

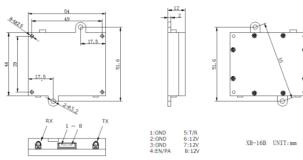
TFBA-900930M05LL



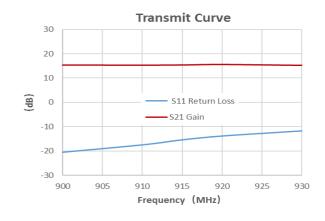
典型的应用领域

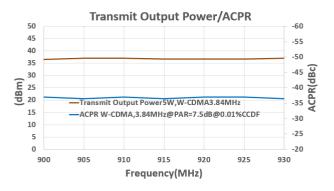
- L波段无线电台
- Mesh网络传输前端
- ■高功率前置驱动放大

外形尺寸



测试曲线 (Temp @+25℃)





■频率范围 900~930MHz ■接收增益 $15 \pm 1.0 dB$ ■发射增益 $15 \pm 1.0 dB$

≤-36dBc (Pout=5W(Avg),IDQ=530mA, Single-Carrier W-CDMA,3.84MHz, Channel ■ ACPR Bandwidth,Input Signal PAR=7.5dB@0.01% Probability on

技术指标@25℃

频率范围 900~930MHz 发射平均输出功率 $37.0 \pm 1.0 dBm$ 发射最大输出功率 43.0 \pm 1.0dBm 发射带内群时延 ≤90nS 发射增益 $15 \pm 1.0 dB$ 带内波动 ≤1.0dB 输入输出电压驻波比 ≤1.8 切换时间 ≤4uS

ACPR <-36dBc (@±3.84MHz帯宽)

供电要求 DC +12V 工作环境温度 -10~+55°C

结构尺寸 $54 \text{mm} \times 51.6 \text{mm} \times 12 \text{mm}$

接收0IP3 18 ± 1.0 dBm 接收噪声系数 1.5dB 输出抗烧毁 23dBm 输入最大值 20dBm

订单描述

-20

-30 -40

900

905

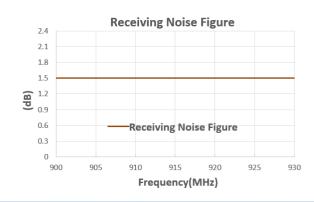
TFBA-900930M05LL 指标特性

Receiving Curve 40 30 20 10 S11 Return Loss (B) 0 S21 Gain -10

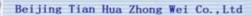
915 Frequency (MHz)

925

930







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