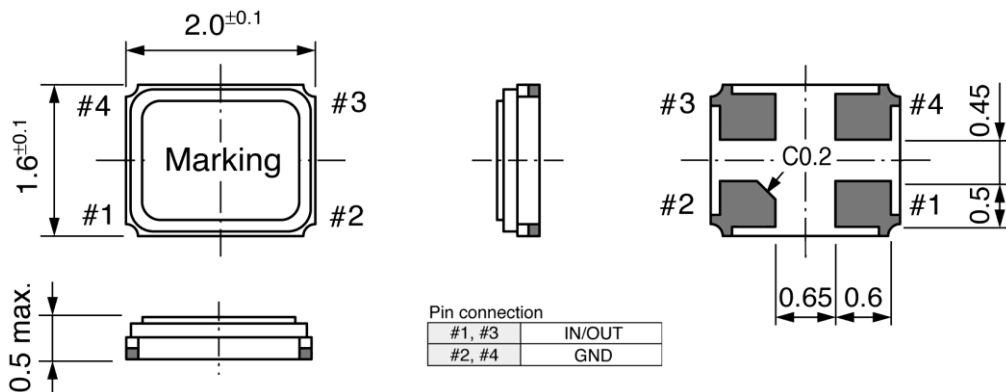


SE Group CONFIDENTIAL , this document is only use for Texas Instruments.

1. Specification

No.	Parameters	Requirements
1	Package type	FA2016AA
2	Nominal frequency	40.0000000 MHz
3	Mode of vibration	AT-cut / Fundamental
4	Storage temp. range	-40 to +125 degC
5	Operating temp. range	-40 to +125 degC
6	Frequency tolerance	+/- 10.0 ppm at 25 +/- 3 deg.C
7	Frequency stability	+/- 30.0 ppm (-40 to +125 degC, Ref. 25 deg.C)
8	Motional resistance	60 ohm max.
9	Load capacitance	7.0 pF
10	Motinal Inductance:L1	5.28 mH +/-10 %
11	Motional capacitance:C1	3.0 fF +/-10 %
12	Shunt capacitance:C0	0.78 pF +/-10 %
13	Level of drive	100 uW max.
14	Insulation resistance	500 M ohms min. / DC 100V +/- 15V
15	Aging	+/- 1.0 ppm / year at 25 deg.C

2. Dimension and Marking (Example)

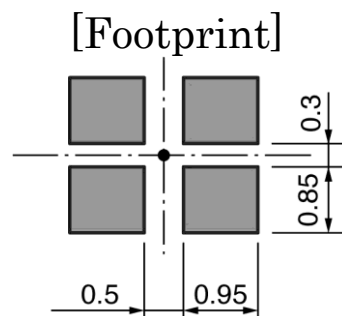


Marking

Laser marking

Package

Lid :KOVAR,
Electrolytic Ni plating
Base :Ceramic, W+Ni+Au plated
Seal :Seam Weld



DRAW: T. Konishi

2019/5/17

AT Design Group

CHK'D: K. Hosaka

TD PRODUCTS DEVELOPMENT DEPARTMENT

APP: S. Murakami

SEIKO EPSON CORPORATION