

PACKAGE DIMENSIONS (mm)

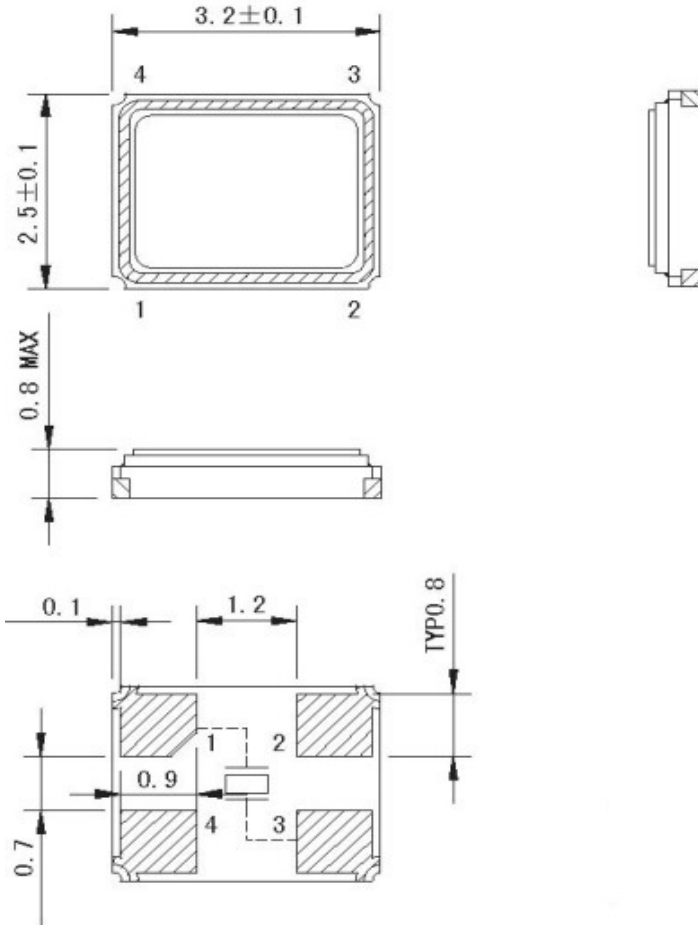


Figure 1) Top, Side, Bottom Views and Land

* This crystal has been qualified by Linear Technology for use with the Eterna mesh-networking family of products. Network operation relies on timing more precise than provided by the crystal accuracy itself, requiring that crystals be characterized and qualified.



REVISIONS

| REV | DESCRIPTION | DATE | APPROVED |
|-----|-------------|------|----------|
| | | | |

ELECTRICAL SPECIFICATIONS

Frequency: 20.000000 MHz
Frequency Tolerance @ +25°C: ± 10 ppm Max.
Frequency Stability -40 to +85°C: ± 30 ppm Max.
Crystal Cut: AT Strip
Load Capacitance (CL): 10 pF
Recommended Drive Level: 100 µW Max.
Effective Series Resistance: 50 Ω Max.
Shunt Capacitance: 5 pF Max.
Mode of Operation: Fundamental
Aging (first year): ± 3 ppm/ Max.
Storage Temperature: -60 to +105°C
Operating Temperature: -60 to +105°C
Package Type: ECX-32

ECS Part Number: ECS-200-CDX-0998

ECS INC. INTERNATIONAL
1105 S. Ridgeview
Olathe, KS 66062
(913) 782-7787

| | | | | | | |
|-------------------------|--|-----------|--|---|--------------------------|--------------|
| SIGNATURES | | DATE | | TITLE 20.000 MHz Crystal, ECX-32 Pb Free/RoHS Compliant | | |
| DRN BL | | 8/25/2014 | | | | |
| CHK RC | | 8/25/2014 | | | | |
| APP DK | | 8/25/2014 | | | | |
| | | | | SIZE A | DWG NO. ECS-200-CDX-0998 | REV |
| Dimensions in mm | | | | CAGE CODE: 1G8B7 | | SHEET 1 OF 1 |

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

ECS:

[ECS-200-CDX-0998](#)