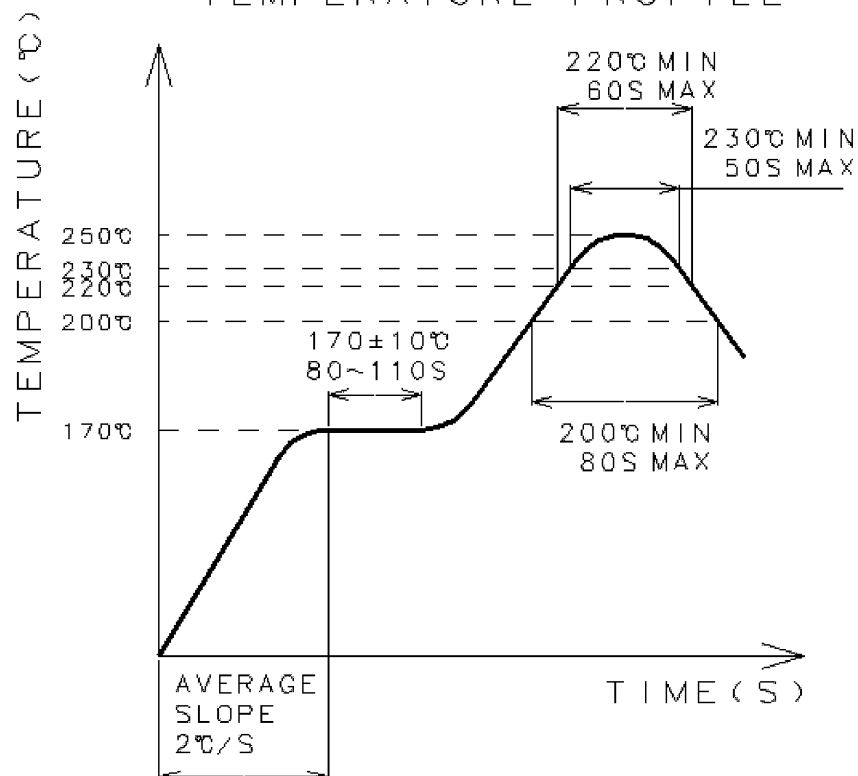


APPLICABLE STANDARD		USB 2.0 SPECIFICATION			
RATING	OPERATING TEMPERATURE RANGE	-30°C TO +75°C	STORAGE TEMPERATURE RANGE	-40°C TO +85°C	
	VOLTAGE	5V AC	CURRENT	1A	
SPECIFICATIONS					
ITEM	TEST METHOD	REQUIREMENTS	QT	AT	
CONSTRUCTION					
GENERAL EXAMINATION	VISUALLY AND BY MEASURING INSTRUMENT.	ACCORDING 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	20mV ,100 mA (DC OR 1000 Hz).		X	—	
INSULATION RESISTANCE	100 V DC.	100 MΩ MIN.	X	X	
VOLTAGE PROOF	100 V AC FOR 1 min.	NO FLASHOVER OR BREAKDOWN.	X	X	
CAPASITANCE	1000±10Hz AC VOTAGE AT ADJACENT TWO CONTACTS.	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 hours FOR 3 DIRECTIONS.	1) NO ELECTRICAL DISCONTINUITY OF 1μs. 2) NO DAMAGE, CRACK AND LOOSENESS OF PARTS.	X	—	
RANDOM VIBRATION	FREQUENCY 5 TO 2000 Hz AT 15 min. FOR 3 DIRECTIONS.		X	—	
SHOCK	ACCELERATION 490 m/s , DIRECTIONS OF PULSE 11 ms AT 3 hours FOR 3 DIRECTIONS.		X	—	
ENVIRONMENTAL CHARACTERISTICS					
THERMAL SHOCK	TEMPERATURE -55 → 20TO35 → +85 → 20TO35 °C TIME 30 → 2TO3 → 30 → 2TO3 min. UNDER 10 CYCLES.	1) CONTACT RESISTANCE 70 mΩ MAX. 2) NO DAMAGE, CRACK AND LOOSENESS OF PARTS.	X	—	
HUMIDITY LIFE	TEMPERATURE -10TO65 °C, HUMIDITY 90TO98 %RH UNDER 7 CYCLES(168 hours).	1) INSULATION RESISTANCE 10 MΩ MIN. (AFTER DRYING.) 2) NO DAMAGE, CRACK AND LOOSENESS OF PARTS.	X	—	
CORROSION SOLT MIST	EXPOSED IN 5 % SALT WATER SPRAY FOR 48 hours. (JIS E 5402)	1) CONTACT RESISTANCE 70 mΩ MAX. 2) NO HEAVY CORROSION.	X	—	
SOLDERBILITY	SOLERRED AT TEMP 245°C IMAAERSION PERIOD 2 TO 3 sec.	SOLDER SHALL COVER A MINIMUM OF 95% OF THE SURFACE BEING IMMersed.	X	—	
COUNT	DESCRIPTION OF REVISIONS	DESIGNED	CHECKED	DATE	
Δ					
REMARK		APPROVED	NF. MIYAZAKI	08. 04. 28	
		CHECKED	NF. MIYAZAKI	08. 04. 28	
		DESIGNED	HS. KIKUCHI	08. 04. 28	
		DRAWN	HS. KIKUCHI	08. 04. 28	
Unless otherwise specified, refer to USB2.0 AND EIA364.					
Note QT:Qualification Test AT:Assurance Test X:Applicable Test		DRAWING NO.		ELC4-125646-04	
HRS	SPECIFICATION SHEET		PART NO.	UX60SC-MB-5ST (01)	
	HIROSE ELECTRIC CO., LTD.		CODE NO.	CL240-0016-6-01	Δ 1/2

SPECIFICATIONS

RECOMENDED REFLOW TEMPERATURE PROFILE



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

DRAWING NO.

ELC4-125646-04



SPECIFICATION SHEET

PART NO.

UX60SC-MB-5ST (01)

HIROSE ELECTRIC CO., LTD.

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