JANUS REMOTE COMMUNICATIONS

Terminus Plug-In Series
UMTS864CF 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, UMTS, 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.

Each unit will be a certified end product with a power supply and 5.0V operation. The GSM, UMTS and HSPA modems will also include a SIM Card socket. To allow for easy integration, this terminal is available in an open frame option only.

The Terminus UMTS864CF is the UMTS communication modem of the Plug-In series. This 3.5G modem provides M2M communication over UMTS networks.

UMTS864CF Features

- HSDPA 7.2 Mbps
- Tri-band UMTS / HSDPA (WCDMA / FDD) 850/1900/2100 MHz
- Quad-band EGSM 850 / 900 / 1800 / 1900 MHz
- GPRS/EDGE CLASS 12
- TCP/IP stack access via AT commands
- Over-the-Air firmware management
- 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 0.420"
- Operational temperature range: -30°C to 80°C
- Internal LDO regulator
  - Input voltage range: 4.75 to 5.25Vdc (5.0Vdc Nominal)
  - Supply disable via terminal input pin
- SIM Card
  - Standard locking SIM card socket
  - Or, optional SIM on a chip
- GSM 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
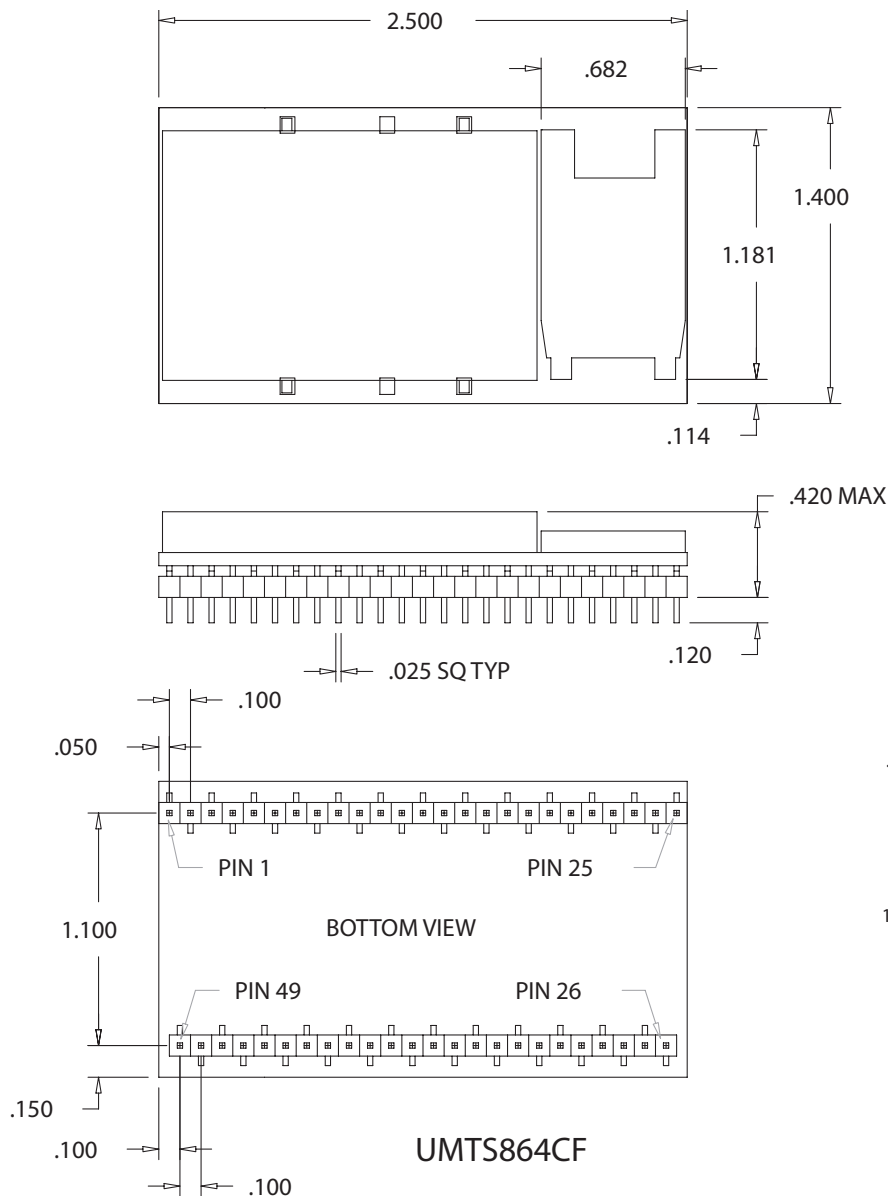- Remote Meter Reading
- Vending Machines

Terminus Models & Ordering

Ordering	Description
UMTS864CF v1.0	Terminus UMTS Plug-In Modem
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
HSPA910CF v1.0	Terminus HSPA+ Plug-In Modem - GPS Enable
WiFi1500CF v1.0	Terminus Wi-Fi Plug-In Modem - GPS enable
WiFi1500CF v2.0	Terminus WiFi Plug-In Modem - without GPS
EVDO910CF v3.0	Terminus EV-DO Plug-In Modem - Verizon

2111 Comprehensive Drive
Aurora, Illinois 60505
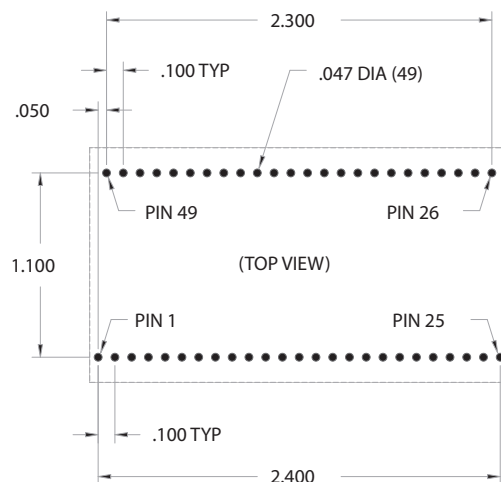**630.499.2121**
Fax: 630.851.5040
www.janus-rc.com

Bulletin	**JA03-PB_UMTS**
Revision	**P04**
Date	**03 Sept 2012**

Telit is in it.

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UMTS Mechanical Drawing

Terminus Plug-In

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