



Triad Magnetics

460 Harley Knox Blvd

Perris CA 92571

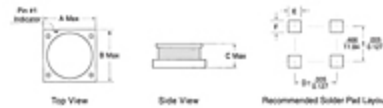
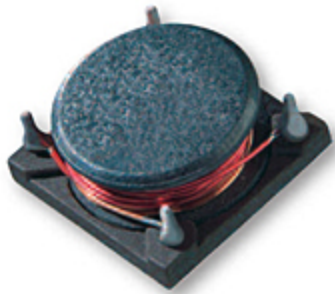
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Item # AX97-40471, AX97 Series SMD Power Shielded Inductors

Slim type
Low resistance
Excellent DC current characteristics



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Specifications

Inductance ($\mu\text{H} \pm 20\%$)¹	470.0 μH
Max. DC Resistance at 25²	0.7000 Ohm
Current Rating³	0.93 A
Dimension (A)	0.634 in 16.10 mm

Dimension (B)	0.622 in 15.80 mm
Dimension (C)	0.284 in 7.21 mm
Dimension (D)	0.520 in 13.21 mm
Dimension (E)	0.157 in 4.00 mm
Dimension (F)	0.157 in 4.00 mm

Applications

Laptop and Notebook Computers and PDAs
DC/DC Converters
Portable Communication Equipment
Inductor for General Purpose Use

¹ Inductance measured at 100.0 KHz, 0.1 Vrms, without DC current.

² For AX97-40 Series, resistance measured with both windings conducted in parallel.

³ Rated DC current is the approximate current at which inductance will be decreased by 10 % from its initial (zero DC) value or the DC current at which $\Theta_T=40^\circ$, whichever is lower.