

● Features

- Wide Frequency Range
- Optional internal load capacitance
- Compact Design of 2.5 x 2.0 x 1.2 mm

● Applications

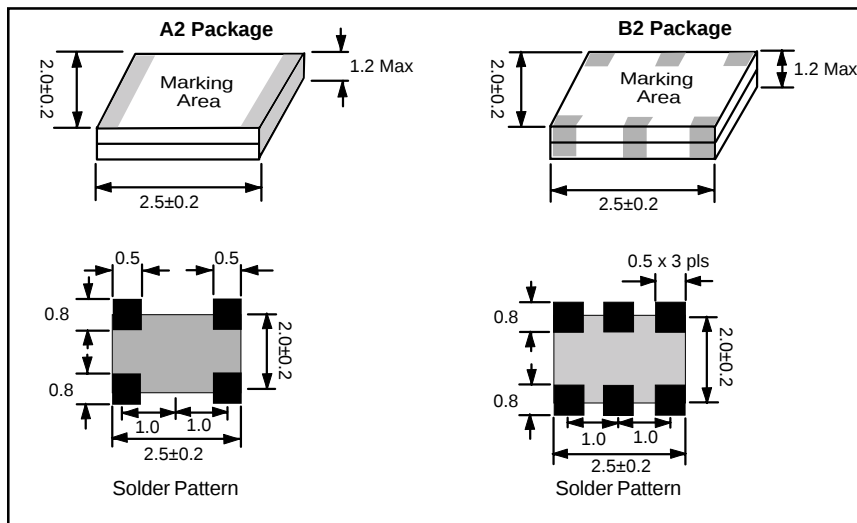
- Computers and Peripherals
- Consumer Products

● Specifications

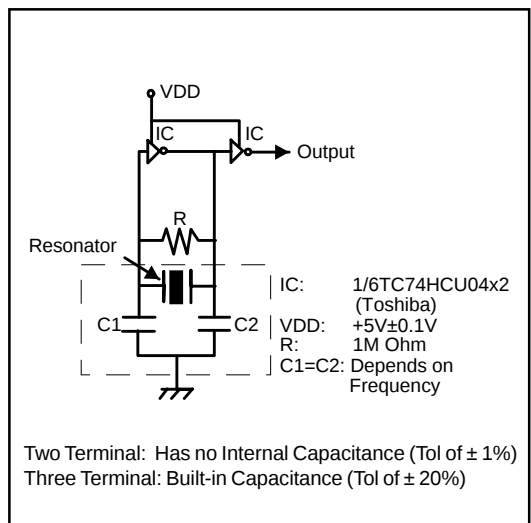
Parameter		Specification
Frequency Range		20.00 to 48.00 MHz
Frequency Tolerance at 25° C		±0.5% Maximum
Frequency Stability over Temperature		±0.3% Maximum from initial value
Temperature Range	Operating	-20° C to +80° C
	Storage	-40° C to +85° C
Aging		±0.3 % Maximum over 10 years
Resonant Resistance		70 Ohm Maximum
Built in Capacitance		8 to 12 pF (Three Terminal Only)



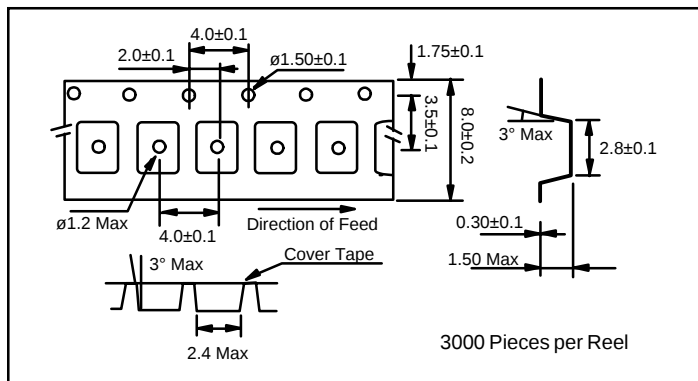
● SMD Package Dimensions



- **Test Circuit**



- **CarrierTape Dimensions**



- **Part Numbering System**

Series	Frequency	Package Type
SMRS	in MHz	A2 (Two Terminal)
		B2 (Three Terminal)

Example: SMRS-33.86-B2

Packaging: 3000 per Reel

Features

- Wide Frequency Range
- Optional internal load capacitance
- Compact Design of 3.7 x 3.1 x 1.5 mm

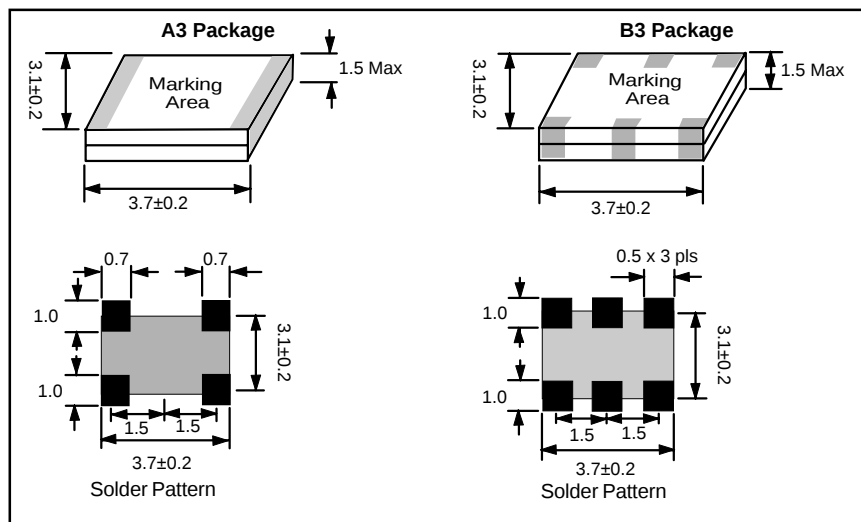
Applications

- Computers and Peripherals
- Consumer Products

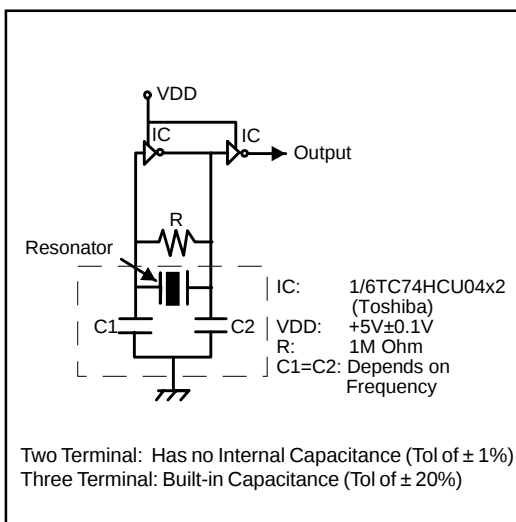
Specifications

Parameter		Specification
Frequency Range		8.00 to 50.00 MHz
Frequency Tolerance at 25° C		±0.5% Maximum
Frequency Stability over Temperature		±0.3% Maximum from initial value
Temperature Range	Operating	-20° C to +80° C
	Storage	-40° C to +85° C
Aging		±0.3 % Maximum over 10 years
Resonant Resistance		50 Ohm Maximum
Built in Capacitance		10 to 16 pF (Three Terminal Only)

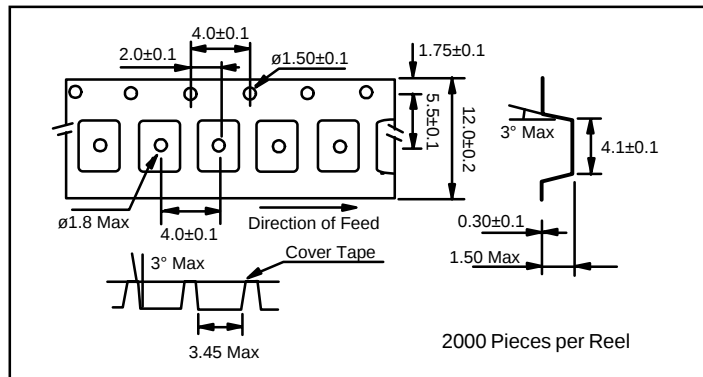
SMD Package Dimensions



Test Circuit



CarrierTape Dimensions



Part Numbering System

Series	Frequency	Package Type
SMRS	in MHz	A3 (Two Terminal)
		B3 (Three Terminal)

Example: SMRS-18.43-A3

Packaging: 2000 per Reel