

JANUS REMOTE COMMUNICATIONS

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Terminus Plug-In Series UMTS864CF Terminal Module

Description

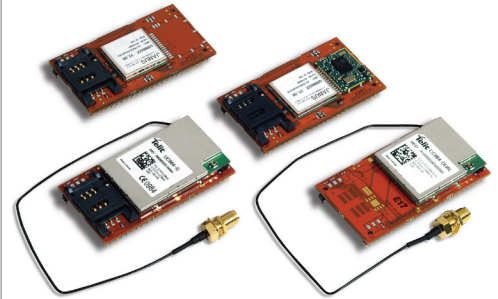
The Terminus Plug-In series of products are plug-in communication modules specifically designed for wireless M2M applications. Their multi-band design enables worldwide development of applications.

The Plug-In Terminus products allow users the option to change network and user configurability as technology and communication needs change. Three communication options, GSM, CDMA and UMTS are available within one common board layout. Each unit will be a certified end product with a power supply and 5.0V operation. The GSM and UMTS modules 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 module of the Plug-In series. This 3.5G module 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
- Voice and 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 Murarta GSC miniature RF connector
- GPS
 - Standalone 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 V1.00	Terminus UMTS Plug-In Module
Additional Plug-In Products	
GSM865CF V1.00	Terminus GSM Plug-In Module - GPS enabled
GSM865CF V2.00	Terminus GSM Plug-In Module - without GPS
CDMA864CF V1.00	Terminus CDMA Plug-In Module - Sprint Certified
CDMA864VCF V1.00	Terminus CDMA Plug-In Module - Verizon Certified

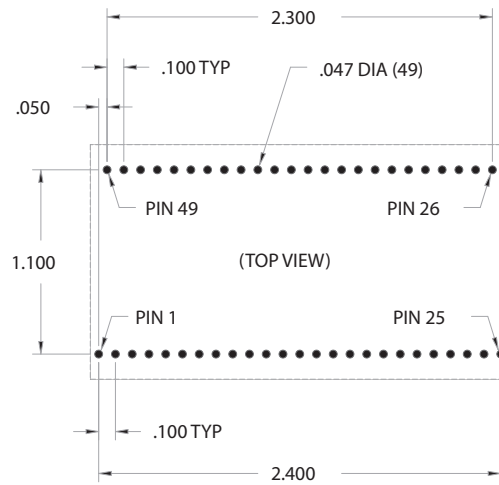
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Bulletin **JA03-PB_UMTS**
Revision **P01**
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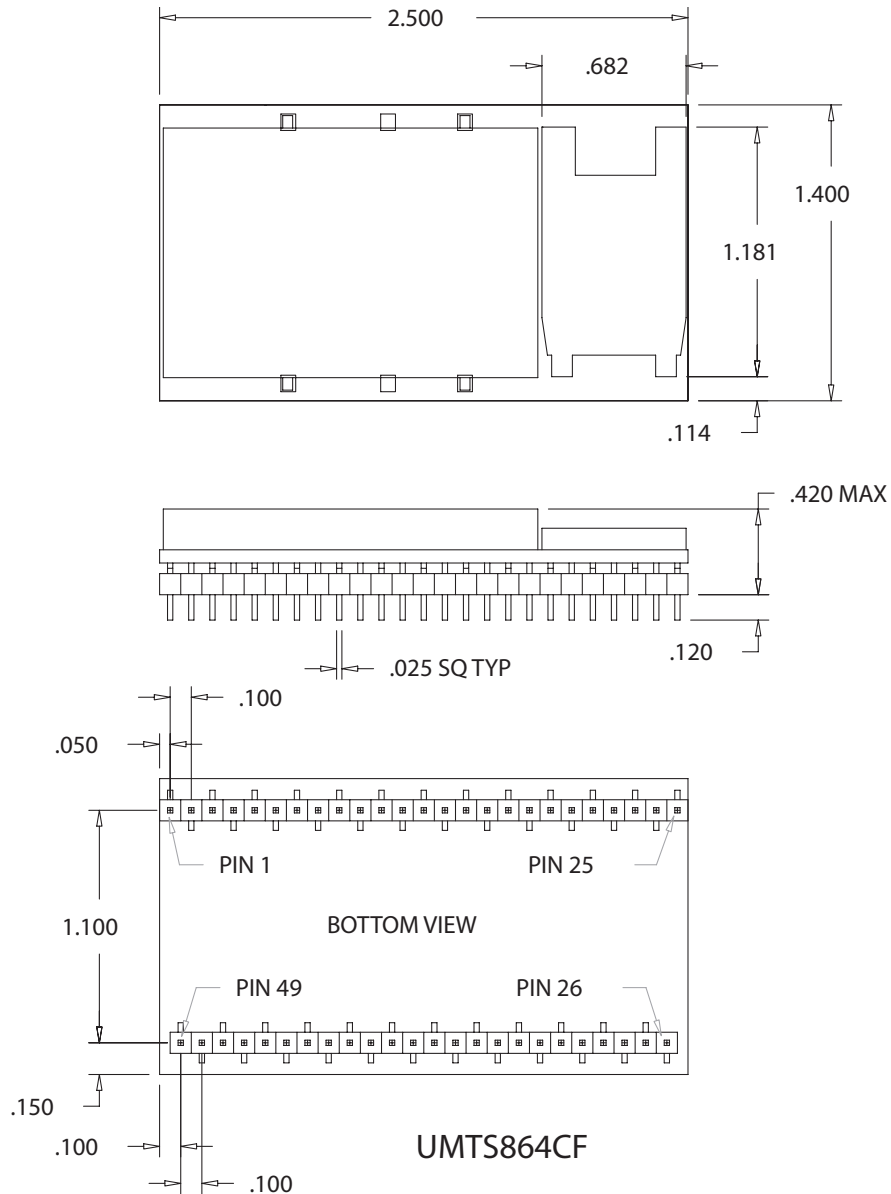


Making machines talk.

Terminus Plug-In



UMTS Mechanical Drawing



Janus Remote Communications

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Making machines talk.