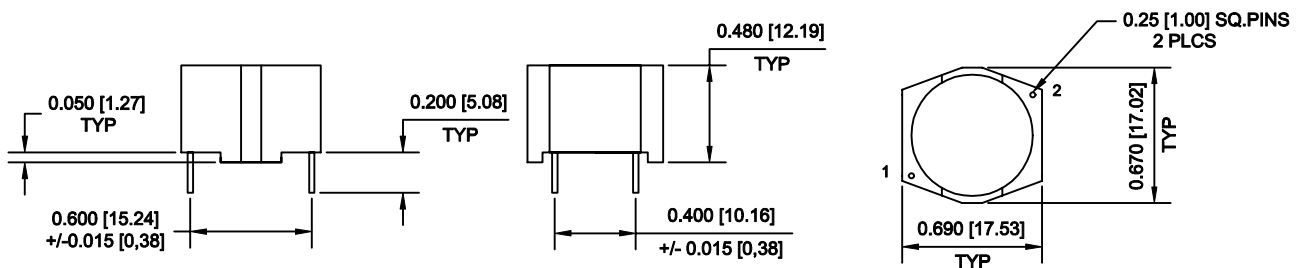


## 418 SERIES HORIZONTAL MOUNT TOROIDAL INDUCTORS

- Encapsulated construction in horizontal 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 (130°C) requirements.



MODEL NUMBER	REFERENCE OPERATING VALUES			DESIGN CONTROL VALUES	
	INDUCANCE VALUE ( $\mu\text{H}$ )	MINIMUM ET ( $\text{V}\mu\text{s}$ )	RATED CURRENT ( $\text{A}_{\text{dc}}$ )	INDUCTANCE NO DC +/- 20% ( $\mu\text{H}$ )*	MAXIMUM DCR (Ohm)
418-0922-01	220	90	1.40	230	0.380
418-0926-01	330	90	0.90	302	0.750
418-0928	680	90	0.42	562	1.250

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.