



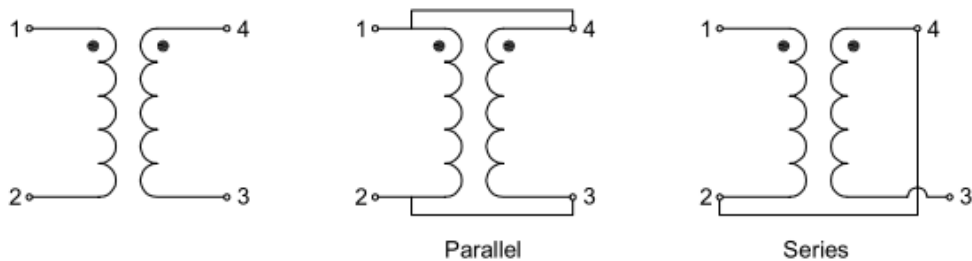
ENGLISH

Datasheet
Stock No:
RS Pro



Product Description: Surface Mount Toroidal Inductors

Schematic:



Electrical Specifications @25°C

RS Stock Code	Parallel Connected			Series Connected			Energy Storage (µJ)*	Turns ratio
	Full Load Current (Adc)	No load Inductance (Lo) in µH ±15%	DCR in mΩ	Full Load Current (Adc)	No load Inductance (Lo) in µH ±15%	DCR in mΩ		
1048409	3.00	10	26	1.50	40	104	32.8	1:1
1048410	0.88	150	307	0.44	600	1228	42.8	1:1
1048411	3.00	22	38	1.50	88	152	71.6	1:1
1048412	1.40	100	128	0.70	400	512	71.6	1:1
1048413	0.94	220	298	0.47	880	1192	71.5	1:1

- 1) Test Frequency: Inductance measured @10KHz/10mV
- 2) Test Voltage between windings: 500 Vrms
- 3) Operating Temperature Range -40°C to +125°C

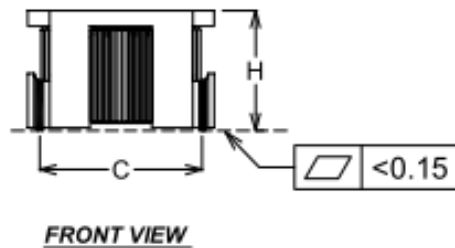
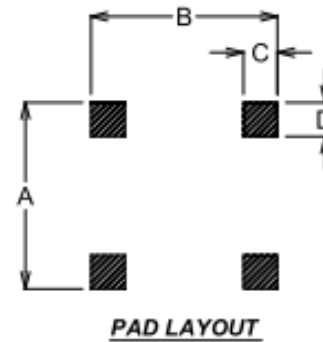
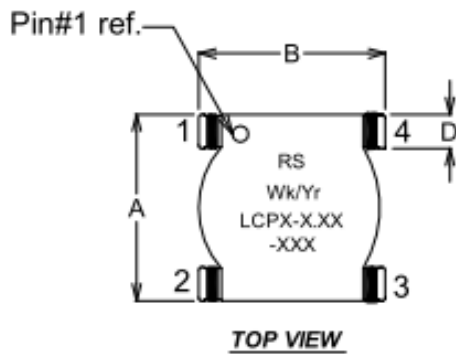
* The µJoule rating (0.5 x LI²) is the ability of the Inductor to store energy



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Mechanical Specification :

RS Stock Code	Product Dimensions in mm					Pad Dimensions in mm			
	A	B	C	D	H	A	B	C	D
1048409	11.0	11.0	9.4	2.0	6.8	12.0	11.0	3.0	3.0
1048410	12.0	12.0	10.2	2.2	7.0	13.0	12.0	3.5	3.5
1048411	12.0	12.0	10.2	2.2	9.1	13.0	12.0	3.5	3.5
1048412	12.0	12.0	10.2	2.2	9.1	13.0	12.0	3.5	3.5
1048413	12.0	12.0	10.2	2.2	9.1	13.0	12.0	3.5	3.5



Unit : mm	Dimension tolerance : $\pm 0.25\text{mm}$ (Unless specified)	Pin pitch tolerance : $\pm 0.20\text{mm}$
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