

Push-Pull

Midcom

SwitchmodePower

Features

- Design verified with Linear Tech IC LT 1533
- Economical, reliable surface mount transformers and inductors
- Core geometry provides shielding for low switching noise
- Manufactured with UL94V-O materials
- Designed for pick and place applications
- Compatible with solder reflow process to 240°C

Applications

- Ideal for use in DC/DC converter, push-pull applications
- DC/DC converters for personal, industrial or test equipment
- Coupled inductors may also be used as flyback transformers and power inductors
- Low-power isolated power supplies

Push-Pull Transformers

Part Number	Primary Voltage (Volts)	Secondary Voltage (Volts)	Power Rating (Watts)	V-uSec Rating	Inductance L_{min} (uH)	RoHS	Mechanical	Schematic
30802R	5	12	1.8	29	230	NO	1	1
30804R	5	15	1.8	31	300	NO	1	1
30807R	5	5	1.8	89	300	NO	1	1
30807R-LF1	5	5	1.8	89	300	YES	1	1
30812R	12	5	4.5	459	600	NO	2	2

Push-Pull Inductors

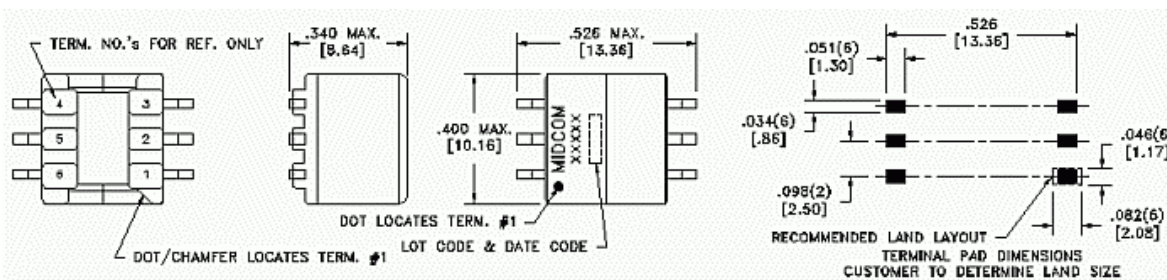
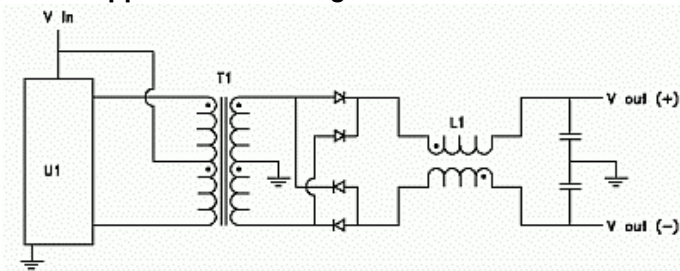
Part Number	Inductance L_{sat} (uH)	DC Sat Current Rating (A)	RoHS	Mechanical	Schematic
30942R	500	0.25	NO	1	3
30942R-LF1	500	0.25	YES	1	3
30943R	800	0.2	NO	1	3
30944R	100	0.6	NO	1	3
30944R-LF1	100	0.6	YES	1	3
30945R	33	1.5	NO	1	3

Push-Pull

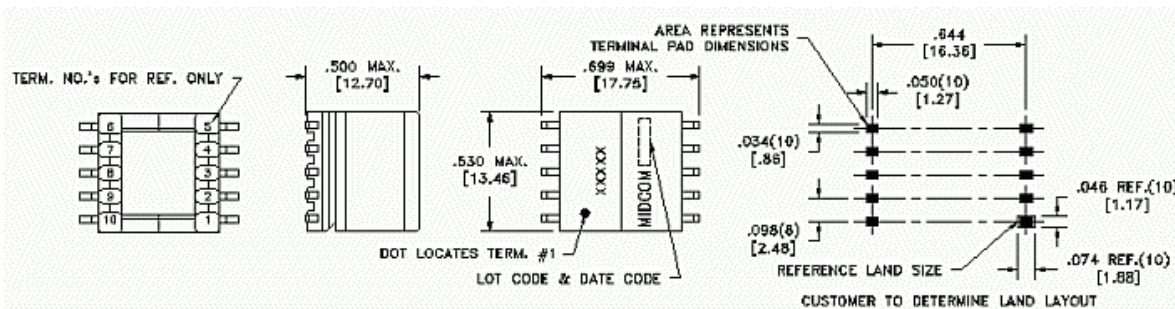
Midcom

SwitchmodePower

Basic Application Drawing



Mechanical 1



Mechanical 2

