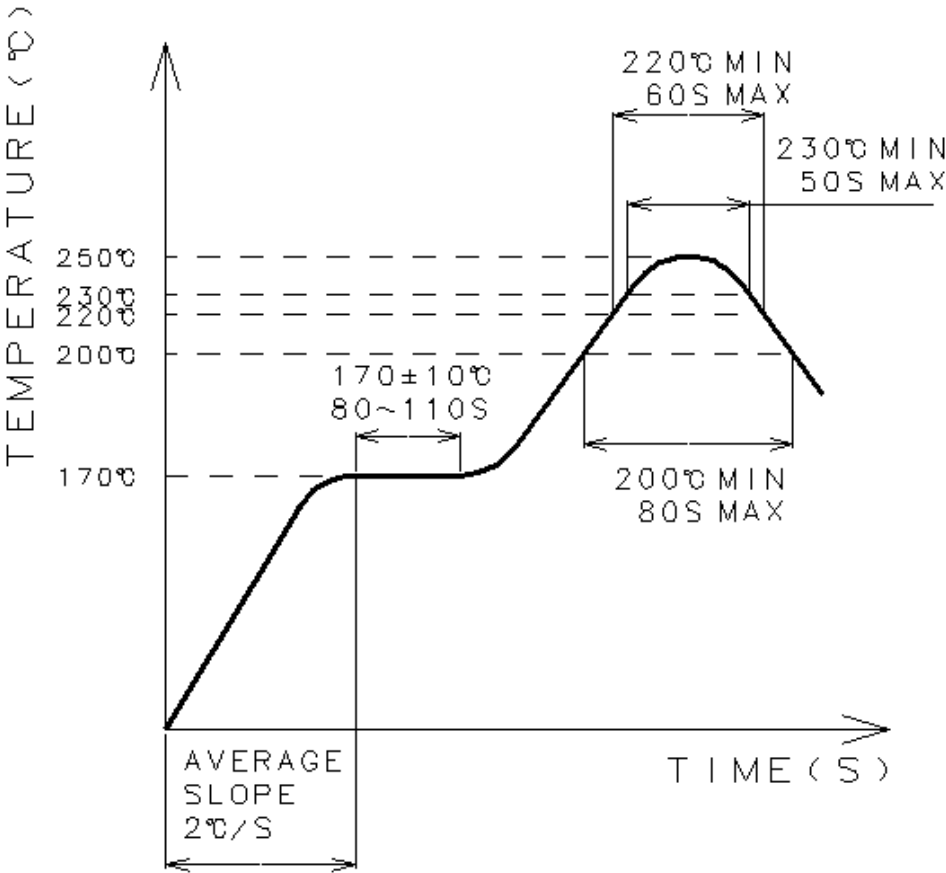


APPLICABLE STANDARD		USB2.0 SPECIFICATION				
Rating	Operating Temperature Range	 -30°C to +85°C	Storage Temperature Range	 -40°C to +60°C		
	Voltage	30 V AC	Current	1 A		
SPECIFICATIONS						
ITEM		TEST METHOD		REQUIREMENTS	QT AT	
CONSTRUCTION						
General Examination		Examined visually and with a 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
Capacitance		Measured adjacent two contacts, At 1000±10Hz AC voltage.		2 pF max.	X	—
MECHANICAL CHARACTERISTICS						
Insertion And Withdrawal Forces		Measured by applicable connector.		1) Insertion force 35 N max. 2) Extracion force 7 N min.	X	—
Mechanical Operation		5000 times insertions and extractions.		1) Contact resistance: 70 mΩ max. 2) Extraction force 3 N min. 3) No damage, cracks or looseness of parts.	X	—
Vibration		Frequency 10 to 55 Hz, Single amplitude 0.75 mm, At 2 h, for 3 axial directions. 		1) No electrical discontinuity of 1μs. 2) No damage, cracks or looseness of parts.	X	—
Random Vibration		Frequency 50 to 2000 Hz, At 15 min, for 3 axial directions. 			X	—
Shock		490 m/s ² duration of pulse 11 ms At 3times in 3 both axial directions. 			X	—
ENVIRONMENTAL CHARACTERISTICS						
Thermal Shock		Temperature -55→ 20 to 35→ 85→ 20 to 35 °C Time 30 → 2 to 3 → 30 → 2 to 3 min Under 10 cycles.		1) Contact resistance : 70 mΩ max. 2) No damage, cracks or looseness of parts.	X	—
Humidity Life		Temperature -10 to 65 °C, Humidity 90 to 98 %, Under 7 cycles (168 h)		1) Insulation resistance : 10 MΩ min (at dry). 2) No damage, cracks or 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 corsion.	X	—
Solderability		Soldered at temp.245°C for in immersion,duration,2 to 3s.		Solder shall cover a minimum of 95% of the surface being immersed.	X	—
	COUNT	DESCRIPTION OF REVISIONS	DESIGNED	CHECKED	DATE	
	5	DIS-E-00001924	YS. SAKODA	TU. TANIGUCHI	20181114	
REMARK				APPROVED	NF. MIYAZAKI	20090225
				CHECKED	NF. MIYAZAKI	20090225
				DESIGNED	HS. KIKUCHI	20090225
				DRAWN	HS. KIKUCHI	20090225
Unless otherwise specified, refer to USB2.0 EIA364.						
Note QT:Qualification Test AT:Assurance Test X:Applicable Test			DRAWING NO.		ELC-126060-85-02	
	SPECIFICATION SHEET		PART NO.	UX60SC-MB-5S8 (85)		
	HIROSE ELECTRIC CO., LTD.		CODE NO.	CL240-0020-3-85		1/2

SPECIFICATIONS

RECOMENDED REFLOW
TEMPERATURE PROFILE



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

DRAWING NO.

ELC-126060-85-02



SPECIFICATION SHEET

PART NO.

UX60SC-MB-5S8 (85)

HIROSE ELECTRIC CO., LTD.

CODE NO

CL240-0020-3-85



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