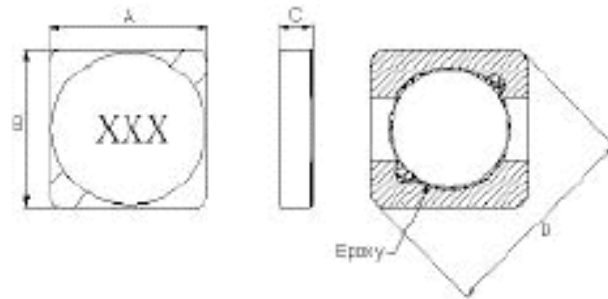


LC37S SMD Shielded Inductor Series



A= 3.90 +/- 0.2 B= 3.90 +/- 0.2 C= 1.20 Max D= 6.20 Max

| Part Number | Inductance (uhy) | Test Freq. | DCR Ohms +/- 30% | Rated Current DC amps max. |
|-------------|------------------|------------|------------------|----------------------------|
| LC37S-1R0T | 1.0 | 10Khz | 0.0401 | 1.54 |
| LC37S-1R5T | 1.5 | 10Khz | 0.0635 | 1.32 |
| LC37S-2R2T | 2.2 | 10Khz | 0.0835 | 1.12 |
| LC37S-3R3T | 3.3 | 10Khz | 0.122 | 0.90 |
| LC37S-4R7T | 4.7 | 10Khz | 0.172 | 0.72 |
| LC37S-5R6T | 5.6 | 10Khz | 0.191 | 0.66 |
| LC37S-6R8T | 6.8 | 10Khz | 0.218 | 0.60 |
| LC37S-8R2T | 8.2 | 10Khz | 0.255 | 0.57 |
| LC37S-100T | 10 | 10Khz | 0.408 | 0.49 |
| LC37S-120T | 12 | 10Khz | 0.462 | 0.47 |
| LC37S-150T | 15 | 10Khz | 0.502 | 0.41 |
| LC37S-180T | 18 | 10Khz | 0.573 | 0.37 |
| LC37S-220T | 22 | 10Khz | 0.801 | 0.34 |
| LC37S-270T | 27 | 10Khz | 1.207 | 0.30 |
| LC37S-330T | 33 | 10Khz | 1.358 | 0.28 |
| LC37S-390T | 39 | 10Khz | 1.911 | 0.23 |

Notes.

1. Current rating based on 65% decrease from initial inductance at 0ADC.
2. Operating temp range: -30 Deg. C to +100 Deg. C.
3. Temp rise to be 40 Deg C max. at rated current.
4. Tolerance – "T" = +/- 30% over complete range.