JANUS REMOTE COMMUNICATIONS

XF mPCIe v1.00 Adapter Board

Description

The Janus Mini-PCIe adapter board allows customers to add cellular connectivity to existing mPCIe enabled designs without the need for further regulatory or carrier certifications. Our mini-PCIe adapter board accepts all "X" Footprint (XF) Janus Socket "end device" certified modems, including CAT 4, CAT1, and CAT-M1 products. "End device" certification allows users to integrate any cellular XF modem into their application with no further North American carrier or regulatory certification requirements.

Easily add cellular connectivity to your product via an mPCIe connection with our XF modem series and mPCIe Adapter. Adapters can also be used to fit a full-sized PCI design.

Adapter board used to create an mPCIe connection with our XF modem series

Technical Specifications

Form Factor
Full-Mini PCI Express Card

Temp Range: -40°C to 85°C

Input Voltage: 3.3V

Dimensions
51 x 30 x 5.5mm (2.0 x 1.18 x 0.22 in) **with no modem**

Typical Current Consumption
Sleep mode: 1mA
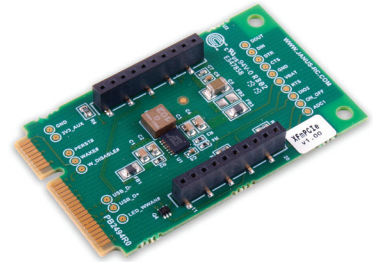Active call during TX: 720mA - 1.5A varies with modem

Communication: USB

Compatible Products
All Janus XF socket modems

Antenna Connections:
U.FL Cellular and optional GPS varies with modem

Warranty: One year standard

Features

- Accepts Janus "end device" certified XF LTE modems
- Fits most mini-PCIe enabled designs
- Antenna requirements in XF documentation

Advantages

- Space efficient design
- No further certification requirements
- Assists customers in getting to market quickly

Applications
Suitable for all IoT / M2M Applications

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

Part Number Ordering Information

XF mPCIe Adapter Board V1.00

2359 Diehl Road
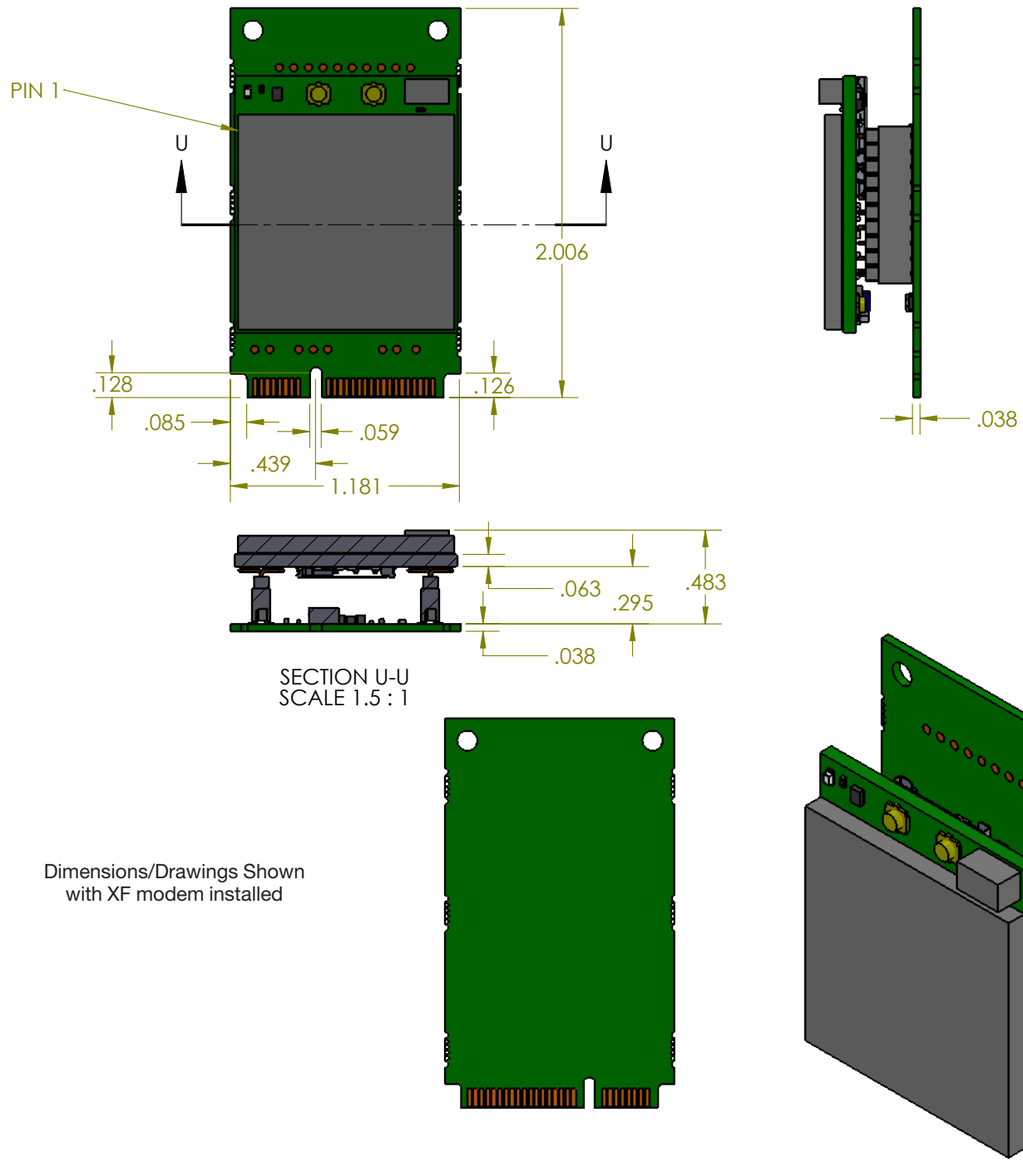Aurora, IL 60502
630.499.2121
info@janus-rc.com
www.janus-rc.com

XF mPCIe v1.00 Adapter Board Mechanical Drawings

PIN 1

U

U

2.006

.128

.085

.059

.439

.126

1.181

.063

.483

.295

.038

.038

SECTION U-U
SCALE 1.5 : 1

Dimensions/Drawings Shown
with XF modem installed

Revision History

Revision	Revision Date	Note
00	03/05/20	Initial Product Brief