

# Verizon 4G LTE Cat M1 SIM Card Datasheet

NimbeLink Corp

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# 1. Introduction

## 1.1 Product Overview

This document is the data sheet for NimbeLink's 4G LTE Cat M1 SIM card for Verizon (NL-SIM-VER-M1).

4G LTE connected devices require a SIM card in order to connect to the network. The NL-SIM-VER-M1 from NimbeLink is the Verizon-approved 4G LTE CAT M1 SIM card.

The SIM cards carrier card has tri-cut breakout inserts to allow the SIM to fit into 2FF, 3FF, and 4FF SIM card slots. The mechanical drawing in section 1.4 is for the 3FF SIM card configuration.

## 1.2 Orderable Part Numbers

Orderable Device	Operating Temperature	Description	Network Type
NL-SIM-VER-M1	-35°C to +85°C	Tri-cut 2FF/3FF/4FF size, Commercial Temp SIM Card	Verizon

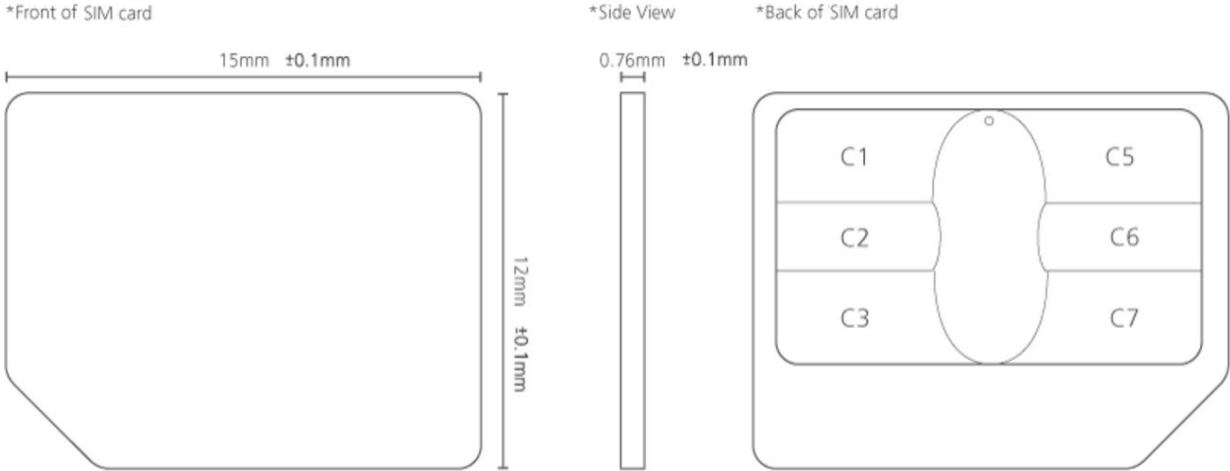
## 1.3 Compatible Products

NimbeLink's 4G LTE Cat M1 Verizon SIMs are compatible with all devices designed to work on the 4G LTE Cat M1 Verizon network, including non-NimbeLink modems.

### 1.3.1 NimbeLink Compatible Products

Orderable Device	Description
NL-SW-LTE-SVZM20	Skywire®, 4G LTE CAT M1, Verizon
NL-SW-LTE-TM1G-V	Skywire, 4G LTE CAT M1, Verizon, GPS/GNSS

# 1.4 Mechanical Diagram



**Note:** The SIM cards Carrier card has tri-cut breakout inserts to allow the SIM to fit into 2FF, 3FF, and 4FF SIM card slots. The mechanical drawing above is for a 3FF SIM card configuration.

## 2. Technical Specifications

### 2.1 Specifications

Description	Value	Units
Supply voltage	1.8, 3	Volts
Operating Temperature	-35° to +85°	C
ESD Protection	4000	Volts (HBM)
Data Retention Time	10	Years
Minimum Updates	1,000,000	Updates
Dimensions	15 x 12 x 0.76	mm
Weight	>0.20	Grams

## 3. Standards Compliance

The NL-SIM-VER-M1 is compliant to the following standards. This list is not exhaustive.

- ISO 7816 1-4
- ETSI TS 102.221

### 3.1 RoHS Compliance

This product complies with the requirements of 2012/19/EC of the European Parliament by satisfying the stipulated limits on restricted substances.

## 4. Product Images

