



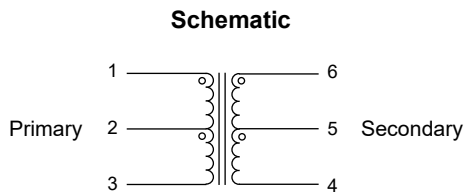
- Designed to work with Texas Instruments SN6501 & SN6505B
- Operating Temperature: -40°C to +125°C
- UL 94V-0 Recognized Components
- Switching Frequency: 350kHz
- Designed to meet AEC-Q200 Grade 1

Electrical Parameters @ 25°C

Part Number	Primary Inductance ¹ (Min.)	Interwinding ² Capacitance (pF Max.)	DC Resistance (Ω Max.)		ET Constant (V-us Min.)	Turn Ratio (±2%) Pri : Sec	Dielectric (Vrms 1min.)	Current Rating (mA)	Package	T.I. Chip
			Pri	Sec						
EPC3804G-LF	900 uH	35	0.46	0.48	7	1 : 1.1	1500	100	A	SN6501
EPC3805G-LF	475 uH	25	0.31	0.33	11	1 : 1.1	2500	350	A	SN6501
EPC3806G-LF	475 uH	25	0.35	0.50	11	1 : 1.7	2500	350	A	SN6501
EPC3807G-LF	475 uH	25	0.31	0.37	11	1 : 1.3	2500	350	A	SN6501
EPC3808G-LF	475 uH	25	0.35	0.57	11	1 : 2	2500	350	A	SN6501
EPC3809G-LF	72 uH ²	15	0.080	0.080	4.3	1 : 1:1	2500	1000	B	SN6505B

Notes:

- 1) Measured at 10kHz, 100mVrms
- 2) Measured at 100KHz, 100mVrms

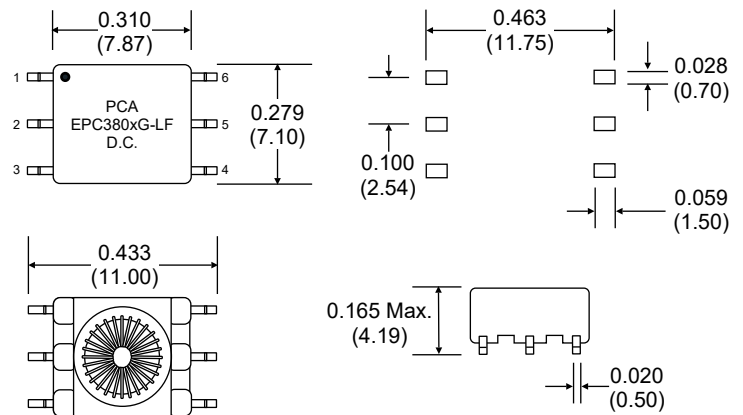


- Lead Finish: Hot Dipped Sn or SnCu
- Moisture sensitivity level: 1
- Resistance to solder heat: 245°C
- Ordering Information:
Tube Packaging: 60 pcs.
Tape & Reel: 300 pcs/reel

Part Number	Weight (gms.)
EPC3804G-LF	0.4
EPC3805G-LF	0.4
EPC3806G-LF	0.4
EPC3807G-LF	0.4
EPC3808G-LF	0.4
EPC3809G-LF	0.5

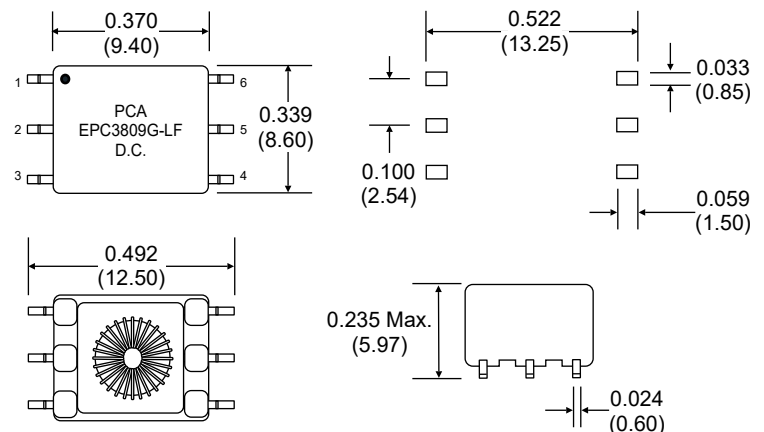
Package A

CA-08-07-04-6G



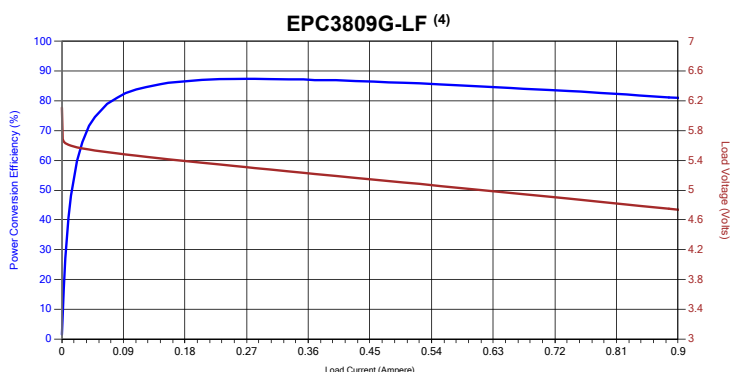
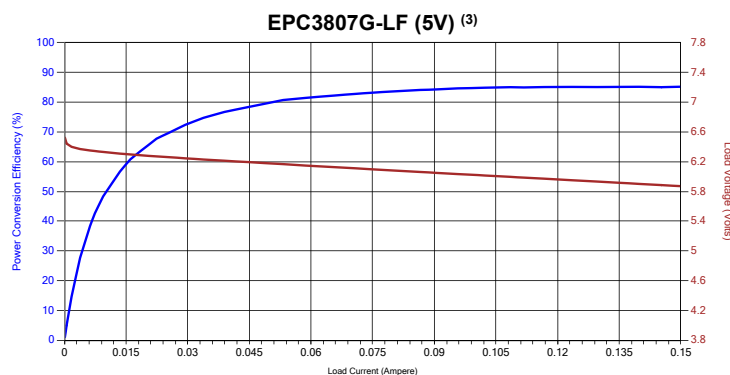
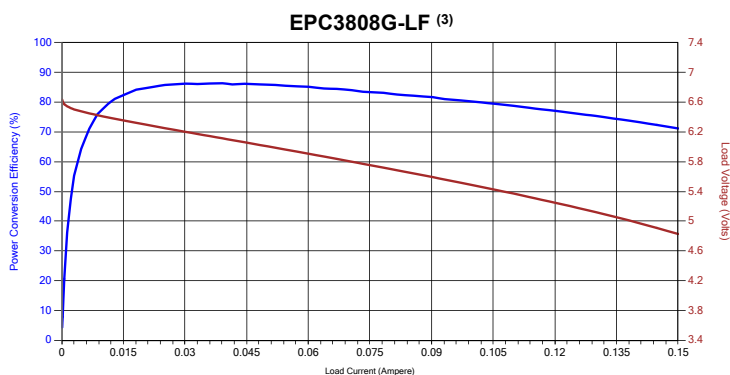
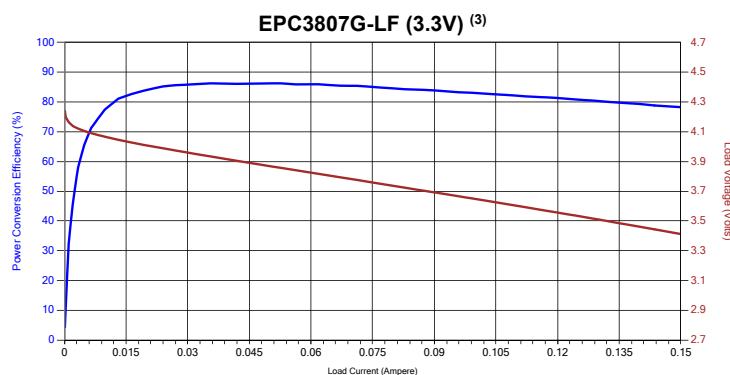
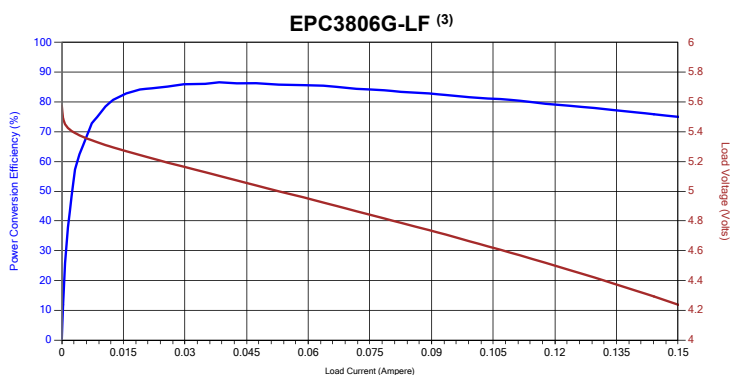
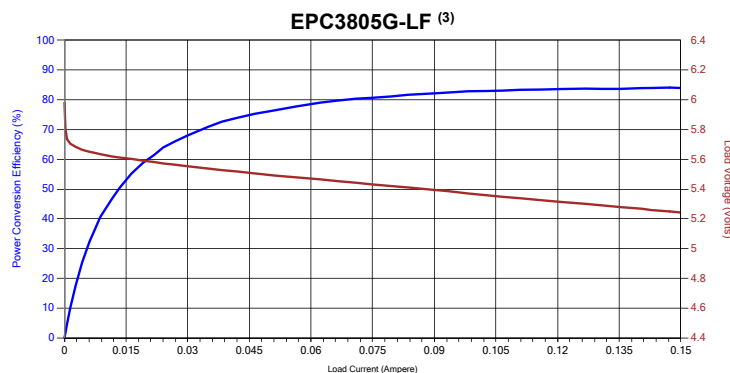
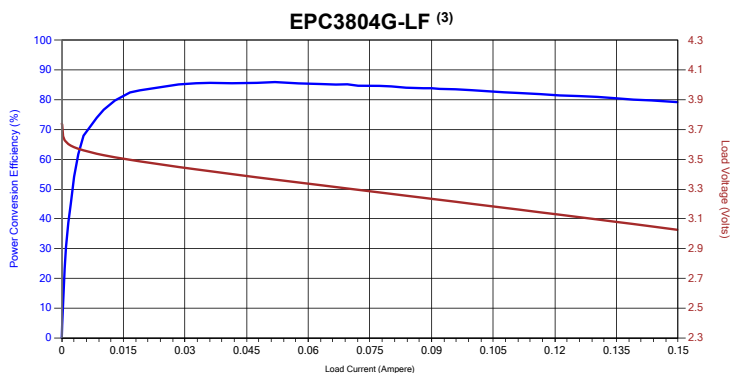
Package B

CA-09-09-06-6G



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

Efficiency & Output Voltage Vs Output Current



Notes:

1. All tested at +25°C
2. All Efficiency and Output Voltage measured at Vout test points
3. Tested using T.I.'s SN6501EVM-MULTI-XMFR Evaluation Board
4. Tested using T.I.'s SN6505BEVM Evaluation Board