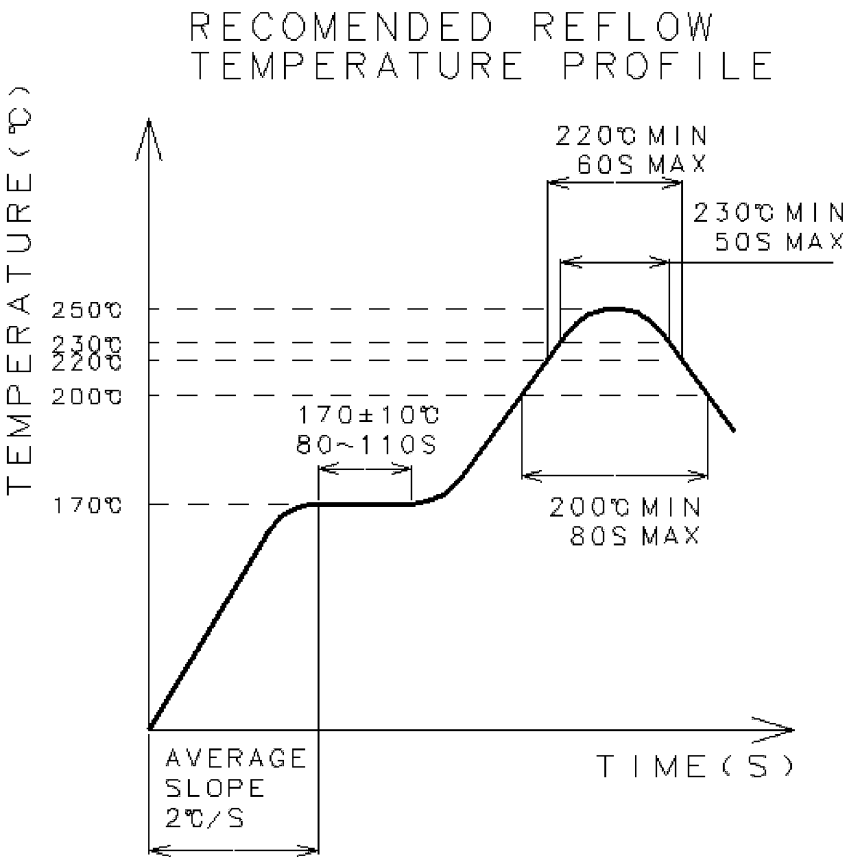


APPLICABLE STANDARD		USB 2.0 SPECIFICATION					
RATING	OPERATING TEMPERATURE RANGE	-30°C TO +75°C	STORAGE TEMPERATURE RANGE	-40°C TO +85°C			
	VOLTAGE	5V AC	CURRENT	1A			
SPECIFICATIONS							
ITEM		TEST METHOD		REQUIREMENTS		QT	AT
CONSTRUCTION							
GENERAL EXAMINATION		VISUALLY AND BY MEASURING INSTRUMENT.		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
△							
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	
						△	1/2

SPECIFICATIONS



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.

CODE NO

CL240-0016-6-01



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