

ECN/PCN No.: 4079

| For Manufacturer   |  |  |  |
|--|--|--|--|
| <b>Product Description:</b><br>HC49/US (AT49) LOW PROFILE SMD<br>MICROPROCESSOR CRYSTAL  | <b>Abracon Part Number / Part Series:</b><br>ABL53 | <input type="checkbox"/> Documentation only<br><input checked="" type="checkbox"/> ECN<br><input type="checkbox"/> EOL | <input checked="" type="checkbox"/> Series<br><input type="checkbox"/> Part Number |
| <b>Affected Revision:</b><br>L   | <b>New Revision:</b><br>M                          | <b>Application:</b><br><input type="checkbox"/> Safety<br><input checked="" type="checkbox"/> Non-Safety               |  |
| <b>Prior to Change:</b><br>MAX Height dimension= <ul style="list-style-type: none"> <li>2.5mm max for frequency 6MHz or higher</li> <li>2.6mm max for frequency lower than 6MHz</li> </ul>   |  |  |  |
| <b>After Change:</b><br>MAX Height dimension= <ul style="list-style-type: none"> <li>2.7mm max for frequency 6MHz or higher</li> <li>2.7mm max for frequency lower than 6MHz</li> </ul>  |  |  |  |
| <b>Cause/Reason for Change:</b><br>Due to SMD package material availability, product height dimension had to be increased.   |  |  |  |
| Change Plan  |  |  |  |
| <b>Effective Date:</b><br>02/15/2022   | <b>Additional Remarks:</b>                         |  |  |
| <b>Change Declaration:</b><br>The package height dimension increase does not impact the electrical performance of the device.  |  |  |  |
| <b>Issued Date:</b><br>02/15/2022  | <b>Issued By:</b>                                  | <b>Issued Department:</b>  |  |
| <b>Approval:</b>   | <b>Approval:</b>                                   | <b>Approval:</b>   |  |
| For Abracon EOL only   |  |  |  |
| <b>Last Time Buy (if applicable):</b><br>N/A   | <b>Alternate Part Number / Part Series:</b><br>N/A |  |  |
| <b>Additional Approval:</b><br>N/A   | <b>Additional Approval:</b><br>N/A                 | <b>Additional Approval:</b><br>N/A   |  |
| Customer Approval (If Applicable)  |  |  |  |
| <b>Qualification Status:</b><br><div style="text-align: center;"> <input type="checkbox"/> Approved <input type="checkbox"/> Not accepted                     </div> <i>Note: It is considered approved if there is no feedback from the customer 1 month after ECN/PCN is released.</i> |  |  |  |
| <b>Customer Part Number:</b>   |  | <b>Customer Project:</b>   |  |
| <b>Company Name:</b>   | <b>Company Representative:</b>                     | <b>Representative Signature:</b>   |  |
| <b>Customer Remarks:</b>   |  |  |  |