PRODUCT BRIEF

JANUS REMOTE COMMUNICATIONS

Embedded Cellular XF Footprint
LTE910XF CAT 1 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 LTE910XF CAT1 CF Socket Modems are available in two versions: LTE910XF v6.00 for Verizon and LTE910XF v7.00 for AT&T. Both versions use Telit LE910’s as their cellular engine. The LTE910XF v6.00 units operate in LTE CAT1 only using bands B2, B4 and B13. The LTE910XF v7.00 units operate in LTE CAT1 with fallback to HSPA+, in B2, B4, B5, B12 and B13 bands, and defaults to the appropriate network.

End device certification allows users to implement the LTE910XF in their devices with no further North American carrier certification requirements.

LTE910XF v6.00 TAUVN (Verizon)

LTE910XF v7.00 TAUVN (AT&T, T-Mobile, Rogers, Bell, Telus)

Technical Specifications

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

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

Temp Range: -40°C to 85°C

Input Voltage: 3.4 to 4.2Vdc

Data Rate:
- LTE: 10.3D/5.2U Mbps

Frequency Bands
- LTE Bands: B12 & B13 (700), B5 (850), B4 (1700), B2 (1900) - v7.00
- LTE Bands: B2 (700), B4 (1700), B13 (700) - v6.00
- 3G Bands: B5 (850), B2 (1900) - v7.00

TCP/IP stack access via AT commands

Cellular, Rx Diversity & MIMO DL 2x2

Features

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

Advantages

- Approvals: FCC, GCF, PTCRB, AT&T, CE
- 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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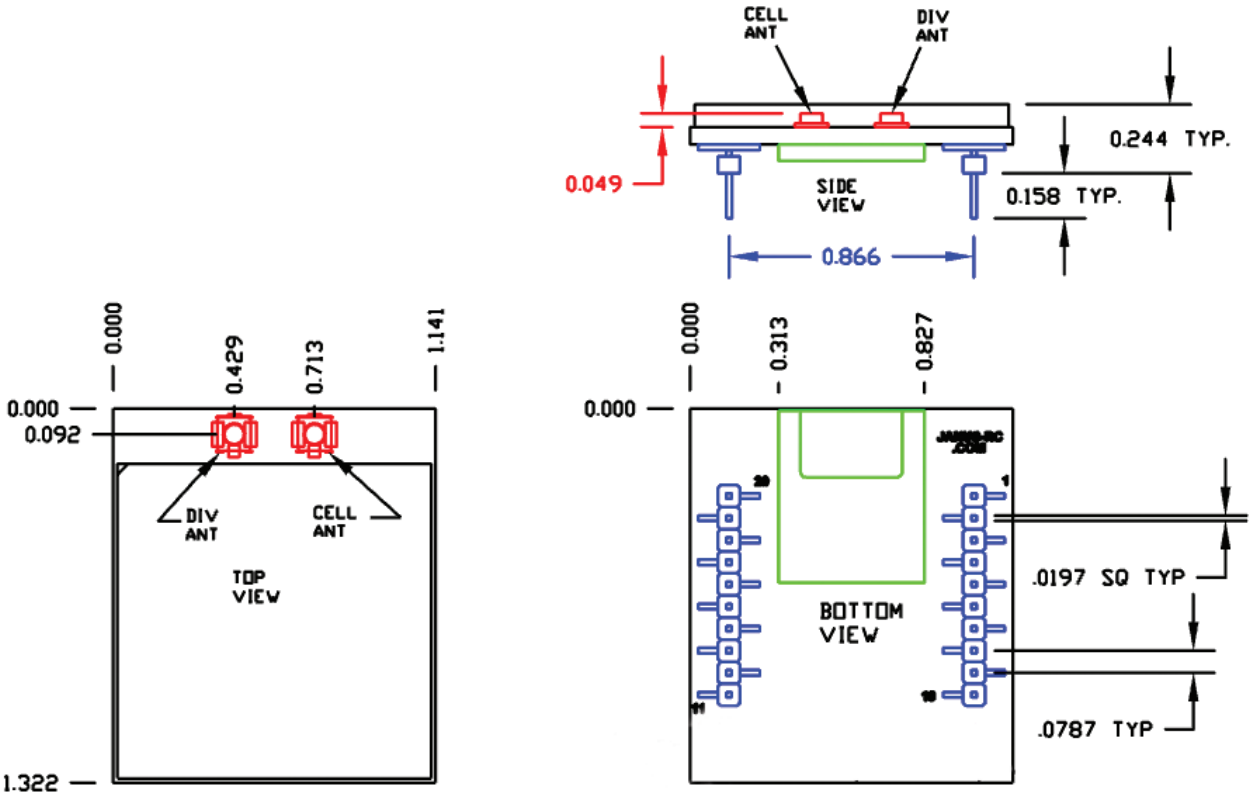
Bulletin	JA20-PB_LTE-C1
Revision	01
Date	10 July 2018

Telit is in it.
Making machines talk.

LTE910XF CAT1 Mechanical Drawing



Ordering Information

LTE910XF	V700	T	A	U	V	N
Cellular Terminal **LTE** LTE910XF CAT 1	**Carrier Certified & Version** V700 = AT&T V600 = Verizon	**Modem Provider** T = Telit	**Firmware** A = 20.01.524 (AT&T) 20.01.014 (Verizon)	**Connector** U for U.FL	**Voltage** V = Variable	**Config Options** N = No Config P = Provisioning A = Activation S = SIM *Note 1*

Example: Part Number – LTE910XFV700TAUVN = 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	01/10/18	Initial Release
01	07/10/18	Additional description information

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