Multi-Protocol MPR 7000 RFID Card

EPC Class 0/1 and 0+ in PCMCIA Type II Pkg.

Compact   Efficient   Low Cost

Product Features

Serial Interface Using 68-Pin PCMCIA Connector

Multi Protocol
- EPC Class 0 (read)
- EPC Class 1 (read and program)
- Class 0+ (read and program)
- Firmware Upgrade (UHF G2 & others)

Multiple Antenna Ports
- Two Separate Antennas
- 50 Ohm MMCX Coax Connectors

PCMCIA Type II PC Card™ Physical Package

FCC Approved—FCC ID: NTTWJMPR7XXX

Just plug it in, install it and read tags...

WJ's MPR 7000 RFID Card provides breakthrough performance in a standard PCMCIA Type II package. These readers represent a new level for size, standards-based compatibility, ease of use and performance. Each RFID Card includes the analog RF, digital circuitry and embedded firmware required for EPC Class 0 and EPC Class 1 operation. The modular design is flexible, and a simple firmware upgrade is all that is required to incorporate future standards—like UHF Gen 2—and new features. The MPR 7000 leverages the common PCMCIA Type II package with serial communications and separate bias power connections. Plug it into a PCMCIA Type II socket wired for serial communications and operate it via a simple WJ GUI program. WJ's simple but powerful command set allows for fast creation of custom applications via an open-source DLL. These readers enable a host of reader and programmer solutions including handhelds, printers, smart packaging, material handling and industrial products for today and the future.

Multi-Protocol MPR 7000 RFID Card

Technical Specifications

Operating Frequency

- UHF 902-928 MHz (U.S. ISM)
- Frequency Hopping

Protocol Support

- 1.0W Transmit Power
- EPC Class 0 and Class 1
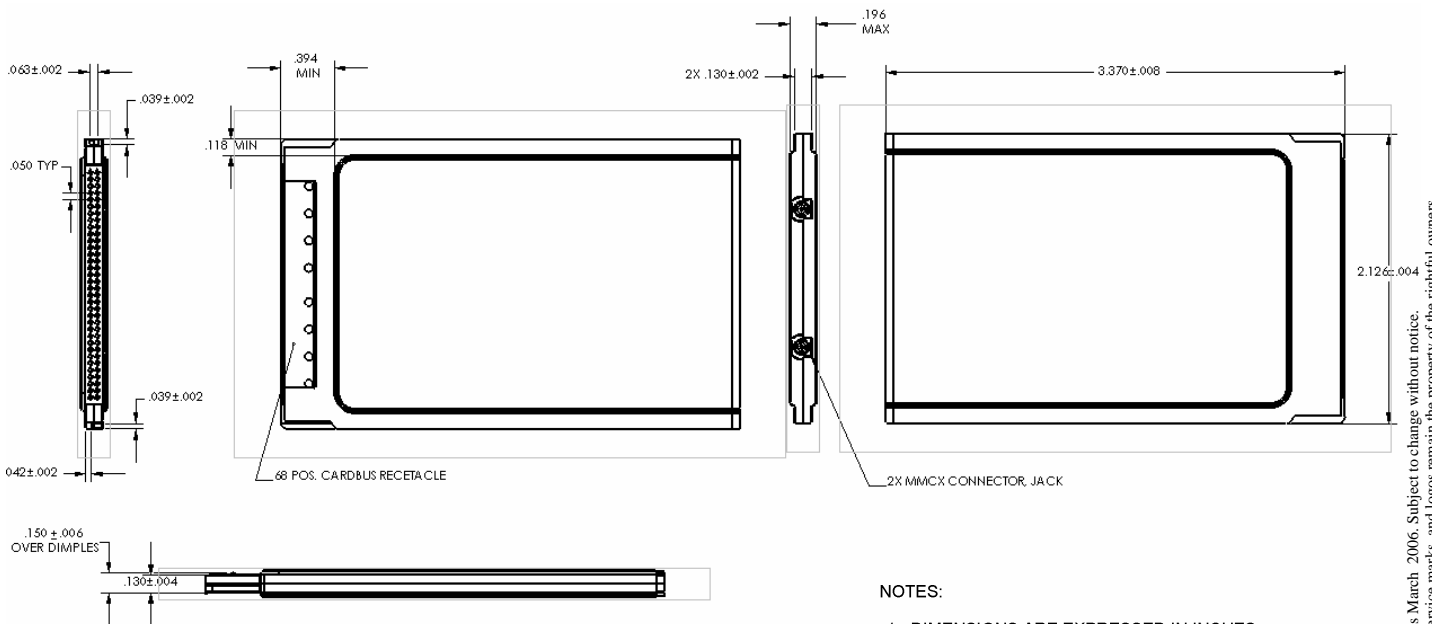- Class 0+ Protocol

Regulatory Compliance

- FCC Part 15 Certified by WJ

Power Supply

- 5VDC Nominal
- 300mA Typical Average Current
- 1500mA Peak Current

Temperature

- 0 to 40 C Operating
- -20 to 70 C Storage

NOTES:

1. DIMENSIONS ARE EXPRESSED IN INCHES.

2. TOLERANCE .XXX ±.015
   .XX ±.02