

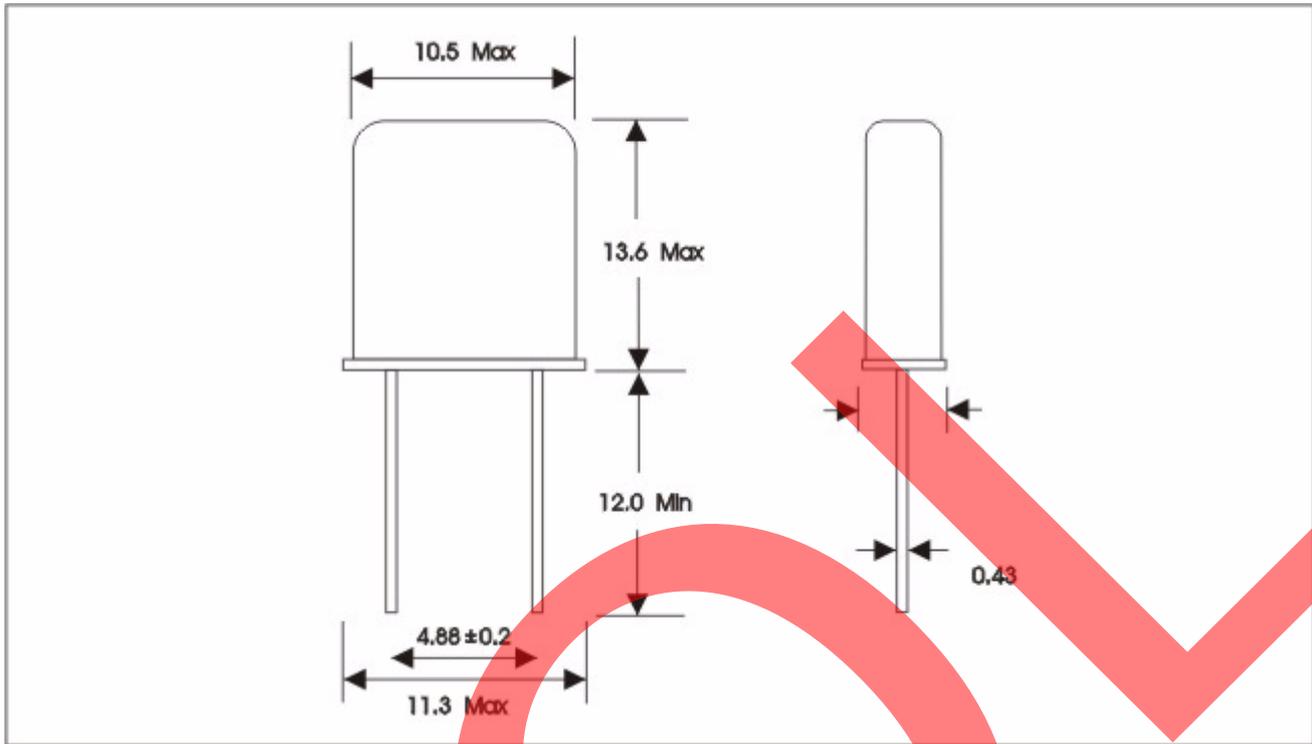
ECN/PCN No.: 3912

| For Manufacturer | | | |
|--|---|--|--|
| Product Description: HC-49/U | Abracon Part Number / Part Series: X1M000000L012 | <input type="checkbox"/> Documentation only <input type="checkbox"/> ECN <input checked="" type="checkbox"/> EOL | <input type="checkbox"/> Series <input checked="" type="checkbox"/> Part Number |
| Affected Revision: B | New Revision: EOL | Application: | <input type="checkbox"/> Safety <input checked="" type="checkbox"/> Non-Safety |
| Prior to Change: X1M000000L012 Rev. B (Page 2) | | | |
| After Change: EOL | | | |
| Cause/Reason for Change: Discontinuation of this older product package type and associated manufacturing capability. | | | |
| Change Plan | | | |
| Effective Date: 8/2/2021 | Additional Remarks: | | |
| Change Declaration: | | | |
| Issued Date: 8/2/2021 | Issued By: <i>Stephanie López</i> | Issued Department: Engineering | |
| Approval: <i>Thomas Culhane</i> Engineering Director | Approval: <i>Reuben Quintanilla</i> Quality Director | Approval: <i>Ying Huang</i> Purchasing Director | |
| For Abracon EOL only | | | |
| Last Time Buy (if applicable): None | Alternate Part Number / Part Series: None | | |
| Additional Approval: | Additional Approval: | Additional Approval: | |
| Customer Approval (If Applicable) | | | |
| Qualification Status: <input type="checkbox"/> Approved <input type="checkbox"/> Not accepted <i>Note: It is considered approved if there is no feedback from the customer 1 month after ECN/PCN is released.</i> | | | |
| Customer Part Number: | | Customer Project: | |
| Company Name: | Company Representative: | Representative Signature: | |
| Customer Remarks: | | | |



**SPECIFICATION
CONTROL DRAWING
Crystal Resonator**

| FREQUENCY |
|-------------|
| 1.000000MHz |



| | |
|-------------------------|----------------------|
| Holder Style | HC-49/U |
| Mode | Fundamental |
| Adjustment Tolerance | ± 50PPM at 25°C |
| Temperature Stability | ± 300 PPM |
| Operating Temp. Range | -40°C to +85°C |
| Load Capacitance | 30 pF |
| ESR | 3000 Max Ohm |
| Static Capacitance (C0) | Unspecified pF |
| Ageing | +/-5ppm 1st Year Max |
| Marking | AELX012L/1.000/wwyy |

| Amdt Date | Change Note | AEL Code |
|-----------|--|----------------------|
| 16 JUL 12 | Parts to be temp tested before shipment at factory | X1M000000L012 |
| | | Issue Ref B |