LinkCom Manufacturing Co.,Ltd

LCS EE5 Series

Current Sense Transformers

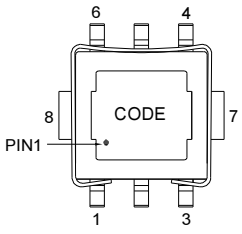
- RoHS Compliant
- Operating Temperature -40°C to +125°C
- 500Vrms isolation between windings
- Frequency up to 1MHz
- 10A typical rated current on primary (up to 20A)

Electrical Specifications @25℃

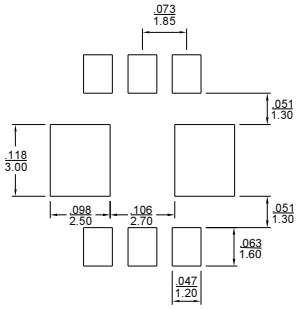
Part Number	Code	Turns Ratio Pri. : Sec.	Secondary Inductance Min.(μH)	DCR		Volt-time product on Sec. Max.(V-μsec)	Terminating Resistance (1VSec./20APri.) (Ω)
				Pri. Ref.(mΩ).	Sec. Max.(Ω)		
LCS0007-50	020	1:20	81	7	0.40	10.8	1.00
LCS0008-50	030	1:30	180	7	0.87	16.2	1.50
LCS0009-50	040	1:40	320	7	1.14	21.6	2.00
LCS0010-50	050	1:50	500	7	1.50	27.0	2.50
LCS0011-50	060	1:60	730	7	1.98	32.4	3.00
LCS0012-50	070	1:70	980	7	4.75	37.8	3.50
LCS0013-50	100	1:100	2000	7	5.50	54.0	5.00
LCS0015-50	125	1:125	3000	7	7.00	67.5	6.25

Dimensions

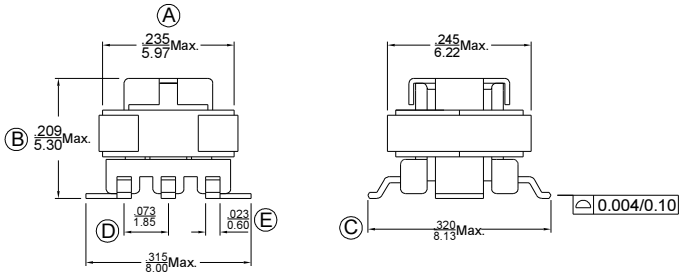
(Units: Inches / mm , Unless otherwise specified, all tolerances are ±.010/0.25)



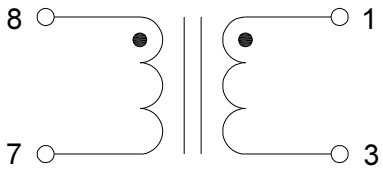
TOP VIEW



SUGGESTED PAD LAYOUT



Schematic



Mark

Code----Number of turns on secondary