




RF TRANSFORMER

Low Profile Wideband RF Transformers



-  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 ³	4CT:1CT	2CT:1CT	.3-300	.4-200	.5-90	-4	-15	-16	-13	-10	-6	-
CX2157 ³	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 ³	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. 2. For optional Tape & Reel packaging, add a "T" suffix to the part number (ex: CX2141T).
3. For RoHS Compliant Parts, Add NL Suffix ie: CX2141NL

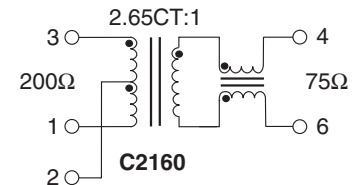
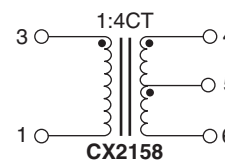
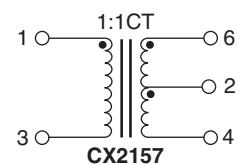
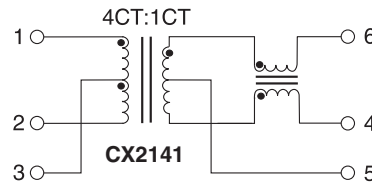
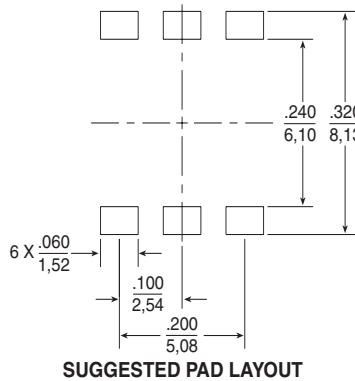
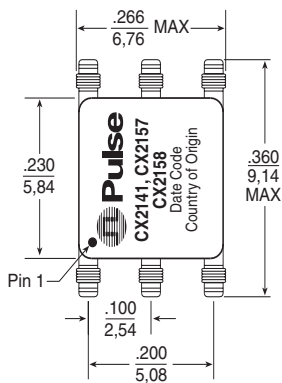
Electrical Specifications @ 25°C

Part Number	Impedance Ratio (Pri:Sec)	Return Loss (dB MAX)	Insertion Loss (dB MAX)					Hipot (Vrms)	CMRR (dB MIN)				DCR (Ω MAX)	
			5-65MHz	100kHz	300kHz	400kHz-70MHz	100MHz		130MHz	300kHz-1MHz	10MHz	60MHz	80MHz-300MHz	Pins 1-3
C2160 ³	2.65:1	-16	-3	-2	-1	-2	-3	500	-50	-40	-30	-20	.35	.65

Mechanical

Schematics

CX2141/CX2157/CX2158/C2160



Weight 0.17 grams

Tape & Reel 1500 /reel

Tube 60 /tube

Dimensions: Inches
mm

Unless otherwise specified, all tolerances are ± .005
0,13

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