



Dynamic Engineers Inc.

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LPA7050CQ-2GHz-6GHz-A

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Features and Benefits

Frequency Range: 2-6GHz

Gain: +35dB Min.

Output Power (Psat): +33dBm Min.

Operation Temperature: -40°C--+75°C

Size: 70x50x20mm

Typical Applications

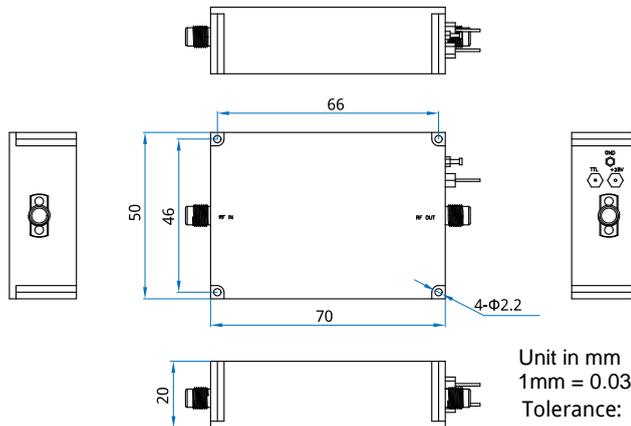
Wireless

Transmitter

Laboratory Test

Mechanical Drawing & Pin Connections

Drawing No: MD230012-1





Specifications

| Parameter | Condition | Min. | Typical | Max. | Units |
|--------------------------------|-----------|-----------------------|---------|------|-------|
| Frequency range | | 2 | | 6 | GHz |
| RF Output Power @ Psat | | +33 | | | dBm |
| Gain | | 35 | | | dB |
| Gain Flatness | | | | ±3 | dB |
| VSWR | | | | 2.5 | |
| Spurious | | | | -60 | dBc |
| Harmonic | | | | -30 | dBc |
| Voltage | | | +28 | | V |
| Current | | | | 2 | A |
| Operation Temperature Range | | -40 | | +75 | °C |
| Storage Temperature Range | | -40 | | +80 | °C |
| Dimension (Exclude Connectors) | | 70x50x20 mm | | | |
| RF Connectors | | SMA Female | | | |
| Mounting | | 4-Φ2.2mm through-hole | | | |