OPERATED: 200 C			3) NO							
						LOOSENESS, OF PARTS.  1) NO ELECTRICAL DISCONTINUITY OF							
VIBRATION  RANDOM VIBRATION		FREQUENCY 10 TO 55 Hz SINGLE AMPLITUDE 0.75 mm, AT 2h (6 HOURS IN TOTAL) FOR 3 AXIAL DIRECTIONS.			1) NO ELECTRICAL DISCONTINUITY OF 1 us.				X	_			
						2) NO DAMAGE, CRACK AND LOOSENESS, OF PARTS.							
		FREQUENCY 50 TO 2000 Hz AT 15 min			OF					Х	_		
		FOR 3 AXIAL DIRECTIONS.  490m/s <sup>2</sup> DURATIONS OF PULSE 11 ms AT 3											
SHOCK			S FOR 6 DIRECTIONS, TOTAL 18 TIMES.								X	-	
ENVIRON	MENTAL	CHARA	ACTERISTICS										
			TEMP -55 →+15 TO +35→+85→+15 TO +35 °C			1) CONTACT RESISTANCE: 70 mΩ MAX.							
THERMAL S	HOCK	TIME $30 \rightarrow 2 \text{ TO } 3 \rightarrow 30 \rightarrow 2 \text{ TO } 3 \text{ min}$ UNDER 10 CYCLES. (MATING APPLICABLE CONNECTOR)			<ul><li>2) INSULATION RESISTANCE: 10 MΩ MIN.</li><li>3) NO DAMAGE, CRACK AND LOOSENESS, OF PARTS.</li></ul>				X	-			
		TEMPERATURE -10∼65 °C, HUMIDITY 90 TO			NO DAMAGE, CRACK AND LOOSENESS,								
HUMIDITY L	IFE	98 %, UNDER 7 CYCLES (168 h)			OF PA		2.0.0			X	-		
			(MATING APPLICABLE CONNECTOR)  EXPOSED AT 85±2 °C , 96 h.			NO DAMAGE, CRACK AND LOOSENESS,				+ -			
COLD (MA) (MA) (MA)		(MATING APPLICABLE CONNECTOR)				OF PARTS.				Х	_		
		EXPOSED AT -40±2 °C, 96 h.				NO DAMAGE, CRACK AND LOOSENESS,				Х	_		
			MATING APPLICABLE CONNECTOR) XPOSED AT 5 % SALT WATER, 35 °C FOR			OF PARTS.							
CORROSION	N SALT MIST		T UNDER UNMATED CO			NO HE	AVY CC	RROS	SION OF	CONTACTS.	X	-	
COUN	T DE	SCRIPTION	ON OF REVISIONS		DESIG	SNED			CHE	CKED	DA	TE	
Δ													
REMARK	The state of the s						15. 1	0. 27					
HIROSE will not guarantee the performance on these specific				e not		. ICHIKAWA	15. 10. 27						
case this product will be mated with the HIROSE's.				uners V	rs which is no		DESIGNED		TS. ITO		15. 1	0. 27	
Inless otherwise specified, refer to USB2.0, EIA364 or IEC 60512.  DRAWN  AK. AKIYAMA					15. 1	0. 27							
			· · · · · · · · · · · · · · · · · · ·		60512	2.		-					
Note QT:Qualification Test AT:Assurance Test X:Applicable Test DR				RAWING NO. ELC-126186-30			30-00	)					
HS.	SF	PECIFICATION SHEET			PART	NO.	o. ZX62M-B-5P (30)						
HIR		OSE EI	ELECTRIC CO., LTD. CODI			E NO. CL242-0024-7-30			Δ	1/2			
ORM HD0011-	-2-1												

SPECIFICATIONS								
ITEM	TEST METHOD	REQUIREMENTS	QT	АТ				
	SOLDERING POINT IMMERSED IN SOLDER BATH OF 255±5°C,5 sec. (USING TYPE R FLAX)	SOLDER SHALL COVER MINIMUM OF 95% OF THE SURFACE BEING IMMERSED	Х	_				
	,	NO DAMAGE, CRACK AND LOOSENESS, OF PARTS.	Х	_				

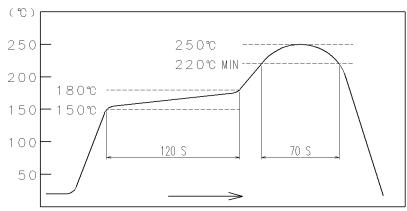


FIG – 1 <u>RESISTANCE TO SOLDERING HEAT</u> (TEMPERATURE AT TOP SURFACE OF CONNECTOR)

## RECOMMENDED PROFILE REFERS TO FIG – 2. (TEMPERATURE AT SMT LEADS)

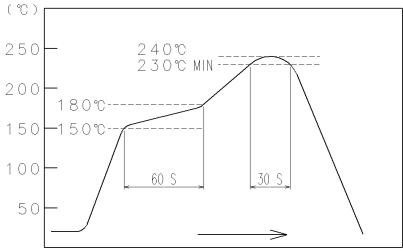


FIG - 2 RECOMMENDED REFLOW PROFILE TEMPERATURE

Note QT:0	Qualification Test AT:Assurance Test X:Applicable Test	DRAWIN	IG NO.	ELC-126186-30-00		
HS.	SPECIFICATION SHEET	PART NO.	ZX62M-B-5P(30)			
	HIROSE ELECTRIC CO., LTD.	CODE NO	CL242	2-0024-7-30	$\triangle$	2/2