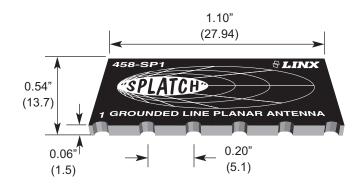


# **ANT-458-SP DATA SHEET**

#### Product Dimensions



### Description



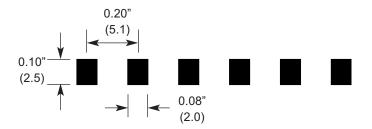
The Splatch uses a grounded-line technique to achieve outstanding performance from a tiny surface-mount element. This unique antenna is designed for hand- or reflow-

mounting directly to a product's circuit board. Its low cost makes it ideal for volume applications. Unlike many compact antennas, the Splatch exhibits good proximity performance, making it an appropriate choice for handheld applications such as remote controls, pagers, and alert devices.

#### **⊘** Features

- Very low cost
- Ultra-compact package
- Direct PCB attachment
- · Ideal for concealed / internal mounting
- Perfect for compact portable devices
- Suitable for hand- or reflow-assembly
- Resistant to proximity effects

#### Recommended Footprint



#### Electrical Specifications

Center Freq. 458MHzBandwidth 8MHzWavelength 1/4-wave

• VSWR ≤1.9 typ. at center

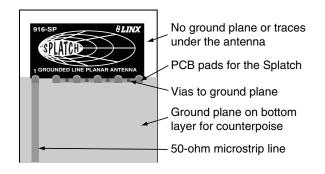
Impedance 50 ohmsConnection Surface-mount

Electrical specifications and plots measured on 1.50"x 3.30" reference ground plane

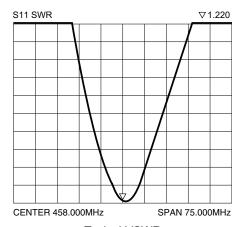
## Ordering Information

• ANT-458-SP (supplied in tubes of 20 pieces)

## Recommended Mounting



## **VSWR Graph**



Typical VSWR

