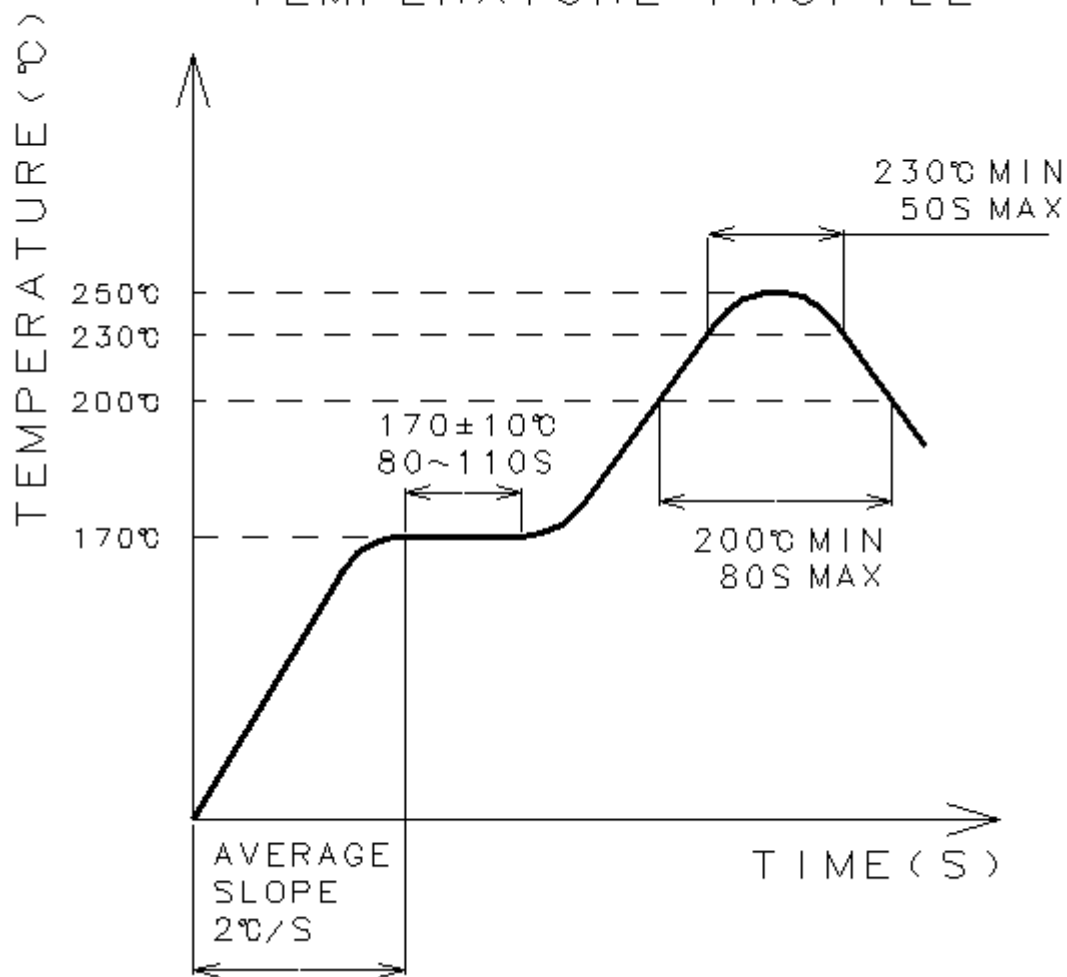


APPLICABLE STANDARD		USB2.0 SPECIFICATION			
RATING	OPERATING TEMPERATURE RANGE	-30°C TO +75°C	STORAGE TEMPERATURE RANGE	1 -40°C TO +60°C	
	VOLTAGE	30 V AC	CURRENT	1A	
SPECIFICATIONS					
ITEM		TEST METHOD	REQUIREMENTS	QT	AT
CONSTRUCTION					
GENERAL EXAMINATION		VISUALLY AND BY MEASURING INSTRUMENT.	ACCORDING TO DRAWING.	X	X
MARKING		CONFIRMED VISUALLY.		X	X
ELECTRICAL CHARACTERISTICS					
CONTACT RESISTANCE		100 mA (DC OR 1000 Hz).	50 mΩ MAX.	X	X
CONTACT RESISTANCE MILLIVOLT LEVEL METHOD.		20 mV MAX, 100 mA(DC OR 1000 Hz).		X	—
INSULATION RESISTANCE		100 V DC	100 MΩ MIN.	X	X
VOLTAGE PROOF		100 V AC FOR 1min.	NO FLASHOVER OR BREAKDOWN	X	X
CAPASITANCE		MEASURE ADJACENT TWO CONTACTS AT 1000±10Hz AC VOLTAGE.	2 pF MAX	X	—
MECHANICAL CHARACTERISTICS					
INSERTION AND WITHDRAWAL FORCES		MEASURED BY APPLICABLE CONNECTOR.	INSERTION FORCE 35 N MAX. EXTRACTION FORCE 7 N MIN.	X	—
MECHANICAL OPERATION		5000 TIMES INSERTIONS AND EXTRACTIONS.	① CONTACT RESISTANCE: 70 mΩ MAX. ② EXTRACTION FORCE 4 N MIN. ③ NO DAMAGE, CRACK AND LOOSENESS, OF PARTS.	X	—
VIBRATION		FREQUENCY 10 TO 55 Hz, SINGLE AMPLITUDE 0.75 mm AT 2 h, FOR 3 DIRECTIONS.	① NO ELECTRICAL DISCONTINUITY OF 1 μs. ② NO DAMAGE, CRACK AND LOOSENESS,OF PARTS.	X	—
RANDOM VIBRATION		FREQUENCY 50 TO 2000 Hz, AT 15 min, FOR 3 DIRECTIONS.		X	—
SHOCK		490 m/s2 DIRECTIONS OF PULSE 11 ms AT 3TIMES FOR 6 DIRECTIONS. HALF SINE WAVE		X	—
ENVIRONMENTAL CHARACTERISTICS					
THERMAL SHOCK		TEMPERATURE -55→ 20~35→ 85→ 20~35 °C TIME 30 → 2~3 → 30 → 2~3 min UNDER 10 CYCLES,	① CONTACT RESISTANCE: 70 mΩ MAX. ② NO DAMAGE, CRACK AND LOOSENESS, OF PARTS.	X	—
HUMIDITY LIFE		TEMPERATURE -10~65 °C, HUMIDITY 90 TO 98 %, UNDER 7 CYCLES (168 h)	① INSULATION RESISTANCE: 10 MΩ MIN.(AT DRY) ② NO DAMAGE, CRACK AND LOOSENESS, OF PARTS.	X	—
CORROSION SALT MIST		EXPOSED IN 5% SALT WATER SPRAY FOR 48 h. (JIS C 5402)	① CONTACT RESISTANCE: 70 mΩ MAX. ② NO HEAVY CORROSION.	X	—
SOLDERABILITY		SOLDERED AT TEMP.245°C FOR IN IMMERSION,DURATION,2~3 S.	SOLDER SHALL COVER A MINIMUM OF 95% OF THE SURFACE BEING IMMERSED.	X	—
	COUNT	DESCRIPTION OF REVISIONS	DESIGNED	CHECKED	DATE
△					
REMARK			APPROVED	NM. NISHIMATSU	15. 05. 18
1 STORAGE TEMPERATURE RANGE SHOWS STORAGE CONDITION FOR UNUSED PRODUCTS INCLUDING PACKING MATERIALS.			CHECKED	NM. NISHIMATSU	15. 05. 18
FOLLOW THE OPERATING TEMPERATURE RANGE FOR STORAGE CONDITION AFTER MOUNTING.			DESIGNED	MO. SHIMOYAMA	15. 05. 18
Unless otherwise specified, refer to USB2.0 EIA364.			DRAWN	MO. SHIMOYAMA	15. 05. 18
Note QT:Qualification Test AT:Assurance Test X:Applicable Test			DRAWING NO.		ELC-125646-84-00
HRS	SPECIFICATION SHEET		PART NO.	UX60SC-MB-5ST (84)	
	HIROSE ELECTRIC CO., LTD.		CODE NO.	CL240-0016-6-84	△ 1/2

SPECIFICATIONS

RECOMENDED REFLOW TEMPERATURE PROFILE



Note QT:Qualification Test AT:Assurance Test X:Applicable Test

DRAWING NO.

ELC-125646-84-00

HRS

SPECIFICATION SHEET

PART NO.

UX60SC-MB-5ST (84)

HIROSE ELECTRIC CO., LTD.

CODE NO

CL240-0016-6-84



2/2