



Microwave Town Company, LLC

MTPA20260245461

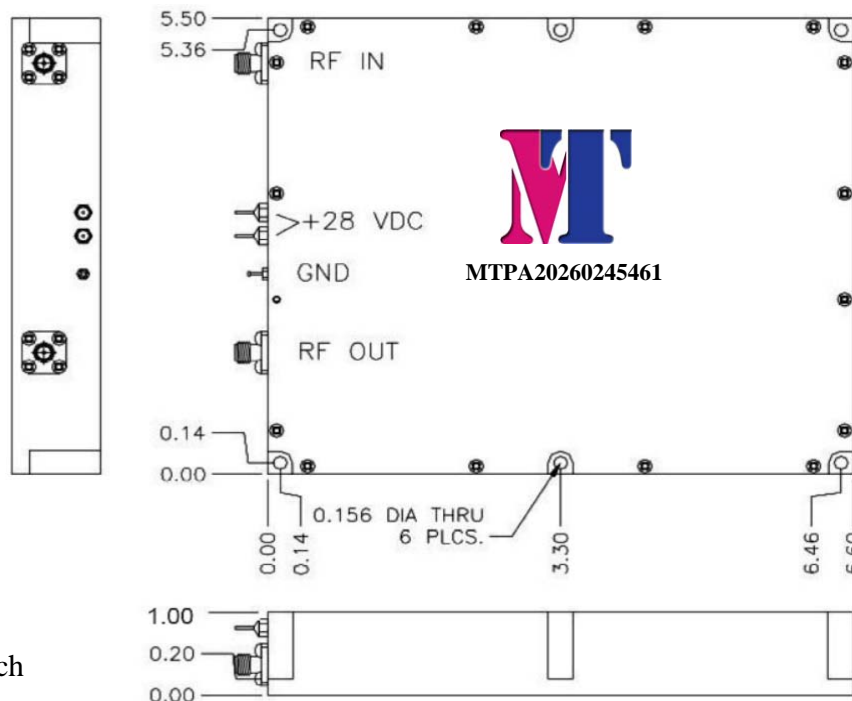
2000MHz-6000MHz 40 Watts Broadband Power Amplifier

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

Applications: Test & Measurement, SATCOM, EW

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

| Specification | Unit | Min. | Typical | Max. |
|--------------------------|-------|------|-----------|------|
| Frequency | MHz | 2000 | | 6000 |
| Gain | dB | 42 | 45 | |
| Gain flatness | +/-dB | | 3 | |
| Gain variation over temp | +/-dB | | 2 | |
| P1dB | W | | 10 | |
| Psat(2000-4000MHz) | W | | 40 | |
| Psat (4000-6000MHz) | W | | 35 | |
| Efficiency(@Psat) | % | | 30 | |
| Input VSWR | | | 2: 1 | |
| Output VSWR | | | 2: 1 | |
| Voltage | V | | 28 | 32 |
| Current | A | | 3 | |
| Temperature | °C | 0 | | 50 |
| Dimension | Inch | | 5.5x6.6x1 | |
| Weight | Kg | | 1 | |
| Interface | | | SMA | |



Unit: Inch