

- O 2mm X 2.5mm 4 Pads Ceramic Package
- O Ultra-miniature Profile
- O RoHS Compliant
- O Tape and Reel Packaging

st the

Electrical Specifications:

| (See Part Number Guide for Options) (See Part Number Guide for Options) -40°C to +85°C | |
|--|--|
| | |
| -40°C to +85°C | |
| -40°C to +85°C | |
| ±2ppm / per year | |
| 3pF Maximum | |
| (See Part Number Guide for Options) | |
| See ESR Chart | |
| 100µW Maximum | |
| 500 Mega ohms Minimum at 100VDC | |
| | |



ESR Chart

| Frequency Range | ESR (Ohms) | Mode / Cut |
|------------------------|------------|------------|
| 16.000MHZ to 19.999MHZ | 120 Max | Fund / AT |
| 20.000MHZ to 29.999MHZ | 80 Max | Fund / AT |
| 30.000MHZ to 60.000MHZ | 50 Max | Fund / AT |

Part Number Guide



Mechanical Details



- 1. Pin 2 and Pin 4 are internally connected and should not be connected to external sources for proper function.
- 2. Dimension in brackets are in inches.
- 3. Pads Matl: Base or under conductor thickness 1.3um to 8.8um.

Final plating; Au(99.97%) less than 0.5 to 0.3um typ.

Tape & Reel Dimensions



| PITCH | 4.00 [0.157] |
|--------------|--------------|
| TAPE WIDTH | 8.00 [0.315] |
| REEL DIA | 180 [7.0] |
| COUNT | 1000 |
| PIN 1 ORIENT | Q1 |

Notes: UNLESS OTHERWISE SPECIFIED

- 1. Applicable Standards / Specifications ANSI Y14.5M, Dimensions and Tolerances EIA-481-B, 8mm through 200mm Embossed Carrier Tapping and 8mm and 12mm Punched Carrier Tapping of Surface Mount Components for Automatic Handling.
- 2. Dimensions are in millimetres [Inches].
- 3. Tolerances are ±0.1 [0.004] mm unless otherwise specified.
- Do not scale drawing. 4.