5Vdc • SINE OUTPUT, FULL-SIZE DIP CRYSTAL CLOCK OSCILLATORS

ACOS

RoHS Compliant



20 x12.6 x 5.08 mm

FEATUERS:

- Sine wave output.
- Wide Frequency Range.
- Low harmonic distortion.

APPLICATIONS:

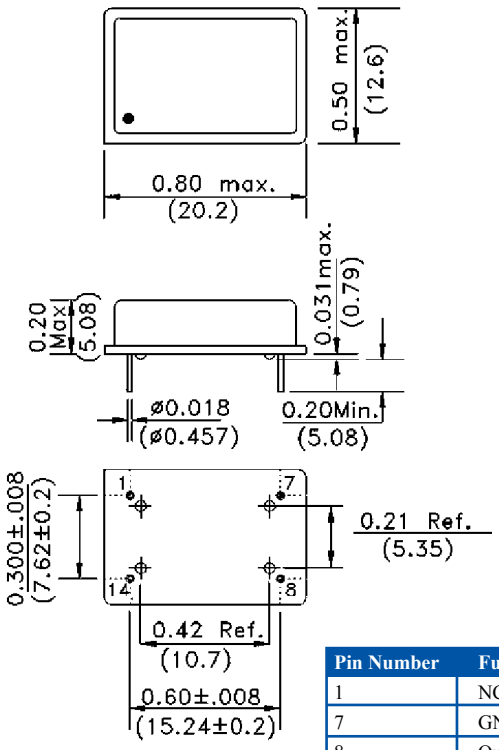
- Provide clock signals for microprocessors and digital circuits.
- High Output drive capability applications.
- Great for low EMI applications.

STANDARD SPECIFICATIONS:

PARAMETERS	
Frequency Range	8MHz - 40MHz
Operating Temperature	0°C to +70°C (see options)
Storage Temperature	-55°C to +125°C
Frequency Stability	±100ppm max. (See Options)
Supply Voltage	5.0Vdc ±10%
Output load	50W
Output power	0dBm min.
Harmonics	-25dBc min.
Aging	±5ppm/yr. max.

Please see environmental, and mechanical specifications, see appendix C. Group 1.
Marking, see appendix B. Recommended handling, see appendix F.
Test circuits and waveform, see appendix B.
Application notes, see appendix A.
Value added, see appendix D.

OUTLINE DIMENSIONS:



Pin Number	Function
1	NC
7	GND / Case
8	Output
14	Vcc

Dimensions: Inches (mm)

OPTIONS & PART IDENTIFICATION:

ACOS - Frequency - Temperature - Overall Frequency Stability - Value Added - Packaging

- Frequency: XX.XXXXMhz
- Temperature:
  - -D for -10∞Cto +60∞C
  - -E for -20∞Cto +70∞C
  - -F for -30∞Cto +70∞C
  - -N for -30∞Cto +85∞C
  - -L for -40∞Cto +85∞C
- Overall Frequency Stability:
  - -R for ± 25ppm max
  - -K for ± 30ppm max
  - -H for ± 35ppm max
  - -C for ± 50ppm max
- Value Added:
  - -G Gull Wing
  - -QXX (Trimmed Leads)
- Packaging:
  - -TY for Tray packing

ATTENTION: Abracon Corporation's products are COTS – Commercial-Off-The-Shelf products; suitable for Commercial, Industrial and, where designated, Automotive Applications. Abracon's products are not specifically designed for Military, Aviation, Aerospace, Life-dependant Medical applications or any application requiring high reliability where component failure could result in loss of life and/or property. For applications requiring high reliability and/or presenting an extreme operating environment, written consent and authorization from Abracon Corporation is required. Please contact Abracon Corporation for more information.