

JANUS REMOTE COMMUNICATIONS

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

Description

The LTE910XF v8.00 CAT 4 Plug-In modem, based on the industry standard 20-pin connector footprint, is a PTCRB and Carrier end device certified LTE modem for use on CAT 4 networks globally.

Add robust cellular connectivity to your IoT devices with scalable radio technology with the standard industry 20-pin connector footprint line of modems including LE910 based LTE solutions. Extensive experience in designing and building embedded product solutions makes the LTE910XF v8.00 embedded cellular modem the smallest on the market. It supports multiple LTE bands and fallback capability minimizing costs of hardware and network access.

Incorporating the Telit LE910 penta band module, the LTE enabled Janus LTE910XF v8.00 is available for use on AT&T, T-Mobile, Rogers, Bell, and Telus networks, as well as all other GSM networks worldwide. It is pin compatible with the full line of Janus XF Footprint Plug-In products.

Take the complexity out of designing cellular IoT solutions.

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: 3.4V - 4.2Vdc
I/O voltage: 1.65V - 5.5Vdc
Sleep mode: 1.2mA
Normal: 12.2mA
Active call: 580mA

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



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, 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

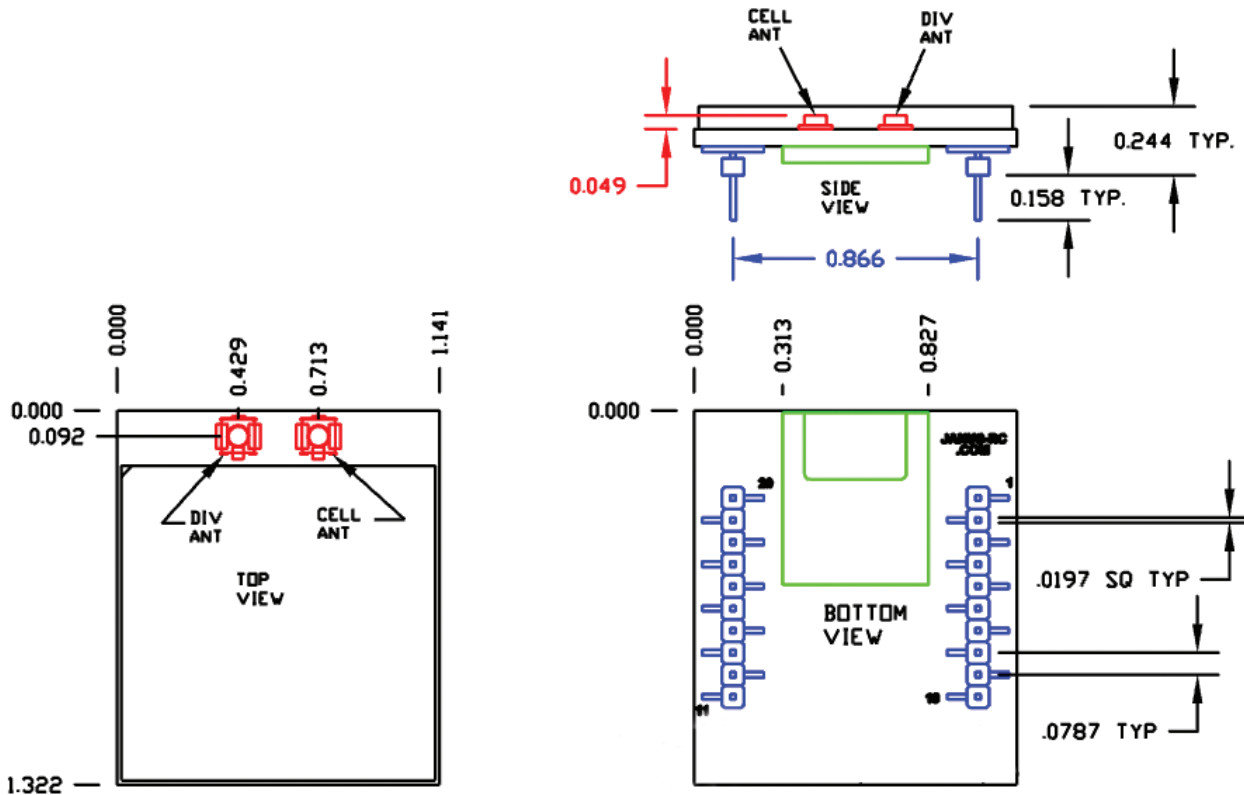
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Bulletin **JA20-PB_LTE-C4-v8**
Revision **01**
Date **19 Sept 2017**



Making machines talk.

LTE910XF Mechanical Drawing



Ordering Information

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

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

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