## Surface Mount Multiple Winding Inductor/Transformer

Well Suited for Switch Mode Power Supplies and Regulator Applications.

Wire UL rated Class B (130°C) or better

Turns Ratio 1:1:1:1

Electrical Specifications at 25°C

<sup>1</sup> Part Number	L <sup>(2)</sup> (μΗ) Τγρ.	I <sup>(3)</sup> max. Amps	I <sup>(4)</sup> Sat Amps	DCR Max. (mΩ)
L-31302	22	1.68	1.86	50

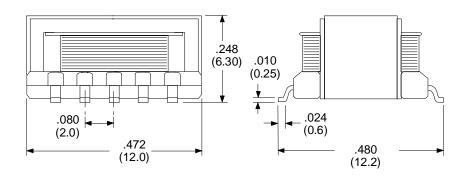
- 1) Specifications are for all windings connected in parallel.
- $2) \pm 20\%$
- 3) Maximum rated current.
- 4) Saturation current. The current which will reduce inductance by 20%.

Operating Temperature Range:  $-40^{\circ}$ C to  $+85^{\circ}$ C

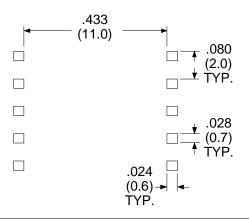
Isolation: 500  $V_{RMS}$  between any windings

Parts shipped in anti-static trays. Tape and reel available.

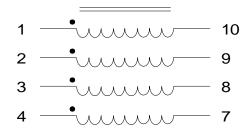
## Physical Dimensions inches (mm)



## Pad Layout



## Schematic Diagram



RHOMBUS P/N: L-31302

CUST P/N: NAME:

DATE: 01/08/02 SHEET: 1 OF 1



15801 Chemical Lane, Huntington Beach, CA 92649-1595 Phone: (714) 898-0960 • FAX: (714) 896-0971