


PRODUCT DATA SHEET
WPM11681
Instantaneous & Simultaneous

- Local and/or Remote Monitoring
- Forward Power Reading/Monitoring (Watts or dBm)
- Reverse Power Reading/Monitoring (Watts or dBm)
- VSWR Readings (Watts, Return Loss, Rho)

VSWR Alarm

- Customer can set up audio/visual alarm via relay contacts.
- Signal sent to closed loop.

Temperature Monitoring (with alarm)

- One sensor, internal measurement, within Power Meter.
- One sensor, external measurement, to be placed by customer.

General Purpose Inputs (6 ea) Multiple Use

- Track switch closures (assign to interlock group).
- Trigger alarm relay (sends email alert).
- RF presence status/alarm (safety feature).
- Alarm, activated switch.

Accessories:

- Single Channel and Multi-Channel Displays
- RF Digital Dashboard Spreadsheet Software, (Simultaneously Monitor Outputs of 30+ Power Meters)
- PC Based Graphical User Interface Windows XP/7/8/10 Compatible

Electrical Specifications:

Frequency: 2 - 128 MHz
Power: 10,000 W CW

Calibrated to Exact Frequencies:

2.0 MHz 13.56 MHz 27.2 MHz
60.0 MHz 127.12 MHz

Connector Configurations:

| Model | Input(J1) | Output(J2) |
|---------------|------------|------------|
| WPM11681-502 | SQS Female | SQS Female |
| WPM11681-7502 | SQS Male | SQS Female |
| WPM11681-QC-2 | QC Block | QC Block |

Accuracy:

- $\pm 2\%$ to Customer Calibration Standard, at preselected frequencies.
- $\pm 5\%$ over a Multi-Octave Bandwidth
- Werlatone Calibration Traceable to (NIST) National Institute of Standards and Technology

Power:

- AC Power Adapter (100/240 50-60 Hertz V AC)
- POE (Passive Over Ethernet, Optional POE Injector Kit Available)
- Via RS485 (Via Single Channel or Multi-Channel Displays)

Interface (Via):

- TCP/IP - SNMP and Browser Interface via Local Area Network
- RS232, Serial
- RS485 - Form Addressable Serial Network
- User ID and Password Protected for Access and Control
- Multiple units can be Networked and Simultaneously Monitored On-Site or Remotely (TCP/IP/SNMP/Serial)

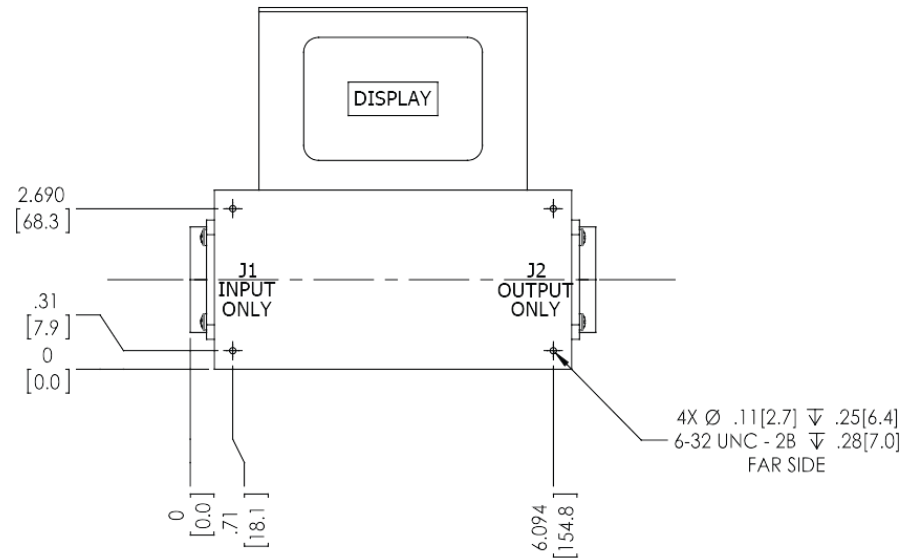
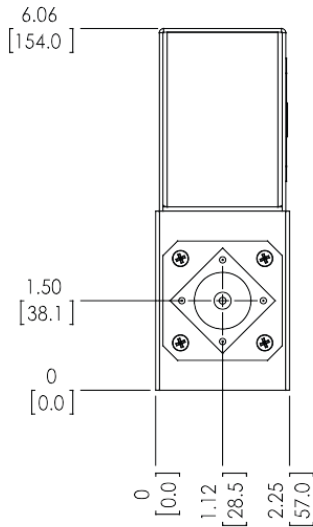
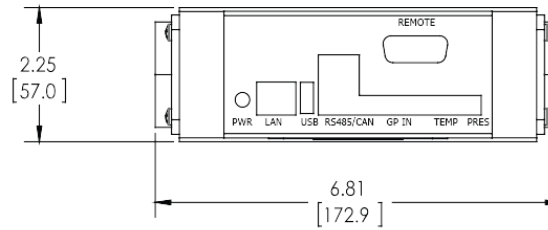
RoHS Compliant Design Available
Custom Connector Configurations Available



Mechanical Specifications:

Type: Connectorized
Operating Temperature: -55°C to +75°C
Storage Temperature: -60°C to +85°C

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| REVISION HISTORY | | | |
|------------------|-----------------|-----------|----------|
| REV. | REVISION RECORD | DATE | APPROVED |
| - | INITIAL RELEASE | 2/12/2018 | CS |



| | | | | | | | |
|-----------|---------|--|--|-------|----------|---|--|
| | | UNLESS OTHERWISE SPECIFIED | | OWN | DATE | 17 Jon Barrett Rd Patterson, NY 12563 | |
| | | • INTERPRET DRAWING (AWP) (STD) (00) | | PLP | 2/9/2018 |  WERLATONE SINCE 1965 | |
| | | • DIMENSIONS PER ASME Y14.5M-2009 | | CHK | DATE | | |
| | | • PARENTHERICAL INFO FOR REF ONLY | | CS | 2/9/2018 | OUTLINE | |
| | | • DIMENSIONS ARE IN INCHES (mm) | | ENG | DATE | | |
| | | • DIMENSIONAL LIMITS APPLY BEFORE PROCESSES | | MPGR | DATE | B 28812 21583-500 | |
| | | • TOLERANCES: | | QA | DATE | | |
| | | ANGLES ± .2° | | RELSE | DATE | 1:2 | |
| | | 2 PL ± .005 (13) | | | | | |
| | | 2 PL ± .015 (4) | | | | SHEET 1 OF 1 | |
| | | • REMOVE ALL BURRS AND SHARP EDGES 0.01 MAX | | | | | |
| | | • CONCENTRICITY MACHINED DIA. AND FDM | | | | | |
| | | • MACHINE TOOL IDENTIFICATION AND MARK | | | | | |
| WPM11416 | | THIRD ANGLE PROJECTION  | | | | | |
| NEXT ASSY | USED ON | APPLICATION | | | | | |

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