APPLICAE	BLE STAN	DARD	USB2.0 SPECIFICATION	N AND M	ICRO-US	B CAB	BLE AND	CONN	ECTORS SPECIFICATION	DN.	
OPERATING		EDANCE	−30°C TO +85°C	STORAGE		MCE		-30°	С то +60 °С 🔏		
	TEMPERATUR	E HANGE		TEMPERA	ATUKE KA		SIGNAL (		1.0 A/pin		
RATING	VOI TA	GE	30 V AC	CL	JRRENT	H			1.8 A/pin (PIN No.1.N	lo.5)	
	VOLTAGE		00 V AO				POWER	APPLY	0.5 A/pin (PIN No.2-N		
			SPEC	CIFICA	ATIO	NS					
ITE	ΞM		TEST METHOD				ı	REQUI	REMENTS	QT	АТ
CONSTR											
GENERAL EXAMINATION \		VISUALL	ISUALLY AND BY MEASURING INSTRUMENT.			ACCO	RDING	TO DRA	AWING.	Χ	Х
MARKING		CONFIRM	CONFIRMED VISUALLY.							Х	Х
ELECTRI	C CHARA	CTERIS	STICS								
CONTACT RESISTANCE		100 mA (DC OR 1000 Hz).			30 mΩ MAX.			Х	Χ		
NSULATION		500 V DC	500 V DC.			100 MΩ MIN.				Χ	Х
RESISTANCI VOLTAGE PI		100 V AC FOR 1 min			NO FLASHOVER OR BREAKDOWN.				X	Х	
			100 V AC FOR 1 min. MEASURE ADJACENT TWO CONTACTS AT					LN ON	BREARDOWN.		^
CAPASITAN	CE		Hz AC VOLTAGE.	17.0107		2 pF N	ЛАХ.			Х	_
MECHANI	ICAL CHA	RACTE	RISTICS			•				•	
INSERTION A			IUM RATE OF 12.5 mm/m			_	RTION FO	-		Х	_
WITHDRAWA	AL FORCES	MEASUR	RED BY APPLICABLE CO	NNECTO	R.		DRAWAL			^	
		10000 TII	MES INSERTIONS AND E	XTRACT	IONS.				TANCE: NO INCREASE 10 mΩ FROM INITIAL		
		MATINIC	CDEED			VA	LUE.				
MECHANICA OPERATION		MATING - MECH	SPEED IANICALLY OPERATED:	500 CYC	IFS / h	2) INS	2) INSERTION FORCE 35 N MAX.				_
01 210 111011		- MECHANICALLY OPERATED: 500 CYCLES / h OR			,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,						
		- MANUALLY OPERATED: 200 CYCLES / h				3) NO DAMAGE, CRACK AND LOOSENESS, OF PARTS.					
		FREQUENCY 10 TO 55 Hz			NO ELECTRICAL DISCONTINUITY OF			Х			
VIBRATION						1 μs.			_		
					2) NO DAMAGE, CRACK AND LOOSENESS, OF PARTS.			$\rightarrow$			
RANDOM VIE	BRATION	FREQUENCY 50 TO 2000 Hz AT 15 min FOR 3 AXIAL DIRECTIONS.				FANIS.	•		Χ	_	
SHOCK			490m/s <sup>2</sup> DURATIONS OF PULSE 11 ms AT 3							Χ	_
		1	OR 6 DIRECTIONS, TOTA	AL 18 TIM	IES.					, ,	
ENVIRON	IMENTAL		ACTERISTICS	4570.0	25.00	4) 00	NITAOT	DEOLO	TANOE: 70 O MAY	1	l
		TEMP -55 $\rightarrow$ +15 TO +35 $\rightarrow$ +85 $\rightarrow$ +15TO+35 °C TIME 30 $\rightarrow$ 2 TO 3 $\rightarrow$ 30 $\rightarrow$ 2 TO 3 min UNDER 10 CYCLES.			<ol> <li>CONTACT RESISTANCE: 70 mΩ MAX.</li> <li>INSULATION RESISTANCE: 10 MΩ MIN.</li> </ol>			х			
THERMAL SI	HOCK				3) NO DAMAGE, CRACK AND LOOSENESS, OF PARTS.				_		
		(MATING APPLICABLE CONNECTOR)									
		TEMPERATURE -10~65 °C, HUMIDITY 90 TO			NO DAMAGE, CRACK AND LOOSENESS,						
HUMIDITY LI	ΓC		98 %, UNDER 7 CYCLES (168 h) (MATING APPLICABLE CONNECTOR)			OF PARTS.				X	_
		EXPOSED AT +85±2 °C , 96 h.			NO DAMAGE, CRACK AND LOOSENESS,				V		
DRY HEAT		(MATING APPLICABLE CONNECTOR)			OF PARTS.			Х	_		
COLD		EXPOSED AT -40±2 °C , 96 h.			NO DAMAGE, CRACK AND LOOSENESS, OF PARTS.			Χ	_		
EYI			(MATING APPLICABLE CONNECTOR)  EXPOSED AT 5 % SALT WATER, 35 °C,			NO HEAVY CORROSION.				_	
CORROSION	I SALT MIST		. (LEFT UNDER UNMATE		ITION.)		_,,,,,			Х	_
COUNT	Γ DE	SCRIPTIO	ON OF REVISIONS		DESIG	SNED			CHECKED	DA	TE
1		DIS-	E-00010987		KG. O	KITA			MN. KENJO	2022	0829
REMARK			APPRO	OVED	NM. NISHIMATSU	2015	1027				
HIROSE will not guarantee the performance on these specification					KED	KN. ICHIKAWA	20151027				
case this product will b HIROSE's.		vill be	be mated with the others which i			s not DESIGNED		NED	TS. ITO	2015102	
					DRAWN		۸/۸۱	AV AVIVANA	2015	1007	
Unless oth	erwise spe	cified, re	fer to USB2.0, EIA36	4 or IEC	60512	2.	DKA	VVIN	AK. AKIYAMA	2015	1027
Note QT:Qu	alification Tes	st AT:Ass	surance Test X:Applicable	Test	DI	RAWI	NG NO.		ELC-126332-3	3-00	)
HS.	SPECIFICATION SHEET			PART	T NO. ZX62-B-5PA (33)		ZX62-B-5PA (33)				
HIR			LECTRIC CO. LED		E NO. CL0242-0033-8-33		2-0033-8-33	1	1/2		
ORM HD0011-					1 3356		Į.	12			

SPECIFICATIONS								
ITEM	TEST METHOD	REQUIREMENTS	QT	ΑТ				
SOLDERABILITY	SOLDERING POINT IMMERSED IN SOLDER BATH		Х					
	OF 255±5°C, 5 sec. (USING TYPE R FLAX)	OF THE SURFACE BEING IMMERSED	^					
RESISTANCE TO SOLDERING HEAT	A PROFILE IS SHOWN IN FIG-1, UNDER 2 CYCLES.	NO DEFORMATION OR SIGNIFICANT LOOSENESS OF CONTACTS.	Х	_				

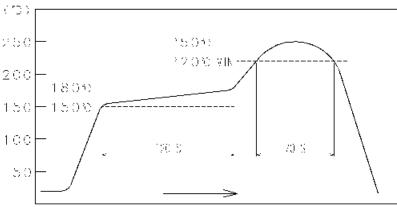


FIG – 1 RESISTANCE TO SOLDERING HEAT (TEMPERATURE AT TOP SURFACE OF CONNECTOR)

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

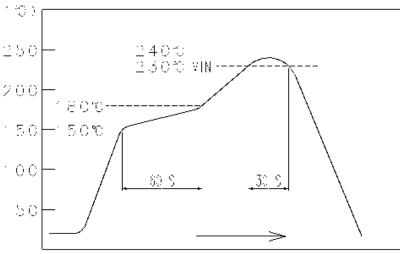


FIG - 2 RECOMMENDED REFLOW PROFILE TEMPERATURE

Note QT:Q	Qualification Test AT:Assurance Test X:Applicable Test	DRAWIN	NG NO.	ELC-126332-33-00		
ЖS	SPECIFICATION SHEET	PART NO.				
1	HIROSE ELECTRIC CO., LTD.	CODE NO	CL024	2-0033-8-33	$\Delta$	2/2