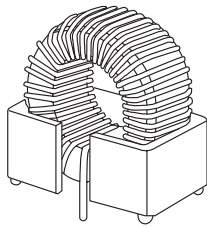




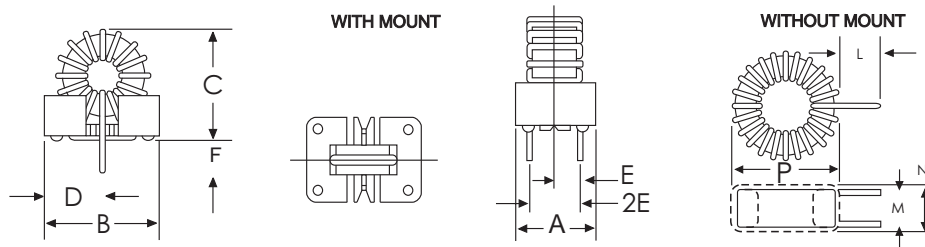
Toroids

T110 Series



GENERAL CHARACTERISTICS

- Characterized for general purpose uses and Ripple Filters
- Single layer designs
- Can be used as Differential Mode Inductors in EMI Filters
- Mounting package available upon request



WITHOUT MOUNT DIMENSIONS (INCHES/MM)

SIZE CODE	A	B	C	D	E	F	G	H
P MAX	$\frac{.50}{12, 70}$	$\frac{.64}{16, 25}$	$\frac{.79}{20, 06}$	$\frac{1.00}{25, 40}$	$\frac{1.23}{31, 24}$	$\frac{1.50}{38, 10}$	$\frac{.78}{19, 81}$	$\frac{.61}{15, 49}$
N MAX	$\frac{.22}{5, 58}$	$\frac{.32}{8, 12}$	$\frac{.32}{8, 12}$	$\frac{.49}{12, 44}$	$\frac{.56}{14, 22}$	$\frac{.62}{15, 74}$	$\frac{.29}{7, 36}$	$\frac{.26}{6, 60}$
L=±.125-.025	$\frac{0.375}{9, 53}$	$\frac{0.375}{9, 53}$	$\frac{0.375}{9, 53}$	$\frac{0.375}{9, 53}$	$\frac{.0875}{22, 23}$	$\frac{.0875}{22, 23}$	$\frac{.075}{19, 05}$	$\frac{.075}{19, 05}$

WITH MOUNT DIMENSIONS (INCHES)

STANDARD PACKAGE	A	B	C	D	E	F
	NOMINAL ±0.005		NOMINAL	TYPICAL		
1	0.340	0.578	0.60	0.29	0.110	0.110
2	0.450	0.648	0.65	0.325	0.150	0.110
3	0.450	0.828	0.85	0.415	0.150	0.110
4	0.600	0.948	0.95	0.475	0.225	0.110
5	0.700	1.248	1.25	0.625	0.250	0.110

ELECTRICAL CHARACTERISTICS AT 25° Celsius

REFERENCE OPERATING VALUES					DESIGN CONTROL VALUES						
Part Number	Mount Option	L Typical (u Hy) (1)	Idc (Amps)	ETop (V-uSec)	L No D.C. ±20%-12%	1000Hz Test Volts No D.C.	Coil Size Code	Mount Package	Lead Dia. In. ±0.003	Min. Energy Storage (uJ)	DC Resistance Ohms Maximum(Ω)
T110-01		20	2.0	52	32.8	0.0034	H		0.020	40	.06
T110-02	M	25	2.5	30	20.7	0.0023	A	1	0.020	75	.04
T110-03	M	50	2.5	50	45.7	0.0047	B	2	0.020	150	.07
T110-04	M	100	2.5	90	94.1	0.0094	C	3	0.020	300	.10
T110-05	M	35	2.5	55	28.4	0.0037	B	2	0.025	110	.04
T110-06	M	70	3.0	85	61.0	0.0076	C	3	0.025	300	.05
T110-07	M	145	3.0	140	141.8	0.015	D	4	0.025	650	.09
T110-08	M	285	3.0	300	264.1	0.035	E	5	0.025	1275	.14
T110-09		450	3.0	425	436.3	0.053	F		0.025	2000	.20
T110-10	M	100	3.5	130	90.7	0.012	D	4	0.032	600	.04
T110-11	M	165	4.0	240	152.0	0.027	E	5	0.032	1300	.07
T110-12		270	4.0	350	263.9	0.041	F		0.032	2150	.10
T110-13	M	40	4.0	70	37.9	0.006	C	3	0.032	300	.03
T110-14		12	5.0	44	20.3	0.0038	G		0.032	150	.03
T110-15	M	100	5.0	200	90.7	0.021	E	5	0.042	1250	.04
T110-16		170	5.0	300	159.7	0.032	F		0.042	2100	.05
T110-17	M	55	5.0	100	54.9	0.009	D	4	0.042	650	.02
T110-18		95	7.0	225	96.0	0.025	F		0.051	2300	.03
T110-19	M	55	7.0	150	49.1	0.015	E	5	0.051	1300	.02
T110-20		55	10.0	175	55.9	0.019	F		0.064	2750	.02