



TAI-SAW TECHNOLOGY CO., LTD.

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

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

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

Approval Sheet For Product Specification

Issued Date: 09/27/2002

Product Name: SMD7x5 44MHz Crystal Resonator

TST Part No.: TZ0168A

Customer Part No.: _____

Company: _____

Division: _____

Approved by : _____

Date: _____

Issued by: _____ Robert Chang

Approved by: _____ TF Yang / Mark Chen

Date: _____ 09/27/2002



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SMD7x5 Crystal Resonator

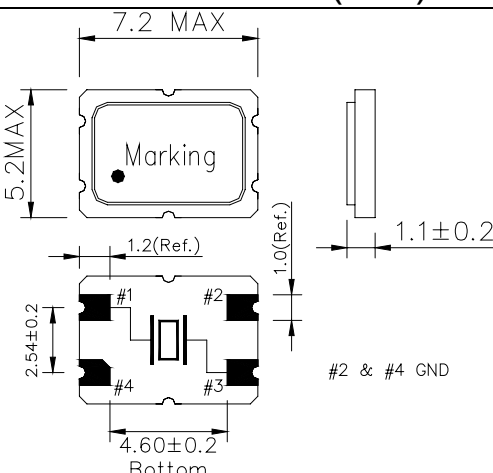
MODEL NO.: TZ0168A

REV. NO.: 1

RoHS Compliant
Lead free
Lead-free soldering

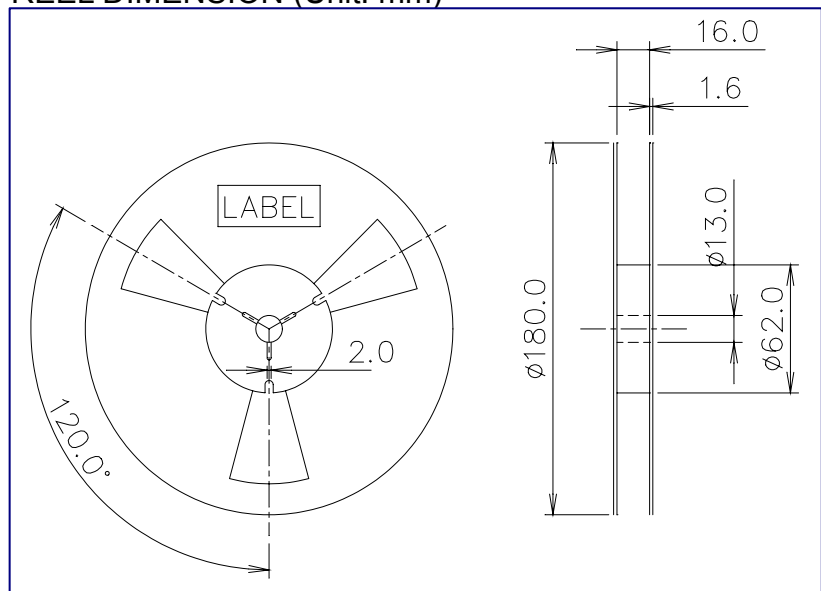
Electrical Specifications:

	Specification
Nominal Frequency	44.000000 MHz
Mode of Vibration	Overtone (3rd)
Storage Temperature Range	-40°C to +85°C
Operating Temperature Range	-20°C to +70°C
Frequency Stability over Operating Temperature	+/-30 ppm
Frequency Make Tolerance	+/-30 ppm @ 25°C +/- 3°C
Resonance Resistance(R)	60 Ω max.
Shunt Capacitance (Co)	7 pF max
Drive Level	100 uW nominal
Load Capacitance-CL	18.0 pF
Aging	+/-3.0 ppm/year @25°C
Marking	Laser marking
Insulation Resistance	500M Ω min at DC 100V

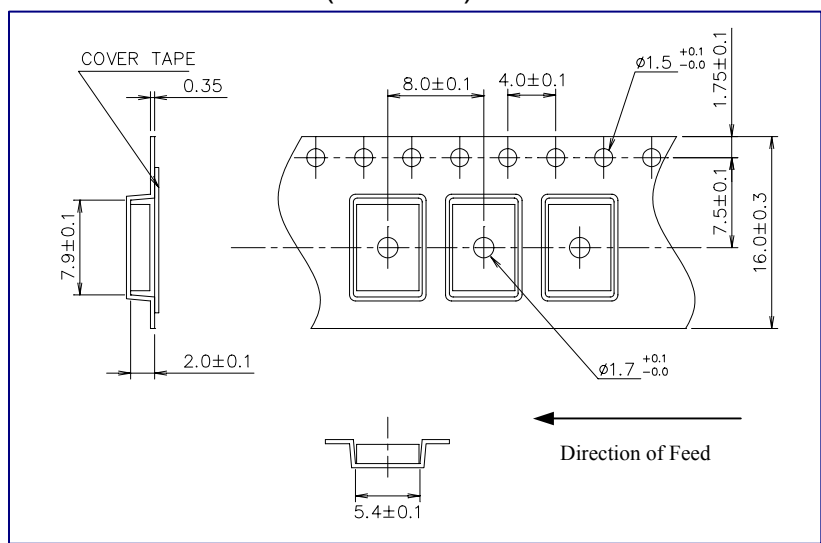
Mechanical Dimensions (mm):	Marking:
	44.000 168 T ZD "D" is date code

PACKING:

1. REEL DIMENSION (Unit: mm)



2. TAPE DIMENSION (Unit: mm)



3. PACKING DIRECTION

The dot or the logo of marking should be close to the hole of tape.