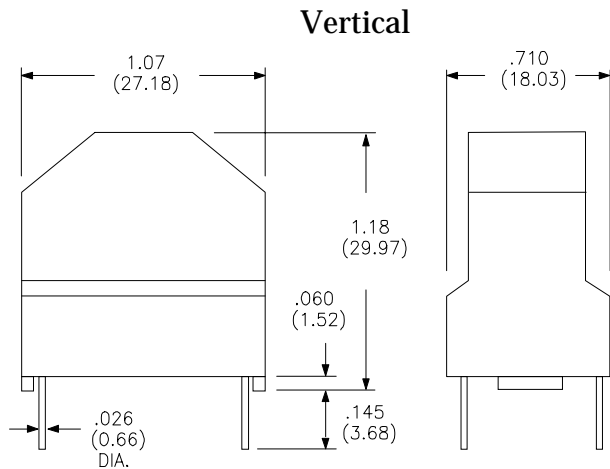


Vertical & Horizontal Mount Inductors

Electrical Specifications at 25°C

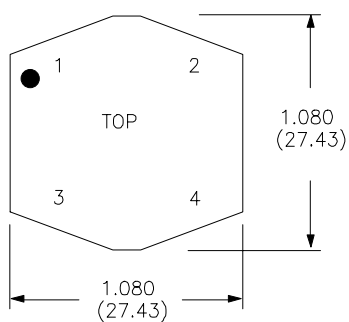
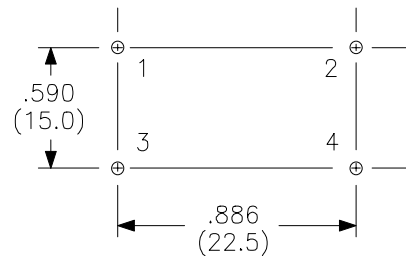
Vert. Part Number	Horiz. Part Number	L ⁽¹⁾ Typ. (μH)	IDC ⁽²⁾ 20% Amps	IDC ⁽³⁾ 50% Amps	I ⁽⁴⁾ max. Amps	Energy min. ⁽⁵⁾ (μJ)	DCR nom. (mΩ)
L-268	L-269	100	1.56	3.72	2.81	136	170
L-291	L-270	250	1.21	2.88	1.97	136	351

- 1) Typical Inductance with no DC. Tolerance of ±10%.
- 2) Current which will produce a 20% reduction in L
- 3) Current which will produce a 50% reduction in L
- 4) Maximum DC current. This value is for a 40°C temperature rise due to copper loss, with AC flux density kept to 10 Gauss or less. (This typically represents a current ripple of less than 1%)
- 5) Energy storage capability of component in micro Joules. Value is for 20% reduction in permeability.



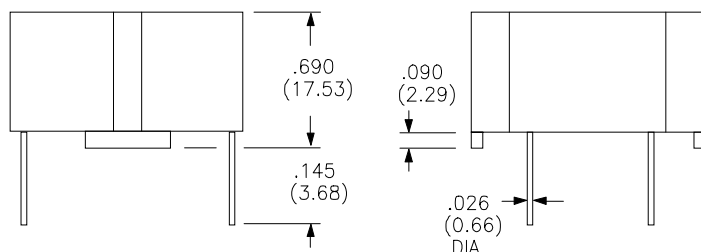
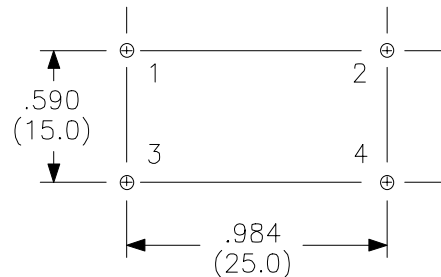
Physical Dimensions
inches (mm)

Footprint - Vertical



Horizontal

Footprint - Horizontal



Specifications are subject to change without notice

L-268 - 5/96