

Inductors

Surface Mount
High Current Power Inductors

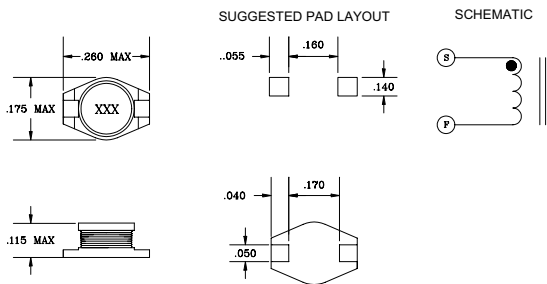
8402-XXX



- Extended temperature range
- High energy storage
- Low resistance



MECHANICAL AND SCHEMATIC (All dimensions in inches)



ELECTRICAL SPECIFICATIONS @ 25°C

Part Number	Inductance ($\mu\text{H} \pm 20\%$)	DCR (Ω MAX)	I_{sat} (Amps)	I_{rms} (Amps)
8402-010	1.0	0.05	2.9	2.9
8402-015	1.5	0.05	2.6	2.8
8402-022	2.2	0.07	2.3	2.4
8402-033	3.3	0.08	2.0	2.0
8402-047	4.7	0.09	1.5	1.5
8402-068	6.8	0.13	1.2	1.4
8402-100	10.0	0.16	1.1	1.1
8402-150	15.0	0.23	0.90	1.2
8402-220	22.0	0.37	0.70	0.80
8402-330	33.0	0.51	0.58	0.60
8402-470	47.0	0.64	0.50	0.50
8402-680	68.0	0.86	0.40	0.40
8402-101	100.0	1.27	0.31	0.30
8402-151	150.0	2.00	0.27	0.25
8402-221	220.0	3.11	0.22	0.20
8402-331	330.0	3.80	0.18	0.16
8402-471	470.0	5.06	0.16	0.15
8402-681	680.0	9.20	0.14	0.12
8402-102	1000.0	13.8	0.10	0.07

- NOTES:
1. Resistance to Solder Heat: 260°C for 10 seconds
 2. Inductance drop = 10% typ. At Isat
 3. $\Delta T = 15^\circ\text{C}$ typ. At Irms