

JANUS REMOTE COMMUNICATIONS

PRODUCT BRIEF

Terminus Plug-In Series HSPA910CF Terminal Modem

Description

The Janus line of Terminus Plug-In modems are footprint compatible, GPS enabled, plug-in terminals for use in GSM/GPRS, EDGE, CDMA, HSPA+, EV-DO 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 HSPA910CF Terminus Plug-In modem incorporates Telit's HE910 penta-band module as its cellular heart. The unit operates in the GSM, GPRS, EDGE, UMTS, or HSPA+ bands, defaulting to the appropriate network. It is pin compatible with the full line of Janus Plug-In Terminal products.

The Terminus HSPA910CF is the HSPA+ communication modem of the Plug-In series. This 3.5G modem provides M2M communication over HSPA networks and the HSPA910CF v1 is AT&T Certified.

HSPA910CF Features

- HSDPA 21.0D/5.76U Mbps
- Penta-Band HSPA+
- GSM Quad Band 850, 900, 1800, 1900 MHz
- UMTS/HSPA Penta-Band 850, 900, 1700, 2100 MHz
- EGPRS / WCDMA / HSDPA / HSUPA
- TCP/IP stack access via AT commands
- SMS (MO / MT)
- Output power
 - Class 4 (2W, 33 dBm) @ GSM 850 / 900
 - Class 1 (1W, 30 dBm) @ GSM 1800 / 1900
 - Class 3 (0.25W, 24 dBm) @ UMTS
 - Class E2 (0.5W, 27 dBm) @ EDGE 850 / 900
 - Class E2 (0.4W, 26 dBm) @ EDGE 1800 / 1900
- Dimensions: 2.5" x 1.4" x 0.325"
- Through hole for screw mount
- Operational temperature range: -30°C to 80°C
- Internal Switching Regulator:
 - Input Voltage Range: 4.75 to 5.25Vdc (5Vdc nominal)
 - Supply disable via terminal input pin
- SIM Card
 - Standard locking SIM card socket
 - Or, optional SIM on a chip
- Cellular, Rx Diversity, and GPS available via Murata GSC miniature RF connector
- GPS
 - Stand alone GPS available at AT command interface
 - NMEA data
 - Dedicated GPS antenna connection with active antenna support



Applications

Suitable for all M2M Applications

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

Terminus Models & Ordering

Ordering	Description
HSPA910CF v1.0	Terminus HSPA+ Plug-In Modem GPS Enabled AT&T Certified

Additional Plug-In Products

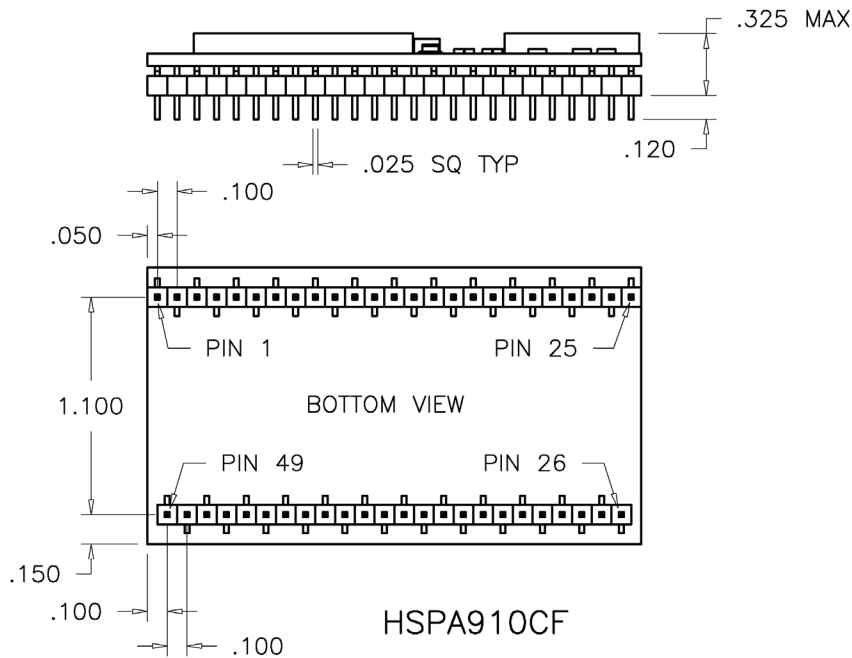
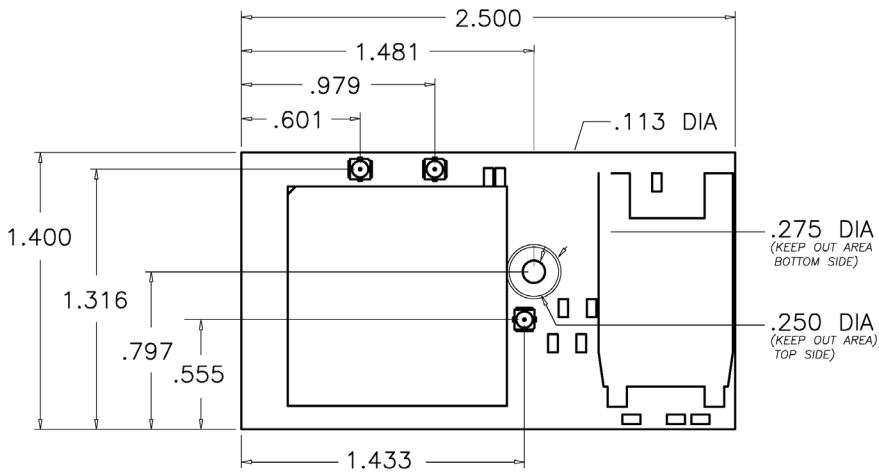
GSM865CF v1.1	Terminus GSM Plug-In Modem - GPS enabled
GSM865CF v2.0	Terminus GSM Plug-In Modem - without GPS
CDMA864CF v2.0	Terminus CDMA Plug-In Modem - Sprint Certified
CDMA864CF v3.0	Terminus CDMA Plug-In Modem - Verizon Certified
CDMA864CF v4.0	Terminus CDMA Plug-In Modem - Aeris Certified
WiFi1500CF v1.0	Terminus Wi-Fi Plug-In Modem - GPS enabled
WiFi1500CF v2.0	Terminus WiFi Plug-In Modem - without GPS
EVDO910CF v3.0	Terminus EV-DO Plug-In Modem - Verizon

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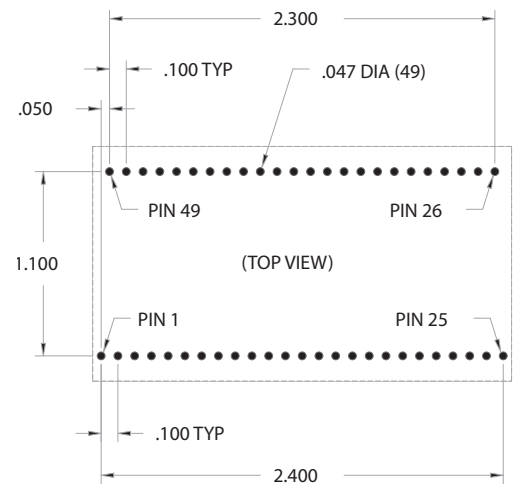
Bulletin **JA03-PB_HSPA**
Revision **P02**
Date **01 Oct 2012**



Making machines talk.



HSPA Mechanical Drawing



Terminus Plug-In

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