Surface Mount Oscillator – 14.3 x 8.7 x 5.5mm (6 pads)

This oscillator series is a metal cover, 6 pad package smd with size of 14.3 x 8.7 x 5.5mm. Available in HCMOS, TTL or Sine wave logics. All Bomar products meet the stringent testing for RoHS compliance. Tolerance to ±10ppm and temperature to -40º to +85ºC.

Features

- Low jitter
- HCMOS, TTL or Sine wave outputs available
- 3.3Vdc or 5.0Vdc Supply Voltages

Standard Specifications

| Frequency Range | 1 kHz to 800,000 MHz – HCMOS / TTL  
6.000 to 190.000 MHz – Sine wave |
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<td>Supply voltage</td>
<td>3.3Vdc or 5.0Vdc</td>
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| Current Consumption | 25mA-100mA – HCMOS/TTL  
15mA-70mA – Sine wave |
| Temperature Range | Operating – 0º to +70ºC. – Standard  
-40º to +85ºC. - Available |
|                  | Storage – -55º to +105ºC.         |
| Frequency Stability | ±10ppm to ±100 ppm - Available |
| Output load      | 15pF – HCMOS  
10TTL – TTL  
50 ohms – Sine wave |
| Symmetry (Duty cycle) | 40% to 60% - HCMOS/TTL |
| Rise and Fall Time | 10nS max. – HCMOS/TTL |
| Aging            | ±3ppm/year max.                  |
**Output Logic** | **Freq. Stability (ppm)** | **Symmetry (Duty Cycle)** | **Temperature Range** | **Package Type** | **Package Style**
---|---|---|---|---|---
B14-TTL/HCMOS | Actual stability | A = 40% to 60% | A = 0° to +70°C. | O = 14.3x8.7mm | S = Surface Mount
B24-Sine wave | B = 45% to 55% | D = -20° to +70°C. | Metal cover | 
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**Options** | **Frequency (MHz)**
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3 = 3.3VDC | Actual
6 = 6 pads | Frequency

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**Part Numbering**

Sample: B1425-AAOS36-20.000000