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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

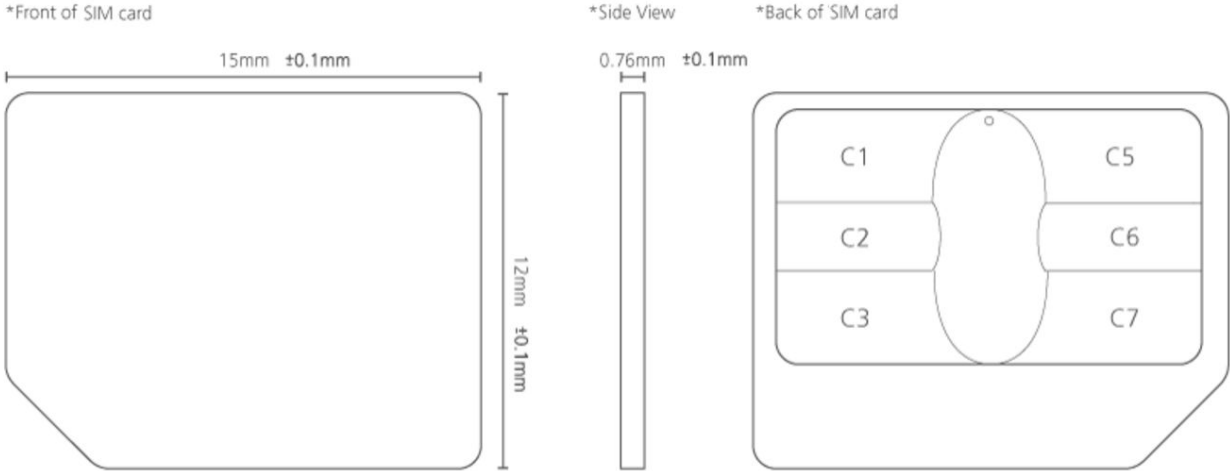
1.3 Compatible Products

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

