# RADITEK INC.

## Ceramic Band Pass Filter
code-k

## 3.35-3.65GHz, 3 Watts, Surface Mount

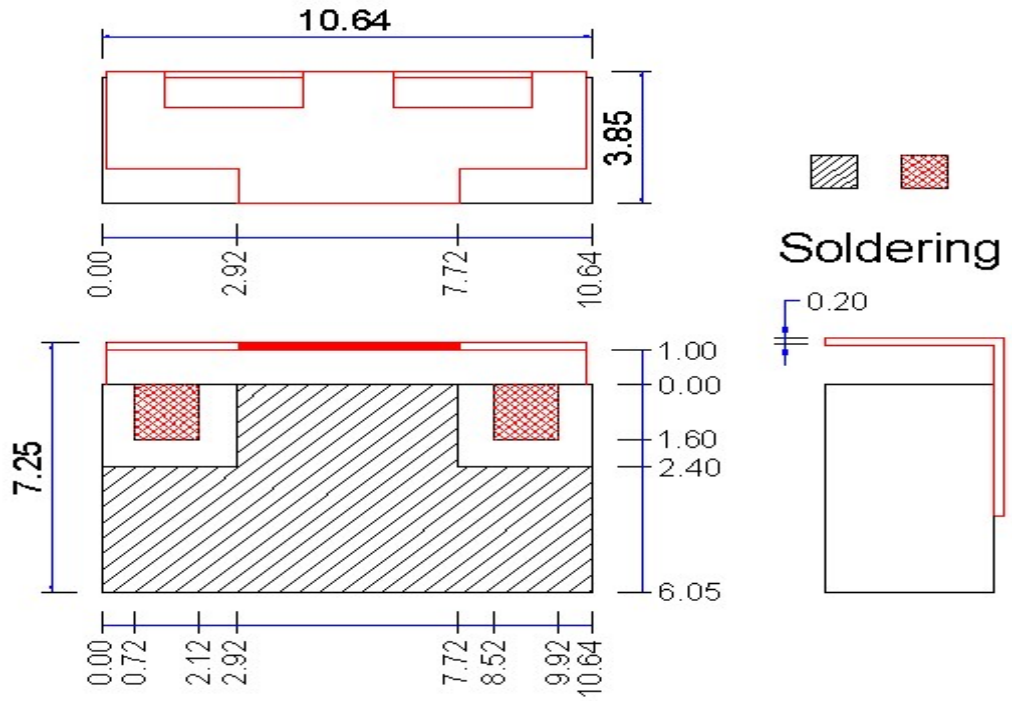
## RBPF-3.35-3.65-3W-S

**For Use With WI-MAX Applications**

### 1. Electrical characteristics

| SPECIFICATION | | Units |
|---|---|---|
| Frequency | 3.35-3.65 | GHz |
| Center frequency | 3500 | MHz |
| Bandwidth | Fo±150MHz | MHz |
| Insertion loss | 1.3 | dB max |
| Ripple | 0.8 | dB max |
| Return Loss | 15.0 | dB min |
| Attenuation | 35 dB @ Fc ± 3000 MHz<br>35 dB @ Fc ± 4000 MHz | |
| Variation | 5.0 ns max | |
| Input Power | 3 | Watt max |
| Impedance | 50 | Ohm |
| Operating Temp | -40 to +85 | °C |

### 2. Mechanical Specification



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