

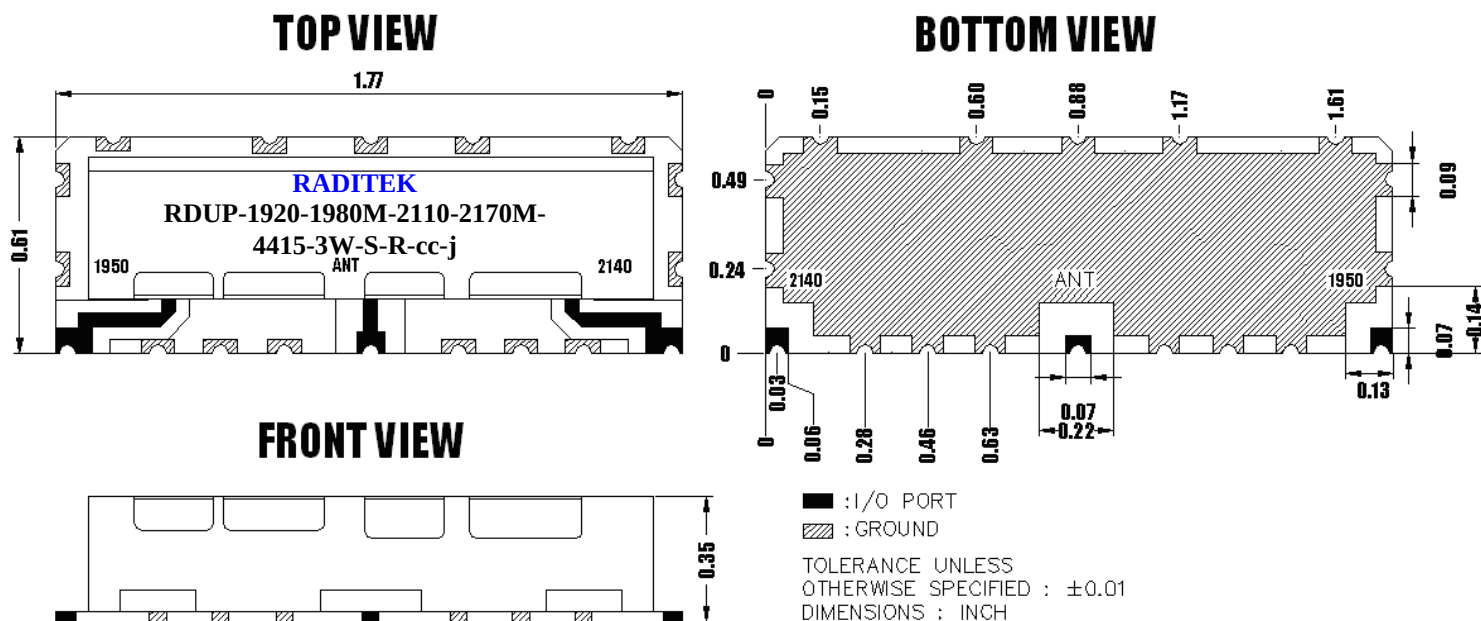
RADITEK INC.

Ceramic Duplexer

code-j

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

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



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

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

SPECIFICATIONS	TX 1920-1980 MHz	RX 2110-2170 MHz
Center Frequency [fo]	1950.0 MHz	2140.0 MHz
Bandwidth [BW]	$fo \pm 30.0$ min. [1920 ~ 1980]	$fo \pm 30.0$ 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 Ω	
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-R-cc-j Specifications may be subject to change

06/17/08

WORLD HQ: 1702L Meridian Ave. Suite 127, San Jose, Ca 95125, U.S.A.

Telephone: (408) 266-7404 FAX: (408) 266-4483

WEB: www.raditek.com, E-mail: sales@raditek.com

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RECOMMENDED PC BOARD PATTERN

