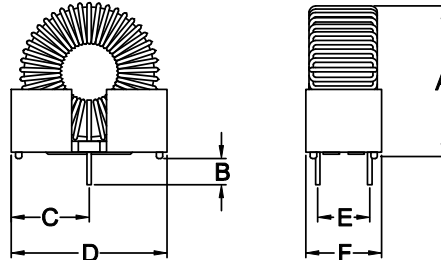


Toroidal and Pot-Core Inductors

418 SERIES KLIP-MOUNT TOROIDAL INDUCTORS

- Open Frame construction in Klip-Mount for through-hole mounting.
- Iron Powder Core.
- High Inductance to space ratio.
- Low heat and noise (EMI/RFI) emission.
- Built to meet UL Class B (130°C).



MODEL NUMBER	REFERENCE OPERATING VALUES			DESIGN CONTROL VALUES		
	INDUCANCE VALUE (μH)	MINIMUM ET (Vμs)	RATED CURRENT (Adc)	LEAD DIAMETER (In.)	INDUCTANCE NO DC +/- 20% (μH)*	MAXIMUM DCR (Ohm)
418-0634	470	200	2.00	0.025	370	0.17
418-0635	330	200	3.00	0.025	292	0.15
418-0636	220	200	3.00	0.032	167	0.07
418-0922	220	90	1.40	0.020	176	0.14
418-0926	330	90	0.90	0.020	267	0.18
418-0927	470	90	0.64	0.025	426	0.16
418-0930	100	90	3.00	0.032	90	0.04
418-0931	68	90	3.00	0.040	55	0.03
418-0932	47	90	3.00	0.025	38	0.05
418-0934	1000	200	0.95	0.025	760	0.25
418-0935	680	200	1.30	0.025	560	0.20
418-0936	150	200	3.00	0.025	136	0.10
418-0953	130	90	2.00	0.025	130	0.10

DIMENSIONS						
MODEL NUMBER	A Typ.	B Typ.	C Typ.	D +/- 0.010"	E Typ.	F +/-0.010"
418-0634	1.250	0.125	0.625	1.250	0.500	0.700
418-0635	1.250	0.125	0.625	1.250	0.500	0.700
418-0636	1.250	0.125	0.625	1.250	0.500	0.700
418-0922	0.850	0.125	0.415	0.830	0.300	0.450
418-0926	0.850	0.125	0.415	0.830	0.300	0.450
418-0927	0.950	0.125	0.475	0.950	0.450	0.600
418-0930	0.950	0.125	0.475	0.950	0.450	0.600
418-0931	0.950	0.125	0.475	0.950	0.450	0.600
418-0932	0.650	0.125	0.325	0.650	0.300	0.450
418-0934	1.250	0.125	0.625	1.250	0.500	0.700
418-0935	1.250	0.125	0.625	1.250	0.500	0.700
418-0936	0.950	0.125	0.475	0.950	0.450	0.600
418-0953	0.950	0.125	0.475	0.950	0.450	0.600

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

- Measured criteria: 10mV / 15 KHz.