

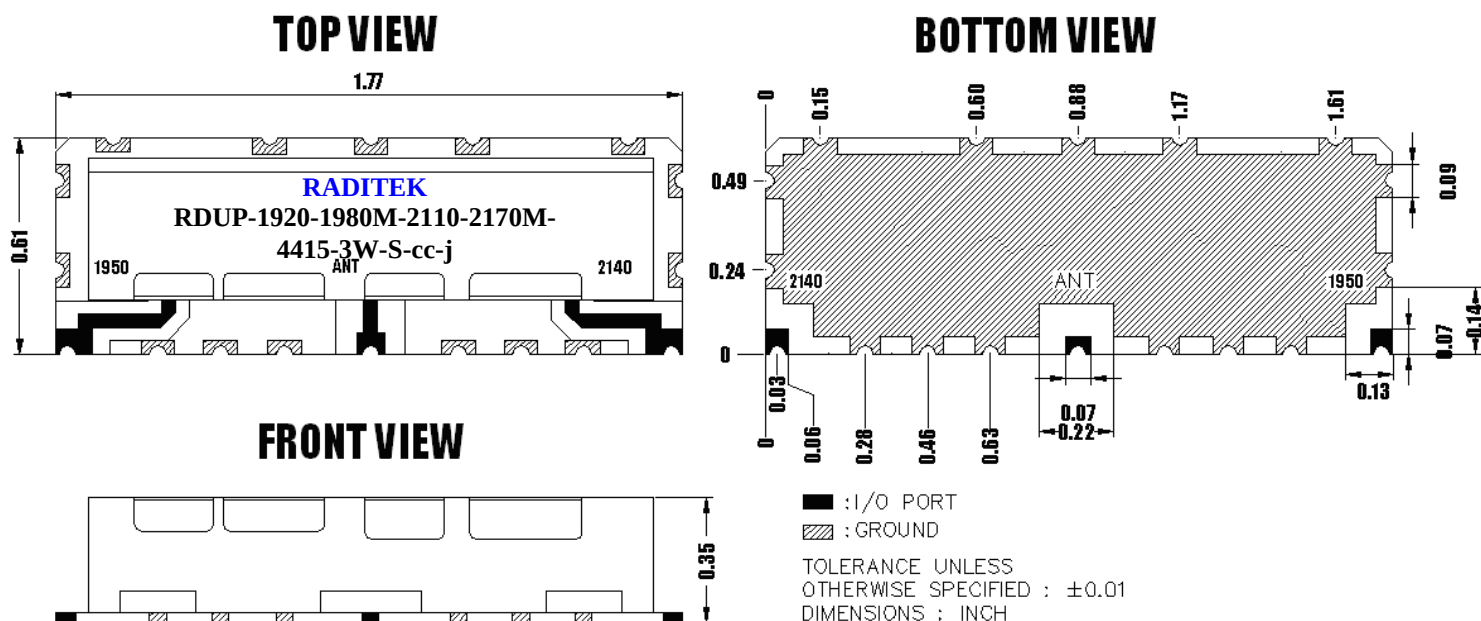
# RADITEK INC.

## Ceramic Duplexer

code-j

1920-1980MHz / 2110-2170MHz, Model 4415, 3 Watts, Surface Mount

RDUP-1920-1980M-2110-2170M-4415-3W-S-cc-j



**Order Examples:** RDUP-1920-1980M-2110-2170M-4415-3W-S-cc-j

Description: (Duplexer, 1920-1980MHz / 2110-2170MHz, Model 4415, 3 Watts, Surface Mount)

| SPECIFICATIONS               | TX<br>1920-1980 MHz                | RX<br>2110-2170 MHz                |
|------------------------------|------------------------------------|------------------------------------|
| Center Frequency [fo]        | 1950.0 MHz                         | 2140.0 MHz                         |
| Bandwidth [BW]               | $f_o \pm 30.0$ min. [1920 ~ 1980 ] | $f_o \pm 30.0$ min. [2110 ~ 2170 ] |
| Insertion Loss at fo         | 3.0 dB max.                        | 3.0 dB max.                        |
| Ripple in BW                 | 1.5 dB max.                        | 1.5 dB max.                        |
| Return Loss in BW            | 15.0 dB min.                       | 15.0 dB min.                       |
| Input Power                  | 3.0 W max.                         |                                    |
| In/Out Impedance             | 50 $\Omega$                        |                                    |
| Attenuation [Absolute Value] | 60 dB min. @ 2110 ~ 2170 MHz       | 60 dB min. @ 1920 ~ 1980 MHz       |
| Operation Temperature Range  | -40 to +85°C                       |                                    |

RDUP-1920-1980M-2110-2170M-4415-3W-S-cc-j Specifications may be subject to change

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### RECOMMENDED PC BOARD PATTERN

