

JANUS REMOTE COMMUNICATIONS

Embedded Cellular XF Footprint HSPA910XF v1.00 Plug-In Modem

Description

The HSPA910XF Plug-In modem, based on the industry standard 20-pin connector footprint, is a PTCRB and Carrier end device certified HSPA+ modem for use on GSM based networks globally. End device certification allows users to implement the HSPA910XF in their devices with no further North American carrier certification requirements.

Incorporating the Telit HE910G penta band module, the GPS enabled Janus HSPA910XF 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

21Mbps Download
5.7Mbps 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

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
- 1 U.FL for GPS & GLONASS
- Easy migration path, future-proof
- Development kits available
- Capable of 21 Mbps download / 5.7 Mbps upload speed

Advantages

- Approvals: FCC, GCF, PTCRB, AT&T, CE
- Supports GPS & GLONASS
- 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

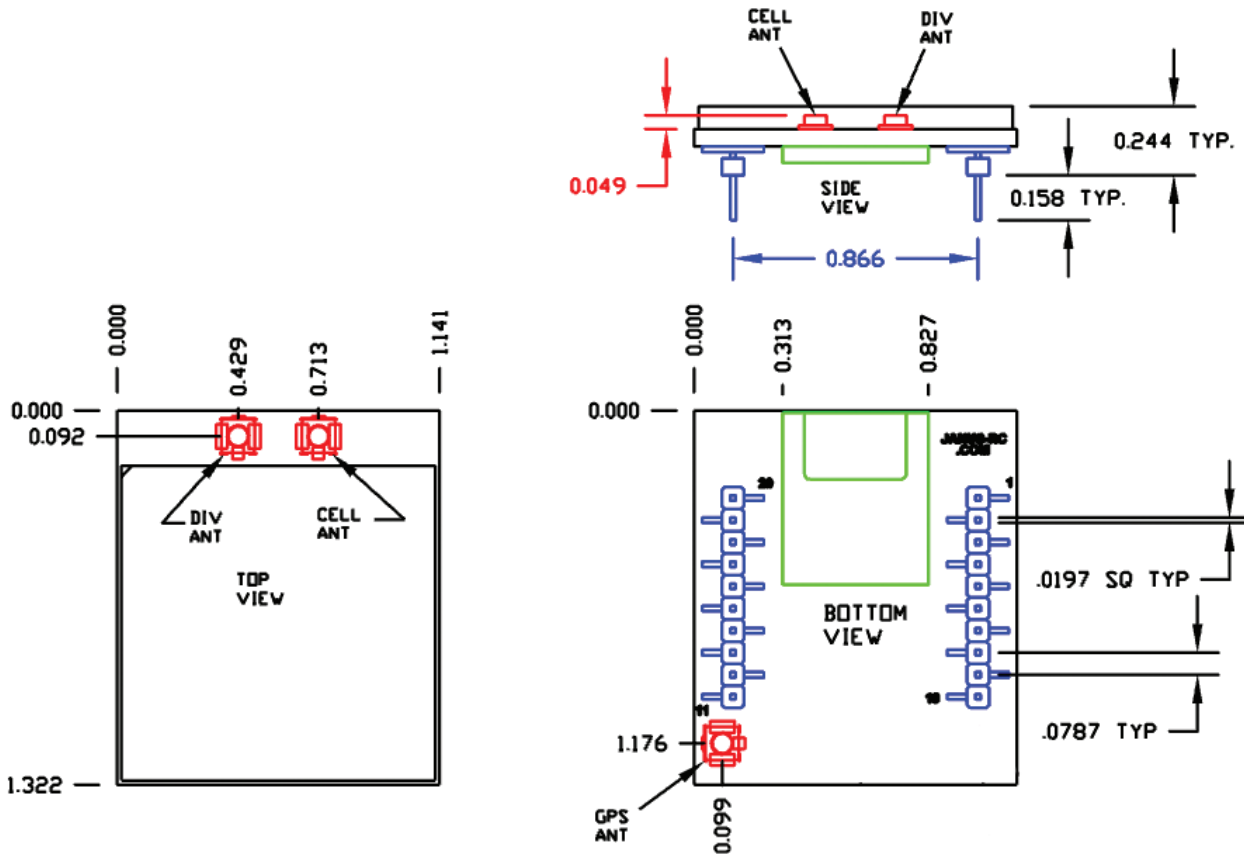
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Bulletin **JA20-PB_HSPA**
Revision **02**
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Making machines talk.

HSPA910XF Mechanical Drawing



Ordering Information

HSPA910XF	V100	T	A	U	V	N
Cellular Terminal HSPA+ HSPA910XF	Carrier Certified & Version HSPA V100 = AT&T	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 – HSPA910XFV100TAUVN = HSPA+ 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	06/01/16	Initial Release
01	03/23/17	Mechanical Drawing and Features download/upload Updates
02	04/19/17	Updated Dimensions and contact information



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