



TAI-SAW TECHNOLOGY CO., LTD.

No. 3, Industrial 2nd Rd., Ping-Chen Industrial District,
Taoyuan, 324, Taiwan, R.O.C.

TEL: 886-3-4690038 FAX: 886-3-4697532

E-mail: tstsales@mail.taisaw.com Web: www.taisaw.com

Approval Sheet For Product Specification

Issued Date: 02/20/2006

Product Name: HC49-SMD 30.000MHz Crystal Resonator

TST Part No.: TZ0852A

Customer Part No.: _____

Company: _____

Division: _____

Approved by : _____

Date: _____

Checked by: _____ Robert Chang

Approved by: _____ TF Yang

Date: _____ 02/20/2006



TAI-SAW TECHNOLOGY CO., LTD.

No. 3, Industrial 2nd Rd., Ping-Chen Industrial District,
Taoyuan, 324, Taiwan, R.O.C.

TEL: 886-3-4690038 FAX: 886-3-4697532

E-mail: tstsales@mail.taisaw.com Web: www.taisaw.com

30.000MHz Crystal Resonator

MODEL NO.: TZ0852A

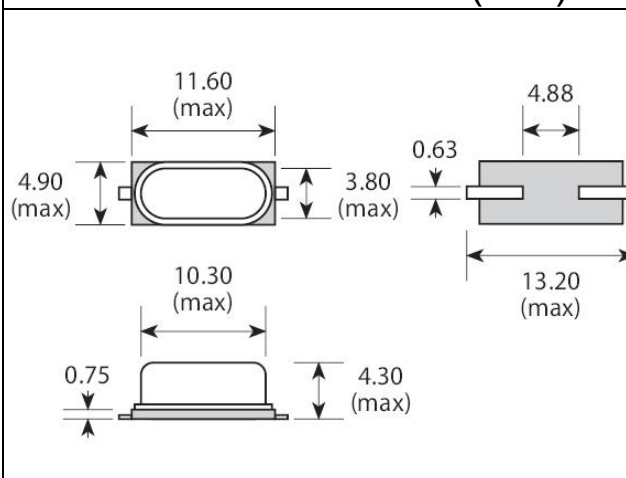
REV. NO.: 1.0

Electrical Specifications:

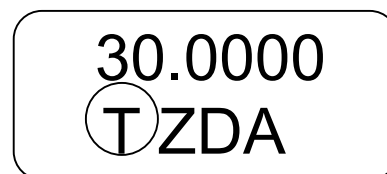
RoHS Compliant
Lead free
Lead-free soldering

	Specification
Nominal Frequency	30.000 MHz
Mode of Vibration	Fundamental
Storage Temperature Range	-40°C to +85°C
Operating Temperature Range	-10°C to +60°C
Frequency Stability over Operating Temperature	+/-25 ppm
Frequency Make Tolerance	+/-25 ppm @ 25°C +/- 3°C
Max. Value of the Series Resistor	40Ω max.
Drive Level	10uW nominal
Load Capacitance-CL	20 pF
Aging	+/-5.0 ppm/year @25°C
Marking	Laser marking
Insulation Resistance	500M Ω min at DC 100V

Mechanical Dimensions (mm):



Marking:



“Z” stand for product code
and “D” for date code

1. REEL DIMENSION (Unit: mm)	
------------------------------	--



Date Code Table

TAI-SAW TECHNOLOGY CO., LTD.