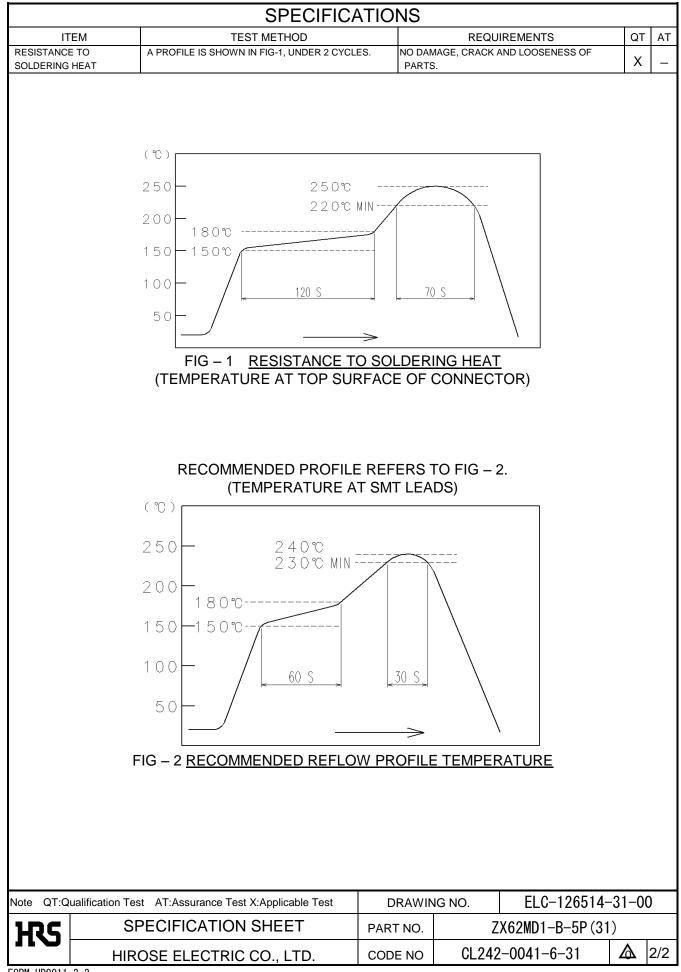
APPLICA	ABLE STAN		USB2.0 SPECIFICAT	-		USB CA	ARLES AND	CON	NECTORS SPECIF	ICATIO	IN.
	OPERATING TEMPERATURE RANGE		-30°C TO +85°C		STORAGE TEMPERATURE RAN			_	30°C TO +60°C		
RATING			+			-	SIGNAL ONI	Y	1.0 A/pin		
		ACE	AC 30V	CL	JRRENT		•		1.8 A/pin (PIN No.1	1,No.5)	
	VOLTAGE		AC 30V				FOWER AFFLI		0.5 A/pin (PIN No.2-No.4)		
			SPEC								
						NO.					
	TEM		TEST METHOD				REQ	UIRE	MENTS	QT	A
	RUCTION										
GENERAL EXAMINATION			VISUALLY AND BY MEASURING INSTRUMENT.			ACCORDING TO DRAWING.				X	
										Х	X
	CAL CHA										
		100 mA (DC OR 1000 Hz).				30 mΩ MAX.				X	>
INSULATION RESISTANCE		500 V DC.								X	×
VOLTAGE PROOF		100 V AC FOR 1 min.				NO FLASHOVER OR BREAKDOWN.				X	X
CAPACITANCE		MEASURE ADJACENT TWO CONTACTS AT 1000±10 Hz AC VOLTAGE.				2 pF M	IAX.			X	_
MECHAN	NICAL CHA										1
INSERTION			A MAXIMUM RATE OF 12.5 mm/min				TION FORCE	3	5 N MAX.	Х	-
WITHDRAWAL FORCES		MEASUR	MEASURED BY APPLICABLE CONNECTOR				WITHDRAWAL FARCE 8 N MIN.				
MECHANICAL OPERATION		10000 TI						TANC	۰ <u>۲</u> .		_
			10000 TIMES INSERTIONS AND EXTRACTIONS.				1) CONTACT RESISTANCE: NO INCREASE OF MORE THAN 10 m Ω				
			MATING SPEED - MECHANICALLY OPERATED : 500 CYCLES / h - MANUALLY OPERATED : 200 CYCLES / h				FROM INITIAL VALUE.			X	_
		- MANUAI					2) INSERTION FORCE 35 N MAX. WITHDRAWAL FORCE 8 N MIN. 3) NO DAMAGE, CRACK AND LOOSENESS				
						'	PARTS.				
VIBRATION RANDOM VIBRATION			FREQUENCY 10 TO 55 Hz					DISC	ONTINUITY OF	v	
			SINGLE AMPLITUDE 0.75 mm, AT 2h (6 HOURS IN TOTAL) FOR 3 AXIAL DIRECTIONS.							X	-
		-	FREQUENCY 50 TO 2000 Hz AT 15 min				DAMAGE, CR PARTS.	AUK	AND LOOSENESS	Х	
SHOCK			(45 MINUTES IN TOTAL) FOR 3 AXIAL DIRECTIONS.								-
			ACCELERATION 490 m/s ² , DURATION OF PULSE 11 ms AT 3 TIMES FOR 6 DIRECTIONS.(18 TIMES IN TOTAL)							Х	
				I IIVIES IN I	UTAL)						-
THERMAL S				5 TO+ 35 °C	<u>`</u>	1) CO					
			TEMP $-55 \rightarrow +15$ TO $+35 \rightarrow +85 \rightarrow +15$ TO $+35 ^{\circ}$ C TIME $30 \rightarrow 2$ TO $3 \rightarrow 30 \rightarrow 2$ TO 3 min			1) CONTACT RESISTANCE: 70 m Ω MAX. 2) INSULATION RESISTANCE: 10 M Ω MIN.				Х	_
			UNDER 10 CYCLES. (MATING APPLICABLE CONNECTOR)						AND LOOSENESS		
							OF PARTS.				_
HUMIDITY LIFE DRY HEAT COLD CORROSION SALT MIST SOLDERABILITY COUNT DE			TEMPERATURE -10 ~ 65 °C, HUMIDITY 90 TO 98 % UNDER 7 CYCLES (168 h) (MATING APPLICABLE CONNECTOR)				NO DAMAGE, CRACK AND LOOSENESS OF PARTS.				_
			EXPOSED AT 85±2 °C, 96 h.				NO DAMAGE, CRACK AND LOOSENESS OF				
			(MATING APPLICABLE CONNECTOR)			PARTS.				X	-
			EXPOSED AT -40±2 °C, 96 h. (MATING APPLICABLE CONNECTOR)			NO DAMAGE, CRACK AND LOOSENESS OF PARTS.				Х	-
			EXPOSED AT 5 % SALT WATER, 35 °C, FOR 48h.			NO HEAVY CORROSION OF CONTACTS.					
			(LEFT UNDER UNMATED CONDITION)							Х	-
							DLDER SHALL COVER MINIMUM OF 95% OF			X	_
			255±5°C,5 sec. (USING TYPE R FLAX) SCRIPTION OF REVISIONS			THE SURFACE BEING IMMERSED.			_	ATE	
				+	DESIG				UNLONED		11
AA REMARK							APPROVED		NM. NISHIMATSU	1 - 4	10.0
	will not que	arantee th	antee the performance on these specification vill be mated with the others which is							15. 10. 2	
	-						0		KN. ICHIKAWA		
case this	•						DESIGNED		TS. ITO	15.10.2	
case this		cified refer to LISB2 0 ELA364 or IEC 6			60510		DRAWN	DRAWN AK. AKIYAMA		15.1	10.2
HIROSE's	horwiee	Unless otherwise specified, refer to USB2.0, EIA364 or IEC 6051									
HIROSE's			_			RAWING NO.			ELC-126514-31-00		
HIROSE's		est AT:Ass	urance Test X:Applicable	Test	DR	RAWIN					0
HIROSE's	Qualification To	PECIFI	urance Test X:Applicable CATION SHEET ECTRIC CO., LTD		DR PART			ZX6	2MD1-B-5P (31		<u> </u>

FORM HD0011-2-1



FORM HD0011-2-2