Alert Labs Inc. Sub 1GHz Radio Module
Model Number: ALRM001

Original Equipment

Model: CMWX1ZZABZ
FCC ID: VPYCMABZ
IC: 772C-CMABZ

Alert Labs Inc. Equipment

Model: ALRM001
FCC ID: 2AKXF-ALB080
IC: 22365-ALB080

Overview

The Alert Labs Inc. ALRM001 module is based on the Murata CMWX1ZZABZ Sub G Module. The Alert Labs ALRM001 module itself is identical to the Murata CMWX1ZZABZ, and as a result, has all the same electrical and mechanical details specified in the CMWX1ZZABZ datasheet. The Alert Labs ALRM001 is intended for use only in Alert Labs Inc. products. Users of Alert Labs products do not have access to the module firmware meaning that a user cannot inadvertently change the radio operation so as to invalidate regulatory approvals.

Labelling

The labelling area of the ALRM001 is on the top surface of the module EMI can, whose dimensions are 12.1 mm x 11.1 mm, as shown in Figure 1. It is not possible to print a label such that the regulatory rules for legibility, font size, and formatting the complete regulatory identifiers on one line are all simultaneously met. As a result, the Alert Labs module model number, FCC, and IC identifiers are included in this product brief as indicated above.
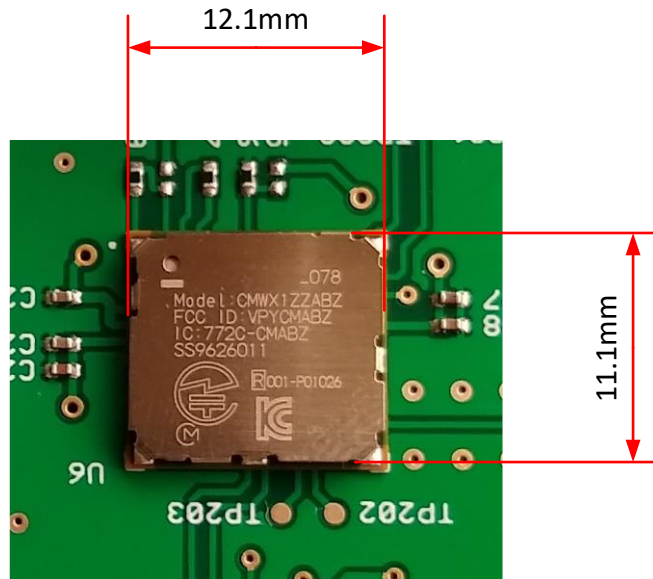
Figure 1: Potential labelling area

The Alert Labs ALRM001 is intended for use only in Alert Labs products as mentioned in the overview section. Alert Labs Inc. owns its own PCB assembly equipment meaning that all raw materials are assembled into Alert Labs products in-house. As a result, the Alert Labs ALRM001 module will not be repackaged for shipment to any other facility.

Alert Labs products contain no user-serviceable parts, meaning that the Alert Labs ALRM001 module will not be visible to a user after final assembly.