

JANUS REMOTE COMMUNICATIONS

Sprint Embedded Cellular XF Footprint LTE910XF CAT1 v2.00 Socket Modem

Description

The Janus line of “X” Footprint (XF) socket modems are footprint compatible cellular modems for use in LTE communication networks globally. They are carrier “end device certified” with industry standard 20-pin headers that are easily integrated into new and existing designs. Their “end device” classification allows users to integrate any certified cellular XF modem into their application with no further requirements, allowing for a quick to market solution. The XF modems are interchangeable to allow for maximum network flexibility while removing the worry of product obsolescence.

The **Sprint LTE910XF v2.00** XF socket modem is an LTE Category 1 PTCRB and Carrier certified 4G cellular modem. They utilize the Telit LE910C1-NS module as their cellular engine. The LTE910XF v2.00 units operate in LTE bands B4, B5, B12 and B25. End device certification allows users to implement the LTE910XF in their devices with no further North American carrier certification requirements.

Technical Specifications

Form Factor

Industry Standard 20-Pin Connector Interface
PCB Mount
1.14” x 1.3” x 0.256”

Approvals

Regulatory: FCC, PTCRB
Carrier: Sprint

Temp Range: -40°C to 85°C

Input Voltage: 3.5 to 5.5Vdc

Data Rate:

LTE: 10.3D/5.2U Mbps

Frequency LTE Bands

B4 (AWS1700), B5 (850), B12 (700) and B25 (700)

TCP/IP stack access via AT commands

Cellular, Rx Diversity, MIMO DL 2x2, GPS/GNSS antenna connectors.



Features

- Industry Standard 20-Pin Connector Footprint
- 2 U.FL port for cellular antennas
1 U.FL port for GPS/GNSS antenna
- Easy migration path, future-proof
- Development kits available
- Capable of 10 Mbps download / 5 Mbps upload speed

Advantages

- Approvals: Sprint, FCC, PTCRB
- Migration path to new LTE categories

Applications

Suitable for all IoT / M2M Applications

- Fleet Management
- Asset Tracking
- Security Systems
- Telemetry
- Telematics & Telecontrol
- Remote Monitoring Systems
- Remote Meter Reading
- Vending Machines

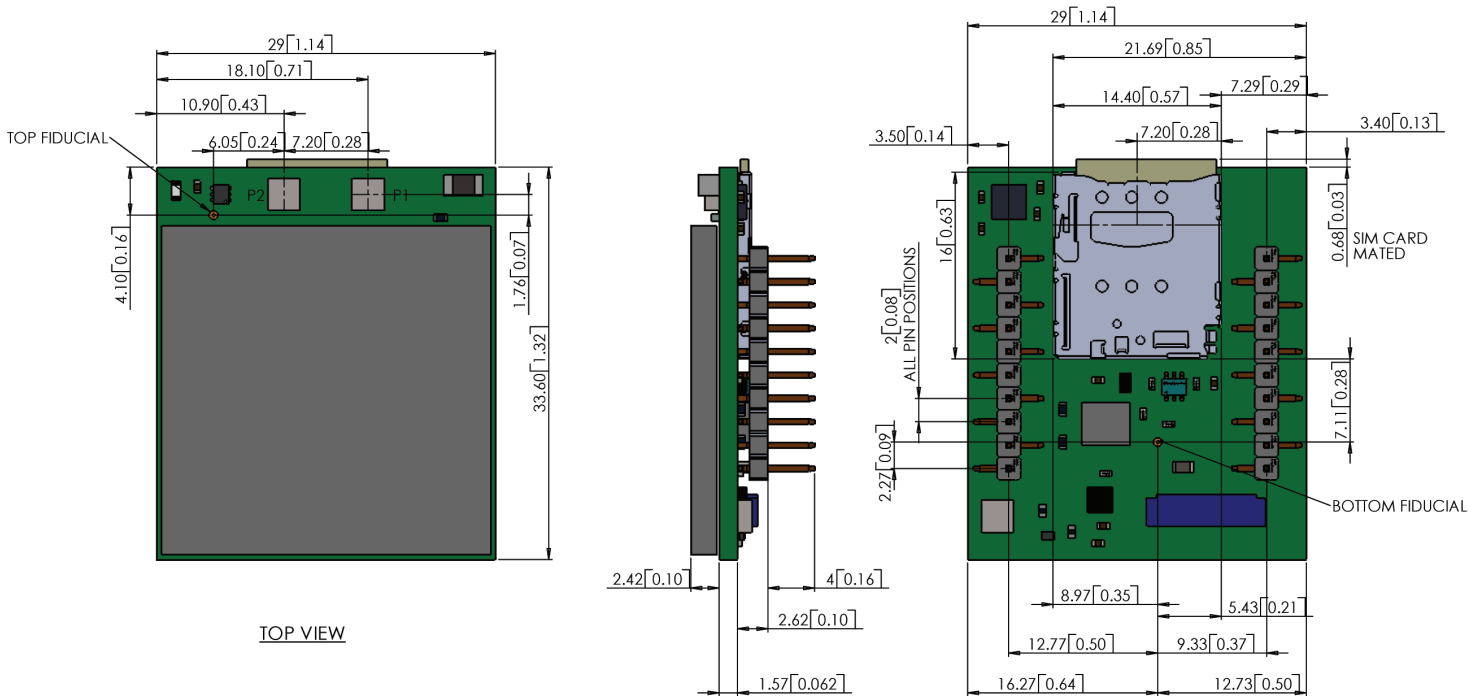
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Bulletin **JA20-PB_LTE-V2**
Revision **00**
Date **16 May 2019**



Making machines talk.

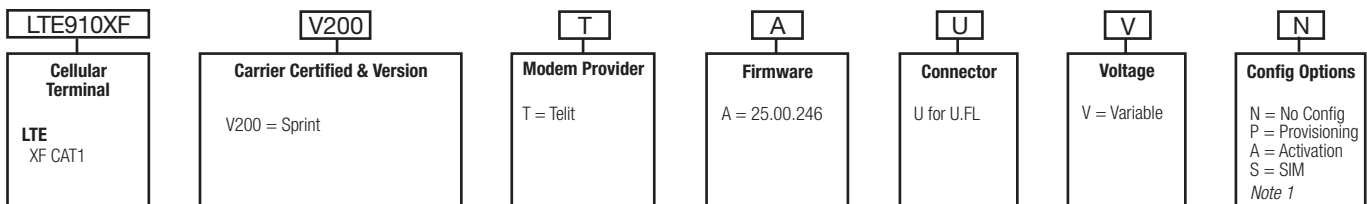
LTE910XF v2.00 CAT1 Mechanical Drawing



BOTTOM VIEW

Driving Dimensions: mm
[inches]

Ordering Information



Example: Part Number – LTE910XFV200TAUVN = LTE Cellular Socket Modem; Sprint Certified; Telit Modem; Standard Firmware with a U.FL Connector with a Variable Voltage with no configuration options.

Notes:

1. Config Options: Provisioning is turning on a device on the network. Activation is assigning MEID's to a customer account. SIM designation is for installation of the SIM

Contact Sales for Additional Special Order Options: Dave Jahr: djahr@janus-rc.com | 630-499-2121

Revision History

Revision	Revision Date	Note
00	05/16/19	Initial Release



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