



Microwave Town Company, LLC

MTPA10151150481

100MHz-512MHz 60Watt Broadband Power Amplifier

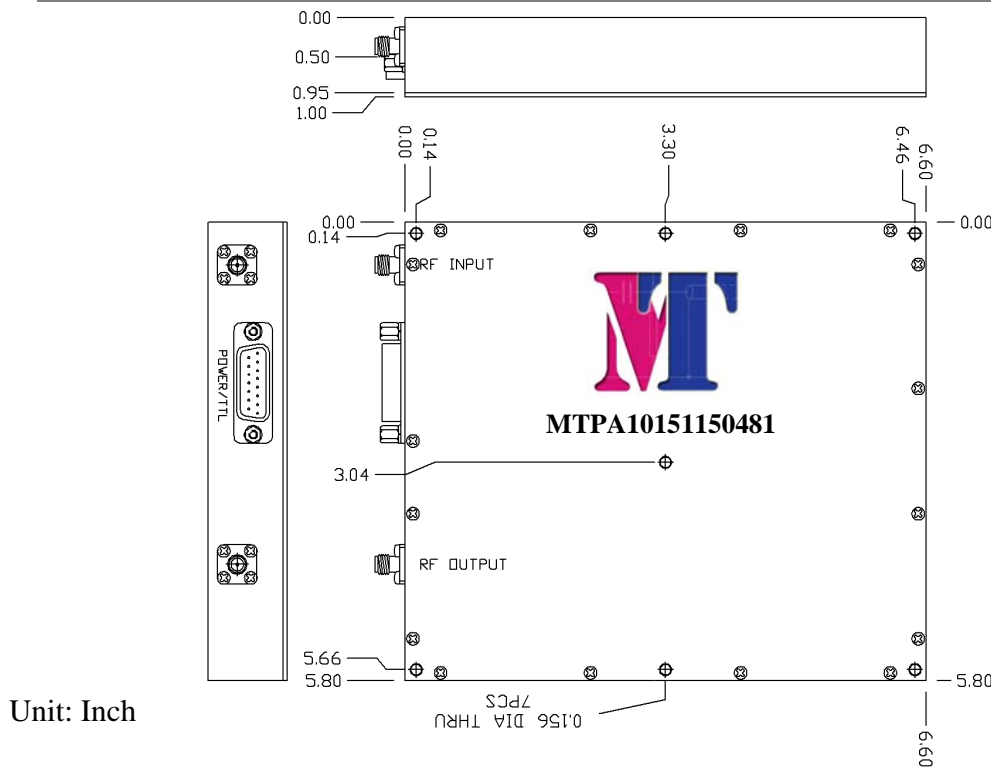
Features: Multi-octave Broadband, High output power, High efficiency, High reliability

Applications: Test & Measurement, SATCOM, Military Shortwave communications,

Air traffic control

Test condition: +28VDC, +25° C case temperature

| Specification | Unit | Min. | Typical | Max. |
|--------------------------|-------|------|-----------|------|
| Frequency | MHz | 100 | | 512 |
| Gain | dB | 48 | 50 | |
| Gain flatness | +/-dB | | 2 | |
| Gain variation over temp | +/-dB | | 2 | |
| P1dB | W | | 50 | |
| Efficiency (@ Psat) | % | | 45 | |
| Psat | W | | 60 | |
| Input VSWR | | | 2: 1 | |
| Output VSWR | | | 3: 1 | |
| Voltage | V | | 28 | 32 |
| Current | A | | 2 | |
| Temperature | ° C | -40 | | 75 |
| Dimension | Inch | | 5.5x6.6x1 | |
| Weight | Kg | | 1 | |
| Interface | | | SMA | |



Unit: Inch