



Crystal Clock Oscillator 3XO-22C5.0 DIL 8 5.0V

- micro-processor clocks
- ultra compact metal package
- CMOS/TTL Square Wave
- Available in many standard and special frequencies
- packed in antistatic tubes
- RoHS conform; Lead-free product



Specifications

| | |
|---|--|
| Holder Type: | Crystal Clock Oscillator 3XO-22C5.0 DIL 8 5.0V |
| Frequency: | 32.000000 MHz |
| Frequency Stability at 25°C: | ± 50.0 ppm |
| Operating Temperature Range: | ± 50.0 ppm over ±0°C to +70°C (inclusive of 25°C tolerance, ± 10% input voltage variation, load change, aging, shock and vibration) |
| Storage Temperature: | -50°C to +100°C |
| Power Supply Voltage (V _{DD}): | + 5.0V D.C. ± 10% |
| Maximum Supply Current: | 15.0 mA |
| Output Load CL: | 2 - 10 (LS) TTL gates, 15 pF HCMOS |
| Output Symmetry (Duty Cycle): | 40/60% |
| Output Voltage (V _{OH}) (V _{OL}): | 90% of V _{DD} min. / 10% of V _{DD} max. |
| Rise/Fall Time (10% to 90% V _{DD}): | 10 ns max. < 5 ns typical |
| Start Up Time: | 10 ms max. < 5 ms typical |
| Moisture sensitivity level: | MSL= 1 per IPC/JEDEC J-STD-020 C |
| Aging: | < ± 5ppm max. / year (max.) |

GERMANY:

COMTEC CRYSTALS GmbH · Sultenstrasse 12-14
 8 5 5 8 6 P o i n g / G E R M A N Y
 Phone +49 8121 778160 · Fax +49 8121 778177
 e-Mail info@comtec-crystals.com
 Internet: <http://www.comtec-crystals.com>
 Subject to change without prior notice.



Technical Data and Graphics are all under
 Copyright (c) of Comtec Crystals Group.

FRANCE:

COMTEC CRYSTALS SARL · 23, rue du Faucon
 6 7 5 0 0 H a g u e n a u / F R A N C E
 Phone +33 388 732162 · Fax +33 388 730118
 e-Mail sales@comtec-crystals.com
 Internet: <http://www.comtec-crystals.com>
 sous réserve de modifications.