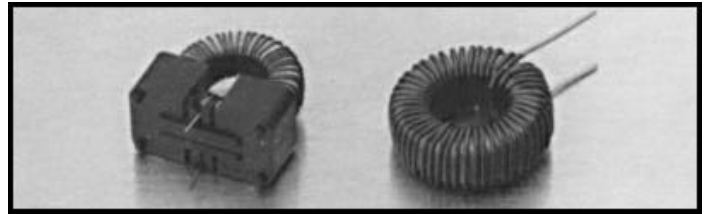
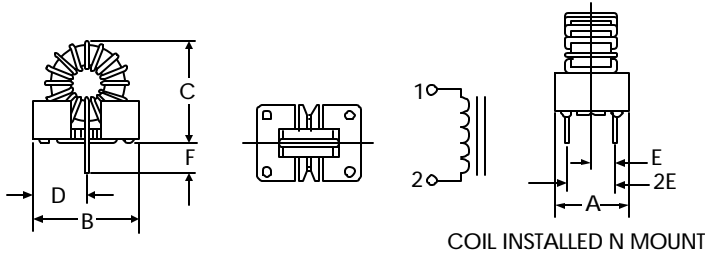
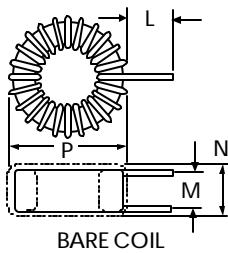


# Toroids TL1 Series



STANDARD PACKAGE	A	B	C	D	E	F
	NOMINAL ± .005		NOMINAL	TYPICAL		
Mount - 1	.340	.578	.60	.29	.110	.110
Mount - 2	.450	.648	.65	.325	.150	.110
Mount - 3	.450	.828	.85	.415	.150	.110
Mount - 4	.600	.948	.95	.475	.225	.110
Mount - 5	.700	1.248	1.25	.625	.250	.110



BARE COIL

## 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
- Supplied in bulk only

SIZE CODE	P MAX	N MAX	L = ± .125 - .025
A	.50	.22	.0375
	12,70	5,58	9,53
B	.64	.32	.0375
	16,25	8,12	9,53
C	.79	.32	.0375
	20,06	8,12	9,53
D	1.00	.49	.0375
	25,40	12,44	9,53
E	1.23	.56	.0875
	31,24	14,22	22,23
F	1.50	.62	.0875
	38,10	15,74	22,23
G	.78	.29	.075
	19,81	7,36	19,05
H	.61	.26	.075
	15,49	6,60	19,05

Dimensions D and H are typical for part number shown and may vary depending on wire size for other part numbers using the same core size

ELECTRICAL CHARACTERISTICS AT 25°C												
REFERENCE OPERATING VALUES					DESIGN CONTROL VALUES							
PART NUMBER	MOUNT OPTION	L TYPICAL (μHy) (1)	I <sub>dc</sub> (AMPS)	E <sub>T<sub>op</sub></sub> (V-μSec)	L NO D.C. ±20% -12% (μHy)	1000 Hz TEST VOLTS NO D.C.	DC RESISTANCE OHMS MAXIMUM (W)	COIL SIZE CODE	MOUNT PACKAGE	LEAD DIA. IN. ±.003	MIN. ENERGY STORAGE (μJ)	
TL1-01		20	2.0	52	32.8	.0034	.06	H		.020	40	
TL1-02	M	25	2.5	30	20.7	.0023	.04	A	M - 1	.020	75	
TL1-03	M	50	2.5	50	45.7	.0047	.07	B	M - 2	.020	150	
TL1-04	M	100	2.5	90	94.1	.0094	.10	C	M - 3	.020	300	
TL1-05	M	35	2.5	55	28.4	.0037	.04	B	M - 2	.025	110	
TL1-06	M	70	3.0	85	61.0	.0076	.05	C	M - 3	.025	300	
TL1-07	M	145	3.0	140	141.8	.015	.09	D	M - 4	.025	650	
TL1-08	M	285	3.0	300	264.1	.035	.14	E	M - 5	.025	1275	
TL1-09		450	3.0	425	436.3	.053	.20	F		.025	2000	
TL1-10	M	100	3.5	130	90.7	.012	.04	D	M - 4	.032	600	
TL1-11	M	165	4.0	240	152.0	.027	.07	E	M - 5	.032	1300	
TL1-12		270	4.0	350	263.9	.041	.10	F		.032	2150	
TL1-13	M	40	4.0	70	37.9	.006	.03	C	M - 3	.032	300	
TL1-14		12	5.0	44	20.3	.0038	.03	G		.032	150	
TL1-15	M	100	5.0	200	90.7	.021	.04	E	M - 5	.042	1250	
TL1-16		170	5.0	300	159.7	.032	.05	F		.042	2100	
TL1-17	M	55	5.0	100	54.9	.009	.02	D	M - 4	.042	650	
TL1-18		95	7.0	225	96.0	.025	.03	F		.051	2300	
TL1-19	M	55	7.0	150	49.1	.015	.02	E	M - 5	.051	1300	
TL1-20		55	10.0	175	55.9	.019	.02	F		.064	2750	