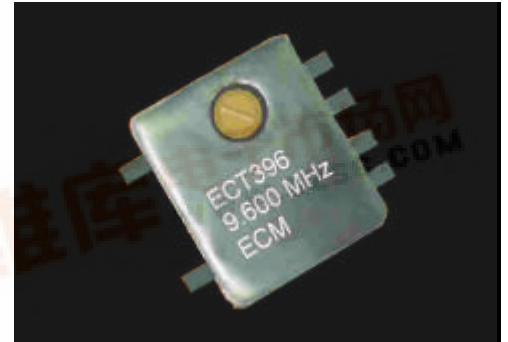


## Surface Mount TCXO

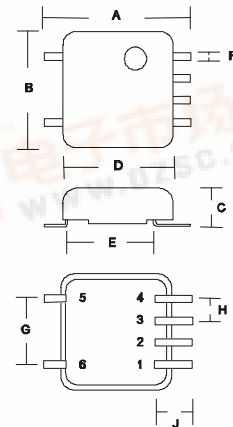
### ECT396

- Low Profile
- Low Current Consumption
- Excellent Stability
- 3V Supply
- Custom options available



| Parameter             | ECT396                                               |         |
|-----------------------|------------------------------------------------------|---------|
| Frequency Range       | 9.60 to 27.0Mhz                                      | Specify |
| Temperature Stability | +/-2.5ppm -30 <sup>0</sup> to +75 <sup>0</sup> C (C) |         |
| Storage Temp          | -30 <sup>0</sup> to +80 <sup>0</sup> C               |         |
| Stability vs Supply   | +/-0.3ppm                                            |         |
| Supply Voltage        | +3V (W) +5V (X)                                      | Specify |
| Supply Current        | 2.0mA                                                |         |
| Output Level          | 0.7V p-p (min) Vcc 3V<br>1.0V p-p (min) Vcc5V        |         |
| Output Waveform       | DC Cut Clipped Sine                                  |         |
| Output Load           | 10KΩ/10pF                                            |         |
| Aging                 | +/-1ppm / yr                                         |         |
| Trim Range            | +/-3ppm Internal Trimmer                             |         |

| Environmental & Mechanical |                                                                  |
|----------------------------|------------------------------------------------------------------|
| Humidity                   | +40 <sup>0</sup> C +/-2 <sup>0</sup> C<br>90% RH for 200Hours    |
| Thermal Shock              | +85 <sup>0</sup> C for 30 mins<br>-30 <sup>0</sup> C for 30 mins |
| Vibration                  | 10 - 55Hz 2mm amplitude<br>2 hours XYZ axis                      |
| Soldering Condition        | 235 +/-5 <sup>0</sup> c<br>2 Seconds +/-0.5 S                    |



Part Numbering ECT396 Z 9.60 C W I

Type \_\_\_\_\_  
 Z= Clipped Sine \_\_\_\_\_  
 Frequency \_\_\_\_\_  
 Stability (C= +/-2.5ppm) \_\_\_\_\_  
 Supply Voltage (W=3.3V) \_\_\_\_\_  
 Trimmer (I= Internal E=External) \_\_\_\_\_

| A    | B    | C   | D    | E   | F   | G    | H    | J   |
|------|------|-----|------|-----|-----|------|------|-----|
| 12.1 | 11.4 | 3.5 | 9.60 | 8.2 | 1.0 | 7.62 | 2.54 | 2.7 |

Dimensions in mm

| Pin | 1   | 2   | 3   | 4   | 5   | 6   |
|-----|-----|-----|-----|-----|-----|-----|
|     | Vcc | N/C | GND | O/P | GND | GND |