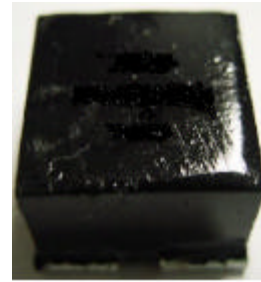


## Power Inductors

1. Low profile, transfer mold surface-mount package
2. Four sizes; leaded and leadless configurations
3. Ideal for automatics insertion
4. Weight of 0.5 to 5 grams
5. Built to meet MIL-PRF-27 specifications., Grade 5, Class S
6. Operating temperature range: -55? to +130? .
7. Temperature rise at rated DC current is less than 35? at 90? ambient.
8. Configuration: S (Surface-Mount) P (Plug-In)



Electrical Characteristics:

5T6184-XXX	SERIES			SIZE	CONFIGURATION
	Inductance (uH)+/- 20%	Rated DC (mA)	DCR (mohms) Max.		
001	1.0	3750	10.0	1	P
002		6700	8.0	2	P
003		9000	5.0	3	P
004		11000	3.0	4	P
005	2.2	2350	20.0	1	P
006		4500	15.0	2	P
007		5400	12.0	3	P
008		7250	4.0	4	P
009	3.3	1880	25.0	1	P
010		3400	20.0	2	P
011		4500	15.0	3	P
012		6200	5.0	4	P
013	4.0	1875	40.0	1	S
014		3350	32.0	2	S
015		4500	20.0	3	S
016		5500	12.0	4	S
017	5.0	1600	30.0	1	P
018		2800	20.0	2	P
019		3800	15.0	3	P
020		5000	7.0	4	P
021	8.0	1250	40.0	1	P
022		2250	30.0	2	P
023		3000	24.0	3	P
024		4000	10.0	4	P
025	8.8	1175	80.0	1	S
026		2250	60.0	2	S
027		2700	48.0	3	S
028		3625	16.0	4	S
029	12.0	1000	70.0	1	P
030		1800	45.0	2	P
031		2450	35.0	3	P
032		3000	15.0	4	P
033	13.2	940	100.0	1	S
034		1700	80.0	2	S
035		2250	60.0	3	S
036		3100	20.0	4	S
037	18.0	820	90.0	1	P
038		1400	70.0	2	P
039		2100	50.0	3	P
040		2500	20.0	4	P
041	20.0	800	120.0	1	S
042		1400	80.0	2	S
043		1900	60.0	3	S
044		2500	28.0	4	S

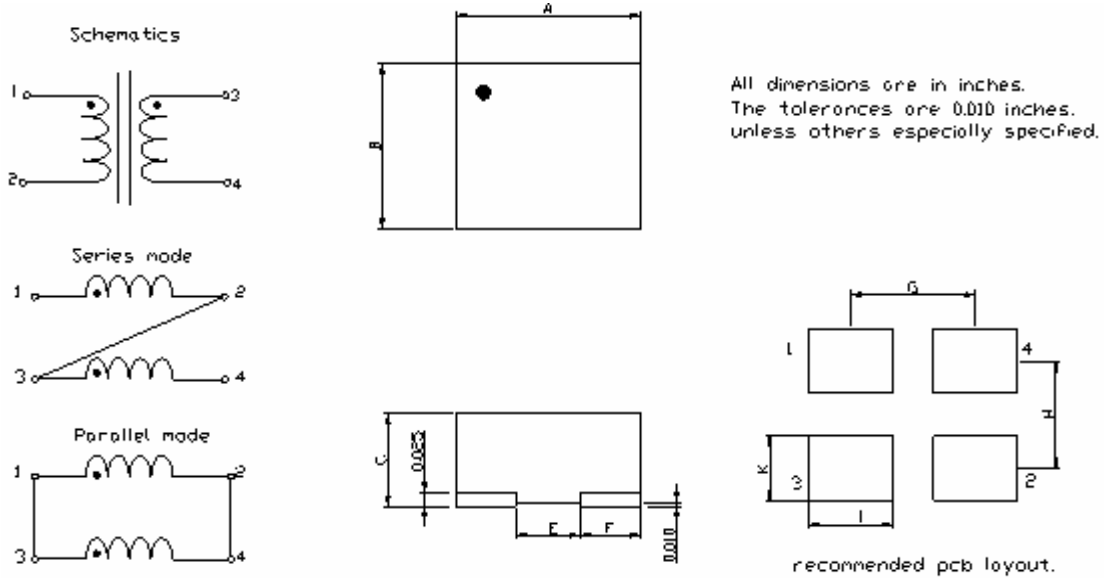
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5T6184-XXX	SERIES			SIZE	CONFIGURATION
	Inductance (uH)+/-20%	Rated DC (mA)	DCR (mohms) Max.		
045	25.0	700	130.0	1	P
046		1250	100.0	2	P
047		1700	80.0	3	P
048		2200	30.0	4	P
049	32.0	625	160.0	1	S
050		1125	120.0	2	S
051		1500	96.0	3	S
052		2000	40.0	4	S
053	48.0	500	280.0	1	S
054		900	180.0	2	S
055		1225	140.0	3	S
056		1500	60.0	4	S
057	62.0	450	325.0	1	P
058		800	240.0	2	P
059		1100	200.0	3	P
060		1400	75.0	4	P
061	72.0	410	360.0	1	S
062		700	280.0	2	S
063		1050	200.0	3	S
064		1250	80.0	4	S
065	100.0	350	520.0	1	S
066		625	400.0	2	S
067		850	320.0	3	S
068		1100	120.0	4	S
069	125.0	320	700.0	1	P
070		560	425.0	2	P
071		780	335.0	3	P
072		1000	160.0	4	P
073	187.0	260	1125.0	1	P
074		460	650.0	2	P
075		620	550.0	3	P
076		820	250.0	4	P
077	250.0	200	1660.0	1	P
078		400	1200.0	2	P
079		600	750.0	3	P
080		1000	360.0	4	P
081	250.0	225	1300.0	1	S
082		400	960.0	2	S
083		550	800.0	3	S
084		700	300.0	4	S
085	500.0	160	2800.0	1	S
086		280	1700.0	2	S
087		390	1340.0	3	S
088		500	640.0	4	S
089	750.0	130	4500.0	1	S
090		230	2600.0	2	S
091		310	2200.0	3	S
092		410	1000.0	4	S
093	1000.0	100	6650.0	1	S
094		200	4800.0	2	S
095		300	3000.0	3	S
096		500	1440.0	4	S

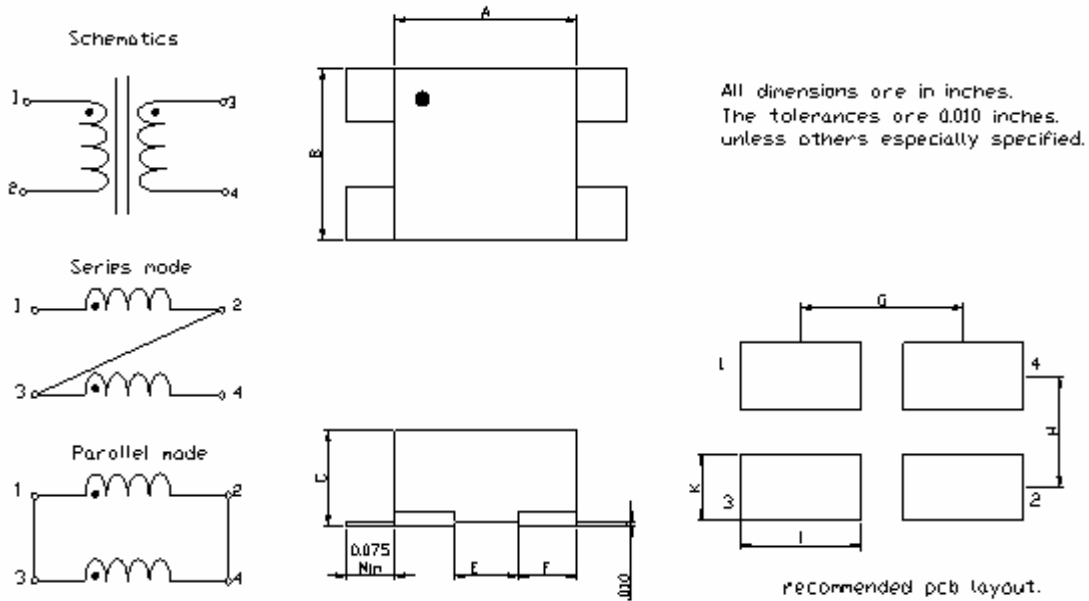
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Mechanical Dimensions:

Without tabs



With Tabs



Size	A Max.	B Max.	C Max.	E	F	G	H	K	I
1	0.290/7.37	0.240/6.10	0.220/5.59	0.070/1.78	0.100/2.54	0.310/7.87	0.145/3.68	0.100/2.54	0.230/5.84
2	4.40/11.18	0.390/9.91	0.220/5.59	0.120/3.05	0.150/3.81	0.360/9.14	0.245/6.22	0.150/3.81	0.280/7.11
3	4.40/11.18	0.390/9.91	0.300/7.62	0.120/3.05	0.150/3.81	0.360/9.14	0.245/6.22	0.150/3.81	0.280/7.11
4	0.565/14.35	0.515/13.09	0.300/7.62	0.120/3.05	0.215/5.46	0.435/11.05	0.305/7.74	0.230/5.84	0.309/7.85

All dimensions are in inches/mm.