

RF TRANSFORMER

Low Profile Transformer for Wideband RF Applications



-  Miniature surface mount package
-  Excellent insertion loss
-  Various Frequencies and Ratios

Electrical Specifications @ 25°C — Operating Temperature -40°C to +85°C

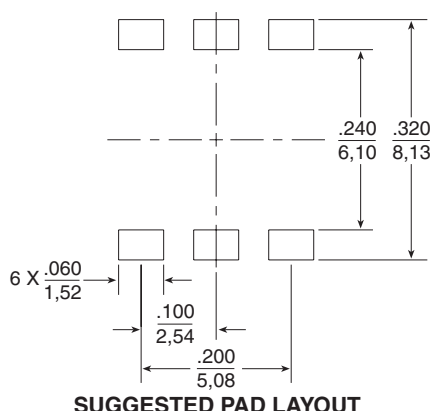
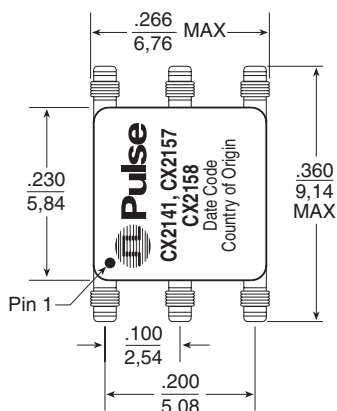
Part Number	Impedance Ratio (Pri:Sec)	Turns Ratio (Pri:Sec)	Insertion Loss ¹ (dB TYP)			Return Loss (dB TYP)						
			3 dB	2 dB	1 dB	0.3 MHz	50 MHz	100 MHz	150 MHz	200 MHz	300 MHz	—
CX2141	4CT:1CT	2CT:1CT	.3-300	.4-200	.5-90	-4	-15	-16	-13	-10	-6	—
CX2157	1:1CT	1:1CT	.4-800	.5-700	1-600	400 KHz	1 MHz	10 MHz	50 MHz	200 MHz	400 MHz	800 MHz
						-13	-18	-28	-26	-16	-10	-7
CX2158	1:4CT	1:2CT	2-775	3-600	6-250	2 KHz	6 MHz	58 MHz	106 MHz	250 MHz	775 MHz	—
						-16	-22	-21	-20	-16	-6	—

NOTE 1: Referenced to Mid-band Frequency - Input Impedance: 75Ω

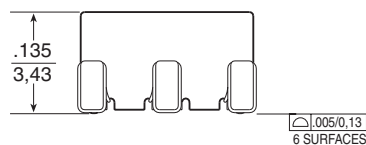
Mechanical

Schematics

CX2141/CX2157/CX2158

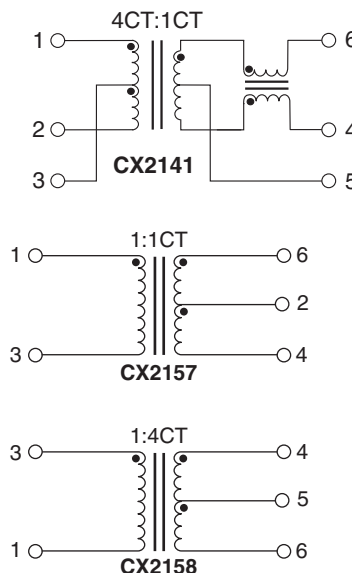


SUGGESTED PAD LAYOUT



Dimensions: Inches
mm

Unless otherwise specified, all tolerances are $\pm .005$
 $0,13$



Weight 0.17 grams
Tape & Reel1500 /reel
Tube60 /tube

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