

# Push-Pull Transformer

## EPC3668G-LF

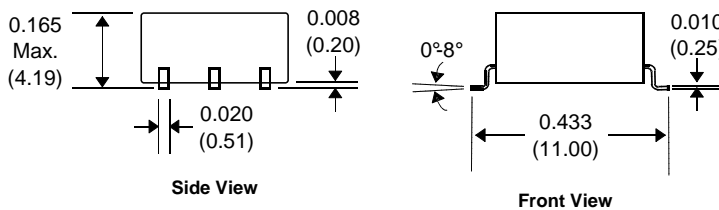
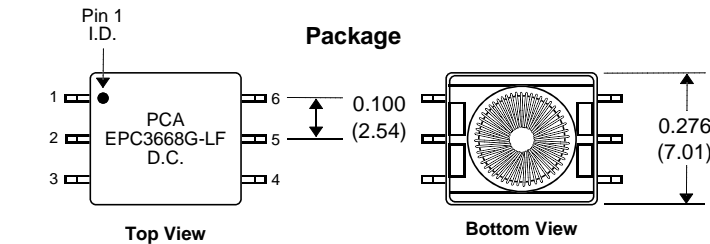
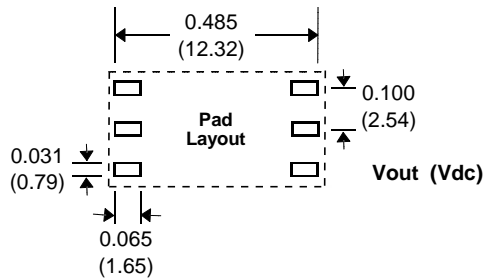
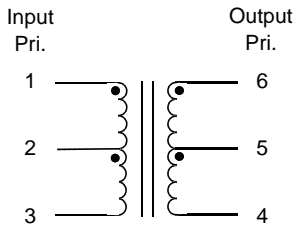


- Designed to work with Texas Instruments SN6501/SN6505B
- Operating Temperature : -40°C to +125°C
- UL 94V-0 Recognized Components
- RoHS Compliant / Lead Free
- Switching Frequency : 300KHz to 620KHz

### Electrical Parameters @ 25°C

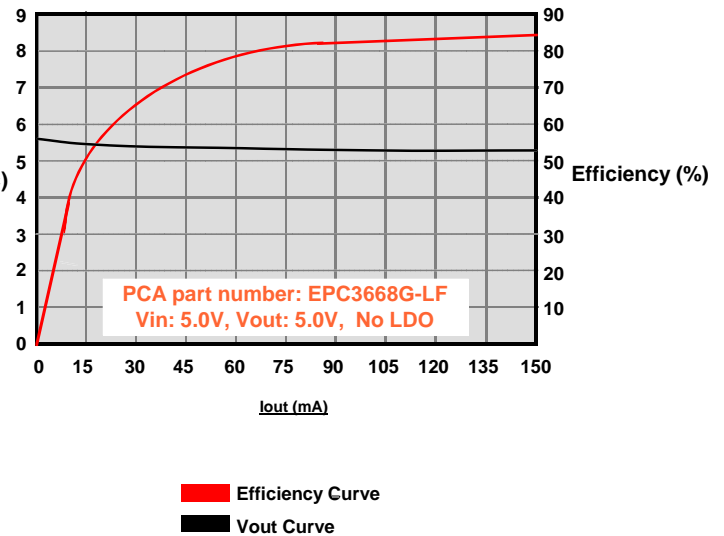
Inductance (mH Typ.)	Turns Ratio (± 2%)	ET (v-µSec.)	Vin - Vout/Iout No LDO		Le (µH, Typ.)	DCR (Ω Typ.)		Dielectric Rating (Vrms)
			Vin	Vout/Iout		@ 20°C		
10KHz, 100mVAC					100KHz, 0.1Vrms			60 secs.
1.0	1 : 1.1	9.2	5.0Vdc	5.0V/150mA	0.350	0.350	0.350	2500
Pins 1-3	Pins 1-3 : 6-4	Pins 1-2, Pins 2-3		5.6V/0mA	Pins 1-3, w/ sec shorted	Pins 1-3	Pins 6-4	Pri.-Sec.

### Schematic

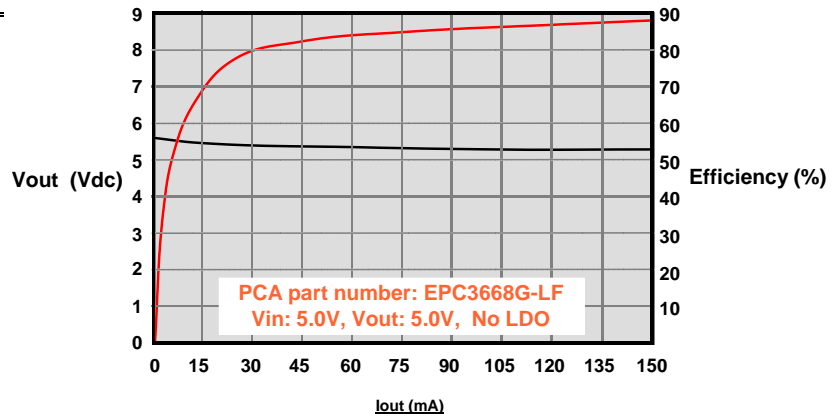


Notes :	EPC3668G-LF
1. Assembly Process	Hot Dipped Sn or SnCu
2. Peak Solder Rating	245°C
3. Weight	0.45 grams
4. Packaging Information (Tube)	60 / tube
(Tape & Reel)	1500 /13" reel

### SN6501



### SN6505B



Unless Otherwise Specified Dimensions are in Inches /mm ± .010 /.25