SIM Card
Datasheet

NimbeLink Corp

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1. Introduction

1.1 Orderable Part Numbers

Orderable Device	Operating Temperature	Description	Network Type
NL-SIM-VOD	-25˚C to +85˚C	Micro-Sim, 3FF size, Commercial Temp SIM Card	Vodafone
NL-SIM-ATT	-25˚C to +85˚C	Micro-Sim, 3FF size, Commercial Temp SIM Card	AT&T
NL-SIM-TMO	-25˚C to +85˚C	Micro-Sim, 3FF size, Commercial Temp SIM Card	T-Mobile
NL-SIM-SPR	-25˚C to +85˚C	Micro-Sim, 3FF size, Commercial Temp SIM Card	Sprint

1.2 Product Overview

A 4G LTE connected devices require a SIM card in order to connect to the network. The NL-SIM-VOD, NL-SIM-ATT, NL-SIM-TMO, and NL-SIM-SPR from NimbeLink are Vodfone, AT&T, T-Mobile, and Sprint approved SIM cards.
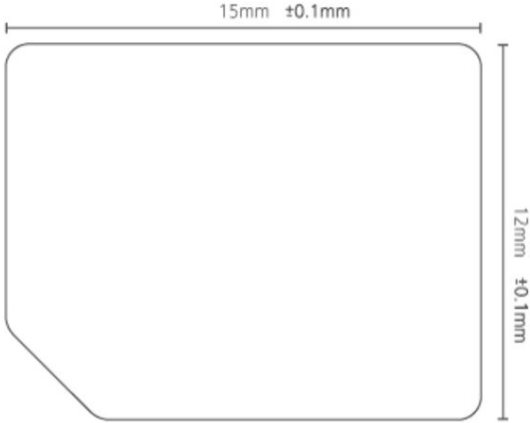
1.3 Compatible Products

The SIMs from NimbeLink are compatible with all devices designed to work on the respective networks, including non-NimbeLink modems.

1.3.1 NimbeLink Compatible Products

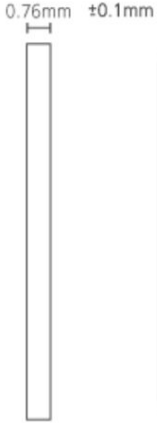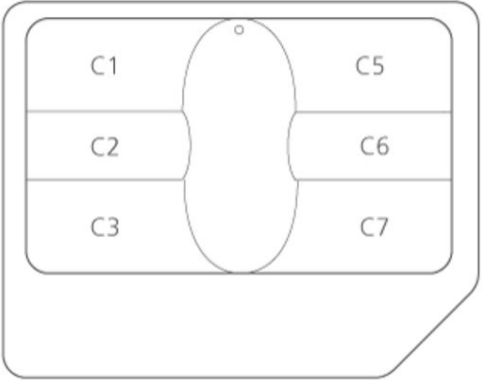| Orderable Device	Description
NL-SW-LTE-TNAG	Skywire®, LTE CAT3 with HSPA+ and GPRS fallback
NL-SW-LTE-HSPA	Skywire, HSPA+ with GPRS fallback, global connectivity
NL-SW-LTE-S7588-T	Skywire, LTE CAT4 with HSPA+ fallback

1.4 Mechanical Diagram

*Front of SIM card

15mm ±0.1mm

12mm ±0.1mm

*Side View

0.76mm ±0.1mm

*Back of SIM card

C1 C5

C2 C6

C3 C7

2. Technical Specifications

2.1 Specifications

Description	Value	Units
Supply voltage	1.8/3/5	Volts
Humidity	85% non condensing	8hrs
Corrosion	5% NaCL	24hrs
Fretting Corrosion	>100,000 >10,000	Contact Landing Contact Grinding
Data Retention Time	10	Years
Minimum Updates	500,000	
Dimensions	15 x 12 x 0.76	mm
Weight	>0.20	Grams

3. Product Images

3.1 NL-SIM-ATT

3.2 NL-SIM-TMO

3.3 NL-SIM-VOD