

JANUS REMOTE COMMUNICATIONS

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CF Plug-In Series LTE910CF CAT1 Embedded 4G Cellular Modem

Description

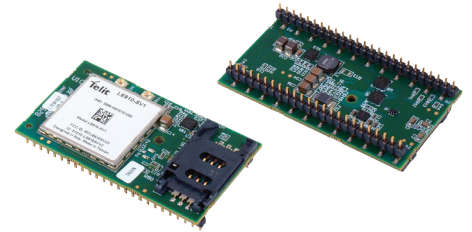
The Janus line of Common Footprint (CF) Plug-In modems are footprint compatible, some are GPS enabled, plug-in terminals for use in HSPA+ and LTE communication networks, and also Wi-Fi connectivity. They were specifically designed to provide customers with cost effective products that are easily integrated into new and existing designs, require limited customer certification resources, and are completely interchangeable to allow for maximum network flexibility while removing the worry of product obsolescence.

The LTE910CF CAT1 CF Plug-In modems are available in two versions: LTE910CF v6.00 for Verizon and LTE910CF v7.00 for AT&T. Both versions use Telit LE910's as their cellular engine. The LTE910CF v6.00 units operate in LTE CAT1 only using bands B2, B4 and B13. The LTE910CF 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. The LTE910CF is pin compatible with the full line of Janus Plug-In CF Products.

The LTE910CF is the LTE communication modem of the CF Plug-In series.

LTE910CF CAT1 Features

- Data Rate: LTE: 10D/5U Mbps
- V6.00 Frequency bands (Verizon)
 - LTE Bands: B2(1900), B4(AWS1700), B13(700)
- V7.00 Frequency bands (AT&T)
 - LTE Bands: B12/B13(700), B5(850), B4(AWS1700), B2(1900)
 - 3G Bands: B5(850), B2(1900)
- TCP/IP stack access via AT commands
- SMS (MO / MT)
- Output power: Class 3
 - (0.2W, 23 dBm) @ LTE
 - (0.25W, 24 dBm) @ WCDMA
- Dimensions: 2.5" x 1.4" x 0.325"
- Operational temperature range: -40°C to 85°C
- Internal Switching Regulator:
 - Input Voltage Range: 4.75 to 5.25Vdc (5Vdc nominal)
 - Supply disable via terminal input pin
- Variable logic level (UART/GPIO)
 - Adjustable from 1.8 - 5.0Vdc
 - Defaults to 2.85v
- SIM Card
 - Locking SIM card socket, Mini (2FF size) SIM
 - Or, Optional SIM on a chip
- Cellular, Rx Diversity & MIMO DL 2x2 available via miniature RF connector



Applications

Suitable for all M2M Applications

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

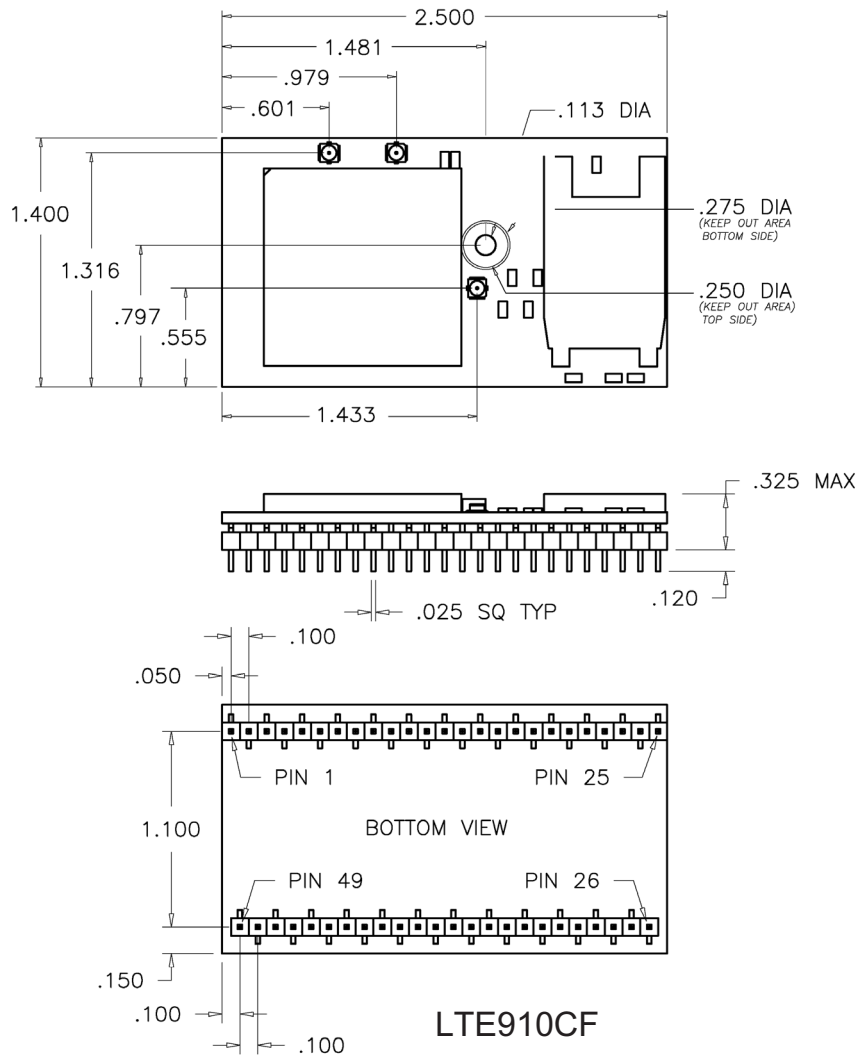
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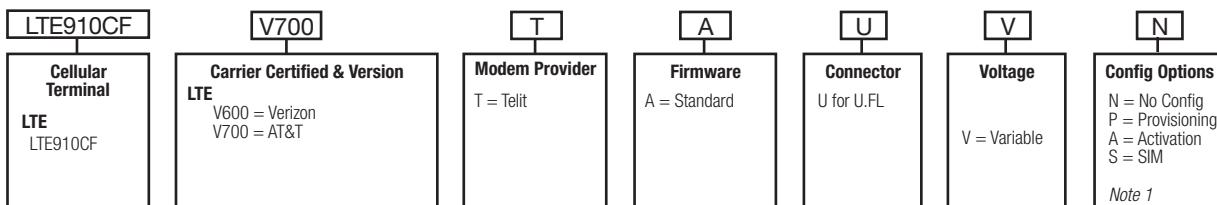


Making machines talk.

LTE910CF CAT1 CF Plug-In Mechanical Drawings



Ordering Information



Example: Part Number – LTE910CFV700TAUVN = 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