

JANUS REMOTE COMMUNICATIONS

Embedded Cellular XF Footprint LTE910XF v8.00 CAT 4 Plug-In Modem

Description

The Janus LTE910XF v8.00 CAT 4 Socket Modems, based on the industry standard 20-pin DIP “X” footprint, are PTCRB and Carrier “end device” certified LTE modems available for all wireless IoT applications. They support North American LTE bands and include fallback capability, minimizing hardware and network access costs. The LTE910XF “end device” carrier certification allows for end application integration with no further North American carrier certification requirements.

Incorporating the Telit LE910-NA V2 module, the Janus LTE910XF v8.00 is available for use on AT&T, T-Mobile, Verizon, Rogers, Bell, and Telus networks. It is pin compatible with the full line of Janus “X” Footprint Socket Modems, available for all 2G, 3G, and 4G LTE networks worldwide.

The Janus line of “X” Footprint (XF) embedded cellular Socket modems are specifically designed to provide customers with cost-effective products that are easily integrated into new and existing designs. They allow users to add robust, scalable cellular connectivity to any IoT application with few integration or cellular certification issues.

Available in two different versions for North America:
 LTE910XF v8.00 TAUVN (AT&T, T-Mobile, Rogers, Bell, Telus)
 LTE910XF v8.00 TAUENV (Verizon)

Technical Specifications

Form Factor

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

Approvals

Regulatory: FCC, GCF, PTCRB
 Carrier: AT&T and T-Mobile

Speeds

150Mbps Download
 50Mbps Upload

Current Consumption

Input voltage: 3.5V - 5.5Vdc
 I/O voltage: 1.65V - 5.5Vdc
 Sleep mode: 1.2mA
 Normal: 12.2mA
 Active call: 500mA

Temperature Range

Operating and Storage Temperature -40°C to 85°C

Antenna Specifications

1 U.FL primary, 1 U.FL RX Diversity in MIMO

SIM Slot

3FF Micro SIM connector

Support and Warranty

1 Year standard warranty

Take the complexity out of designing cellular IoT solutions with Janus Socket Modems.



Features

- Industry Standard 20-Pin Connector Footprint
- 2 U.FL port for antenna diversity
- Easy migration path, future-proof
- Development kits available
- Capable of 150 Mbps download / 50 Mbps upload speed

Advantages

- Approvals: FCC, GCF, PTCRB, AT&T, Verizon, T-Mobile and CE
- Migration path to new LTE categories
- Bundled data plans available

Applications

Suitable for all IoT / M2M Applications

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

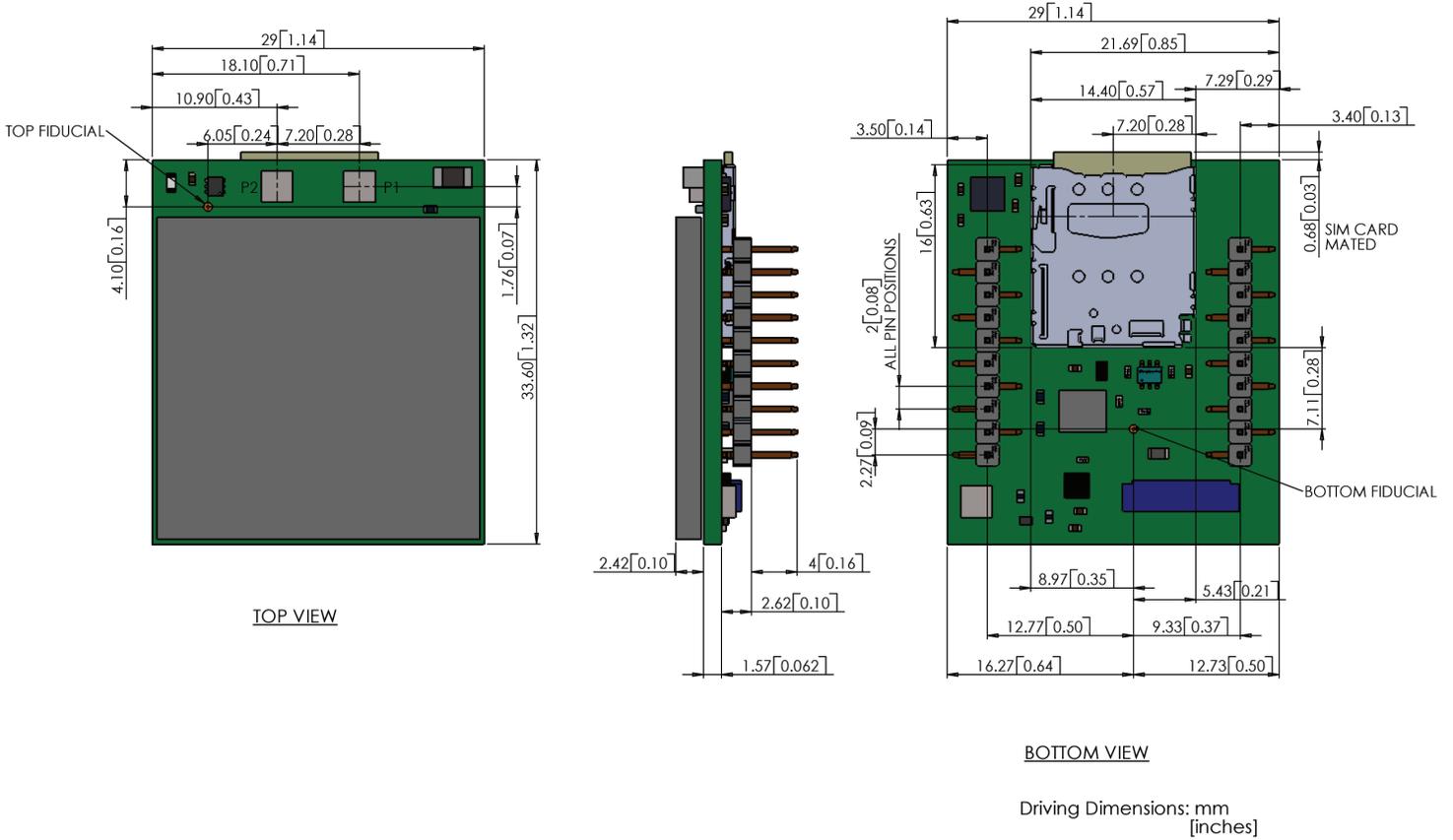
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Bulletin **JA20-PB_LTE-C4-v8**
 Revision **08**
 Date **03 Nov 2021**



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LTE910XF Mechanical Drawing



Ordering Information

LTE910XF	V800	T	A	U	V	N	V
Cellular Terminal	Carrier Certified & Version	Modem Provider	Firmware	Connector	Voltage	Config Options	Carrier
LTE LTE910XF CAT 4	V800 = AT&T, T-Mobile, Verizon, Rogers, Bell, and Telus	T = Telit	A = 20.00.504 (AT&T) = 20.00.004 (Verizon)	U for U.FL	V = Variable	N = No Config P = Provisioning A = Activation S = SIM Note 1	V = Verizon

Example: Part Number – LTE910XFV800TAUVN = LTE Cellular Plug-In Terminal; AT&T 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	08/29/17	Initial Release
01	09/19/17	Updated Specs, Features, Speeds, Ordering Info and Antenna Specifications
02	03/13/18	Updated to add Verizon
03	05/02/18	Updated Telit module, Firmware Ordering Information
04	08/31/18	Changed Current Consumption Active Call information
05	10/03/18	Updated Mechanical Drawing
06	10/18/18	Updating Firmware on Ordering Information
07	03/20/19	Updated Input Voltage
08	11/03/21	Updated Verizon Certification Notice



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