

5Vdc • SINE OUTPUT, FULL-SIZE DIP

## CRYSTAL CLOCK OSCILLATORS

# ACOS



### FEATURES:

- 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

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	50Ω
Output power	0dBm min.
Harmonics	-25dBc min.
Aging	±5ppm/yr. max.

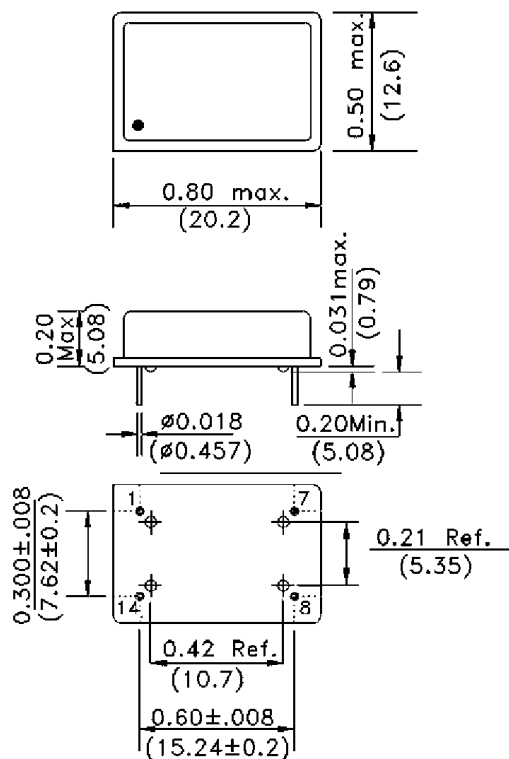
Please see environmental, and mechanical specifications, see appendix C. Group 1.

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.



### ORDERING OPTIONS

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

XX.XXXXMhz

-D for -10°C to +60°C  
-E for -20°C to +70°C  
-F for -30°C to +70°C  
-N for -30°C to +85°C  
-L for -40°C to +85°C

-R for ± 25ppm max  
-K for ± 30ppm max  
-H for ± 35ppm max  
-C for ± 50ppm max

-G Gull Wing  
-QXX (Trimmed Leads)

-TY for Tray packing

PIN NUMBER	FUNCTION
1	NC
7	GND / Case
8	Output
14	V <sub>cc</sub>

ABRACON IS  
ISO 9001 / QS 9000  
CERTIFIED

NOTE: Left blank if standard • All specifications and markings subject to change without notice

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