

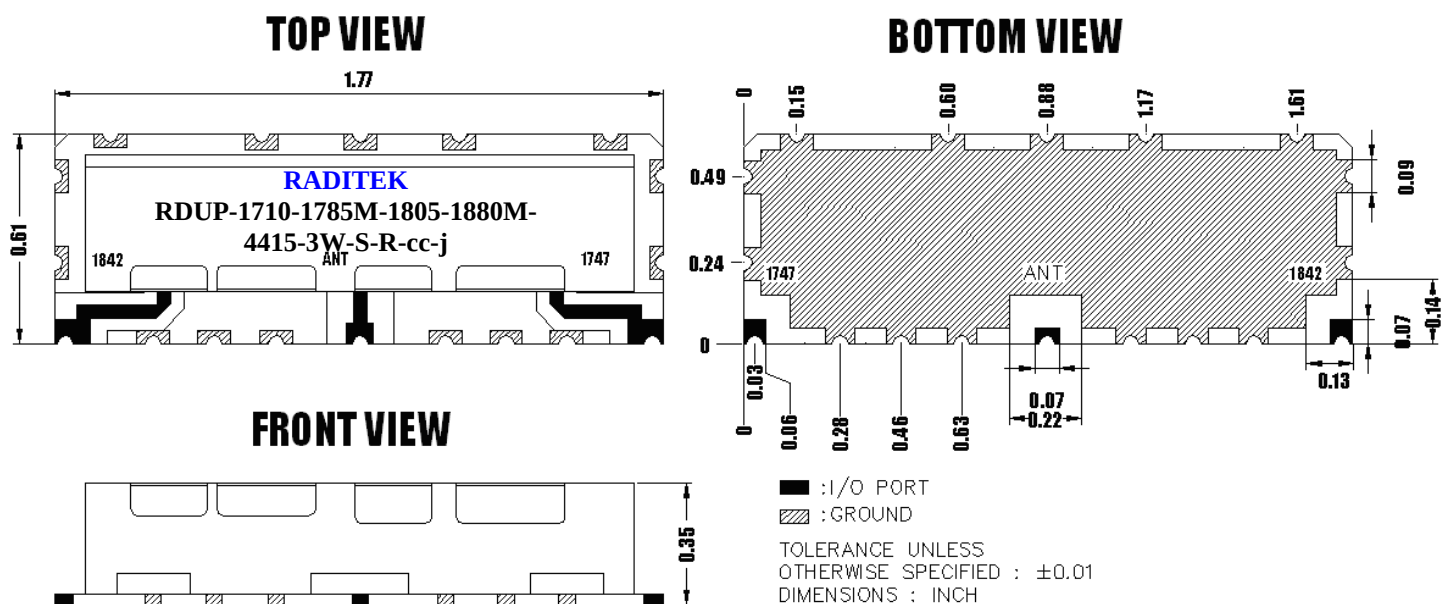
RADITEK INC.

Ceramic Duplexer

code-j

1710-1785MHz / 1805-1880MHz, Model 4415, 3 Watts, Surface Mount,
Reverse Direction

RDUP-1710-1785M-1805-1880M-4415-3W-S-R-cc-j



Order Examples: RDUP-1710-1785M-1805-1880M-4415-3W-S-R-cc-j
Description: (Duplexer, 1710-1785MHz / 1805-1880MHz, Model 4415, 3 Watts, Surface Mount, Reverse Direction)

SPECIFICATIONS	TX 1710-1785 MHz	RX 1805-1880 MHz
Center Frequency [fo]	1747.5 MHz	1842.5 MHz
Bandwidth [BW]	$f_o \pm 37.5$ min. [1710 ~ 1785]	$f_o \pm 37.5$ min. [1805 ~ 1880]
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]	30 dB min. @ 1805 ~ 1880 MHz	30 dB min. @ 1710 ~ 1785 MHz
Operation Temperature Range	-40 to +85°C	

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RECOMMENDED PC BOARD PATTERN

