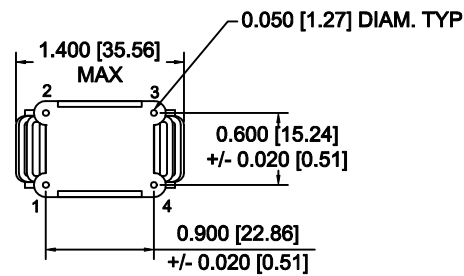
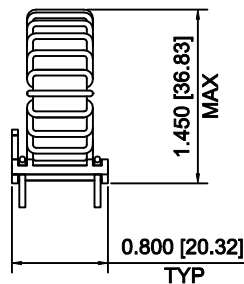
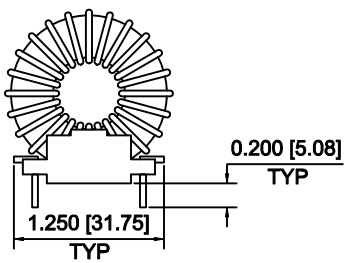


Vertical Mount Toroidal Inductors

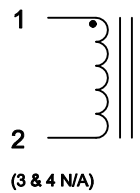
418 SERIES VERTICAL MOUNT TOROIDAL INDUCTORS

- Open Frame construction in Vertical mount with through-hole mounting.
- Powdered Iron Core
- High Inductance to space ratio.

- Low heat and noise (EMI/RFI) emission.
- Built to meet UL Class B (130C) requirements.



SCHEMATIC



| MODEL NUMBER | REFERENCE OPERATING VALUES | | | DESIGN CONTROL VALUES | |
|-----------------|----------------------------|------------------|----------------------------------|--------------------------------|-------------------|
| | INDUCANCE VALUE (μH) | MINIMUM ET (Vμs) | RATED CURRENT (A _{dc}) | INDUCTANCE NO DC +/- 20% (μH)* | MAXIMUM DCR (Ohm) |
| 418-0933 | 1500 | 200 | 0.62 | 1150 | 1.00 |
| 418-0945 | 2200 | 200 | 0.42 | 1730 | 1.80 |

Note: Originally designed for use with National Semiconductor's Simple Switchers Step-Down Voltage Regulator Series: LM1575-XX/LM2575-XX and LM1577-XX/LM2577-XX.

- Measured criteria: 10mV / 15 KHz.