PRODUCT BRIEF

JANUS REMOTE COMMUNICATIONS

XF M.2 v1.00 Adapter Board

Description

The Janus XF M.2 adapter board allows customers to add cellular connectivity to existing M.2 enabled designs without the need for further regulatory or carrier certifications. Our M.2 adapter board accepts all “X” Footprint (XF) Janus Socket “end device” certified modems, including 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 M.2 connection with our XF modem series and M.2 Adapter.

Adapter board used to create an M.2 connection with our XF modem series

Technical Specifications

Form Factor

M.2 3052 key-B.
Note: Height exceeds M.2 standard specifications.

Temp Range: -40°C to 85°C

Input Voltage: 3.3V

Dimensions

52 x 30 x 5.4mm (2.05 x 1.18 x 0.21 in) **with no modem**

Typical Current Consumption

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

Communication: USB

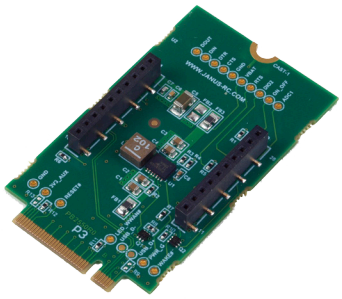
Compatible Products

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 many M.2 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 M.2 Adapter Board V1.00

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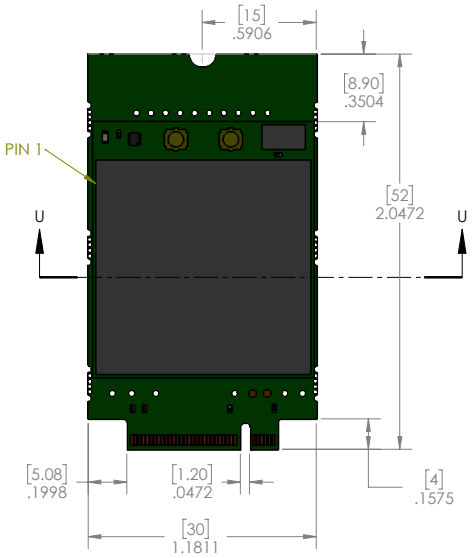
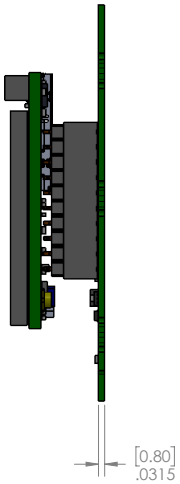
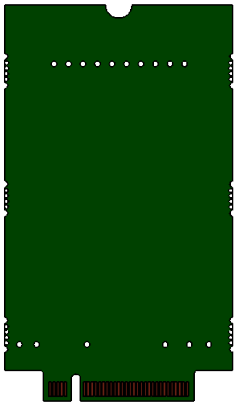
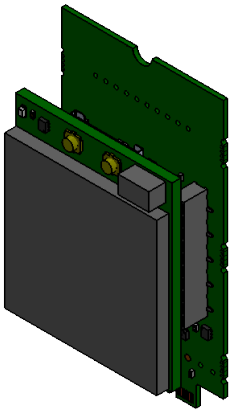
Bulletin	JA20-PB_XF-M-2
Revision	00
Date	14 May 2025

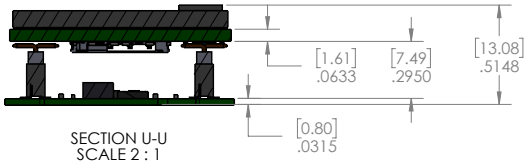
XF M.2 v1.00 Adapter Board Mechanical Drawings











SECTION U-U
SCALE 2 : 1

Dimensions/Drawings Shown with XF modem installed

Revision History

Revision	Revision Date	Note
00	05/14/25	Initial Product Brief

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