

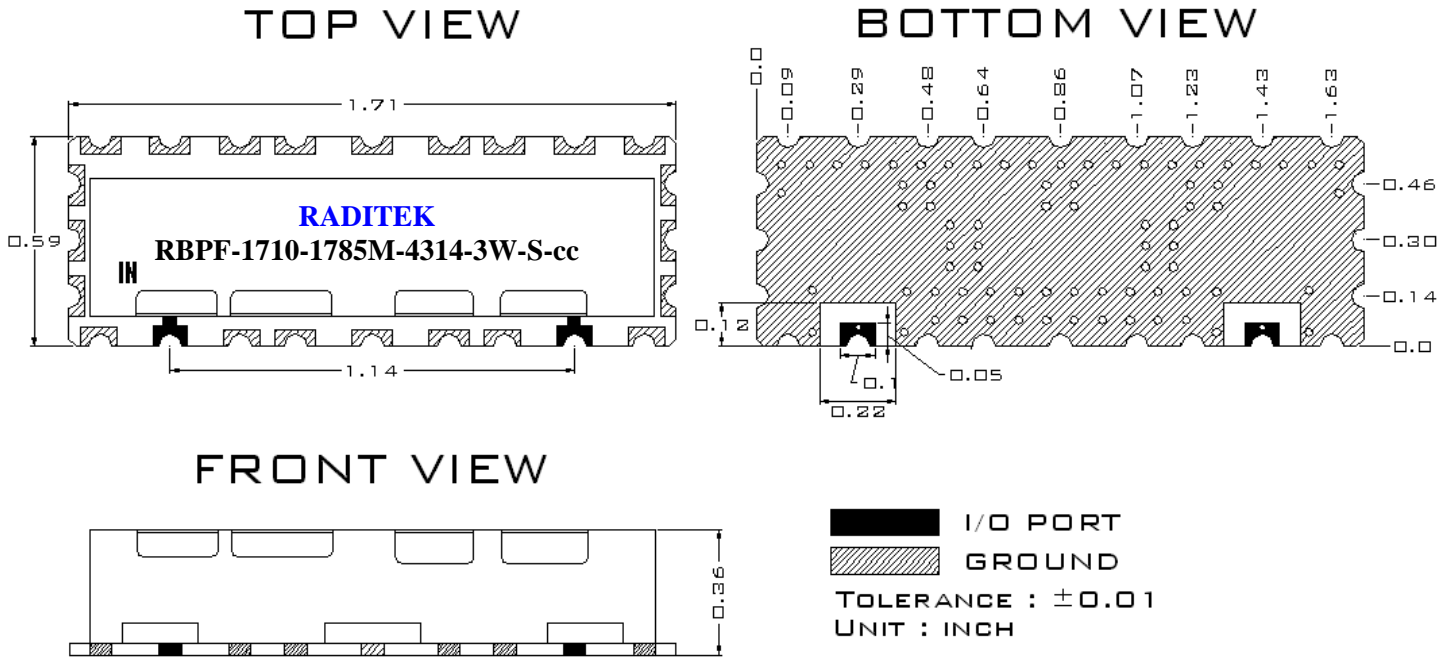
# RADITEK INC.

## Ceramic Band Pass Filter

1710 MHz to 1785 MHz, Model 4314, 3 Watts, Surface Mount

RBPF-1710-1785M-4314-3W-S-cc

code-j2



| ELECTRICAL SPECIFICATIONS |                              |                                     |      |
|---------------------------|------------------------------|-------------------------------------|------|
| ITEM                      |                              | SPEC                                | Unit |
| 1                         | Center Frequency [fo]        | 1747.5                              | MHz  |
| 2                         | Bandwidth [BW]               | fo ± 37.5 min. [ 1710 ~ 1785 ]      | MHz  |
| 3                         | Insertion Loss at fo         | 3.0 max.                            | dB   |
| 4                         | Ripple in BW                 | 1.5 max.                            | dB   |
| 5                         | Return Loss in BW            | 15.0 min.                           | dB   |
| 6                         | Input Power                  | 3W max.                             |      |
| 7                         | In/Out Impedance             | 50 Ω                                |      |
| 8                         | Attenuation [Absolute Value] | 40.0 dB min. @ fo + 57.5 [1805] MHz |      |
| 9                         | Operation Temperature Range  | -40°C to +85°C                      |      |

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### RECOMMENDED PC BOARD PATTERN

