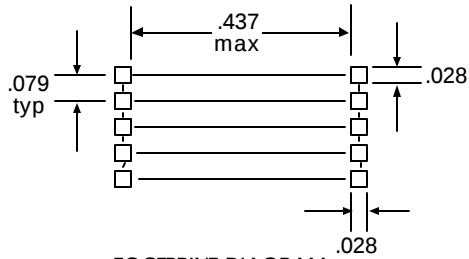
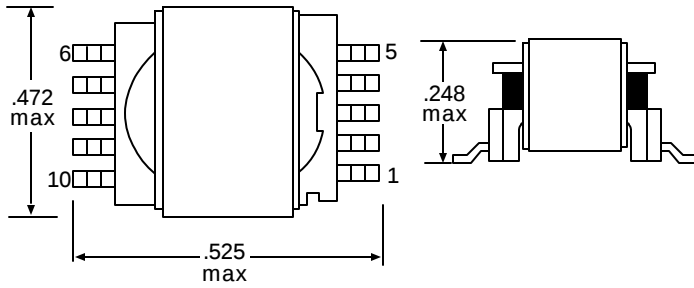
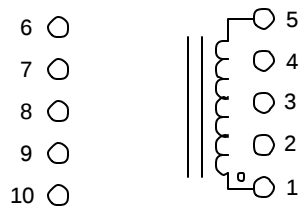


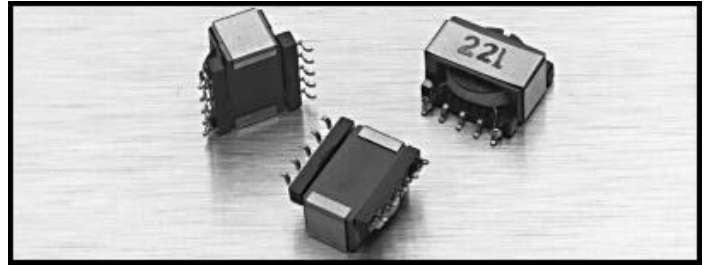
Surface Mount Inductor **LSM5247**



FOOTPRINT DIAGRAM



SCHEMATIC



FEATURES

- UL class B materials
- Wide inductance range
- Solderability per industry standards
- Low DC resistance

CHARACTERISTICS

INDUCTANCE RANGE From .15mh to 68mh.

TEMPERATURE RANGE From -20°C to +130°C.

Notes:

- (1) *DC current that will create a maximum temp. rise of 30°C when applied at + 25°C ambient.
- (2) **DC current that will typically reduce the initial inductance by 20%.
- (3) Packaging: Bulk or Tape and Reel.

PART NUMBER	INDUCTANCE mH $\pm$ 30%	DC RESISTANCE OHMS MAXIMUM (W)	RATED DC CURRENT MAXIMUM (mA)*	SATURATED CURRENT (A)**
LSM5247-150	.15	0.200	0.790	0.075
LSM5247-221	.22	0.240	0.720	0.062
LSM5247-331	.33	0.290	0.650	0.050
LSM5247-471	.47	0.350	0.590	0.042
LSM5247-681	.68	0.420	0.540	0.035
LSM5247-102	1.0	0.510	0.490	0.029
LSM5247-152	1.5	0.630	0.440	0.024
LSM5347-222	2.2	0.760	0.400	0.020
LSM5247-332	3.3	1.000	0.350	0.018
LSM5247-472	4.7	2.240	0.240	0.013
LSM5247-682	6.8	2.700	0.210	0.011
LSM5247-103	10	3.270	0.190	0.009
LSM5247-153	15	6.260	0.140	0.008
LSM5247-223	22	7.580	0.130	0.006
LSM5247-333	33	9.500	0.110	0.005
LSM5247-473	47	18.500	0.080	0.004
LSM5247-683	68	24.100	0.070	0.003