

## EPI F3030 Series

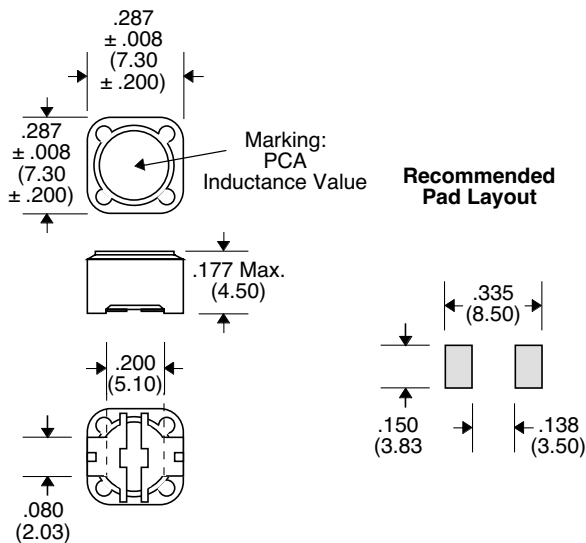


- Used in PDA's, Cell Phones, Digital Cameras, MP3 Players, Low Power CPU & DSP Supply and Organizers
- Used as an Inductor in TI TPS6205X, TPS6110X and TPS6112X Series Applications
- Low loss material ensures operation in high frequency switching converters, such as Buck, Boost or as output averaging filter inductor

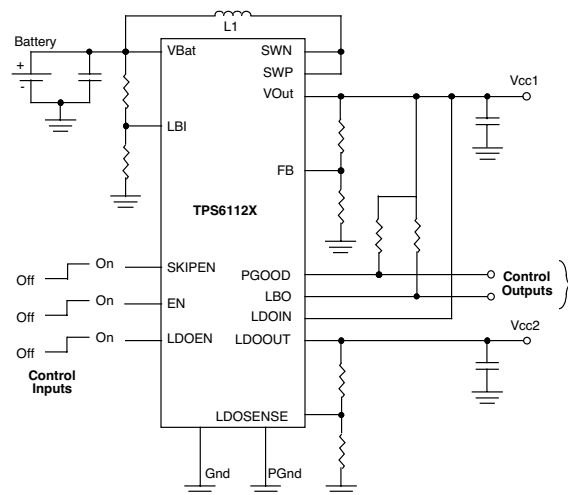
### Primary Specification

Part Number	Induct. ( $\mu\text{H} \pm 20\%$ ) @ 0 Adc	DCR ( $\Omega$ Max.)	Idc (Amp)	Isat (Amp)
EPI100182F3030	10	.049	1.84	3.17
EPI150152F3030	15	.081	1.47	2.48
EPI180132F3030	18	.091	1.31	2.22
EPI220122F3030	22	.110	1.23	2.13
EPI330961F3030	33	.170	0.96	1.73
EPI390911F3030	39	.230	0.91	1.54
EPI470881F3030	47	.260	0.88	1.41
EPI560751F3030	56	.350	0.75	1.27
EPI680691F3030	68	.380	0.69	1.19
EPI820611F3030	82	.420	0.61	1.11
EPI101601F3030	100	.610	0.60	0.99
EPI151461F3030	150	.880	0.46	0.81
EPI221361F3030	220	1.70	0.36	0.66
EPI331321F3030	330	1.86	0.32	0.54
EPI471261F3030	470	3.01	0.26	0.46
EPI561231F3030	560	3.62	0.23	0.40
EPI681221F3030	680	4.63	0.22	0.38
EPI821201F3030	820	5.20	0.20	0.35
EPI102181F3030	1000	6.00	0.18	0.31

### Package F3030



### Application



#### Note :

1. Temperature Rise : 40°C Max. @ Idc
2. Inductance Change at Idc : 10% Typ.
3. Inductance Change at Isat: 30% Approximate.

Unless Otherwise Specified Dimensions are in Inches /mm  $\pm$  .010 / .25