















- Optimized for Texas Instrument SN6507 transformer driver • Low profile and center-tapped push-pull transformers for isolated power supply
- High Frequency Operation up to 1 MHz
- 2500 Vrms, one minute high isolation (hipot) winding to winding

Core material Ferrite

Terminations RoHS Tin-silver-copper over tin over nickel over phos bronze. Other terminations available at additional cost.

Weight 0.91 - 1.1 g

Ambient temperature -40°C to +125°C

Maximum part temperature +165°C (ambient + temp rise)

Storage temperature Component: -40°C to +125°C.

Tape and reel packaging: -40°C to +80°C

Resistance to soldering heat Max three 40 second reflows at +260°C, parts cooled to room temperature between cycles

Moisture Sensitivity Level (MSL) 1 (unlimited floor life at <30°C / 85% relative humidity)

Packaging 600/13" reel Plastic tape: 24 mm wide, 0.37 mm thick, 16 mm pocket spacing, 6.1 mm pocket dept

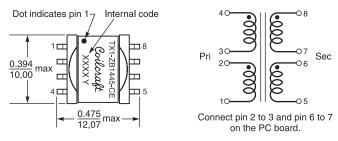
PCB washing Tested with pure water or alcohol only. For other solvents, see Doc787_PCB_Washing.pdf

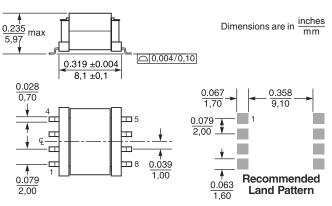
V- II II ----

Pri/sec	Inductance ²	DCR max (Ohms)3		Leakage inductance ⁴	voit-time product ⁵	Power ⁶	Turns ratio
voltage	min (µH)	pri	sec	max (µH)	(V-µsec)	(W)	pri : sec
12 V to 15 V	99.7	0.087	0.135	0.25	22	7.5	1:1.40
12 V to 30 V	99.7	0.102	0.240	1.0	22	15.0	1:2.80
24 V to 15 V	196	0.115	0.098	1.0	30	7.5	1:0.71
24 V to 30 V	196	0.134	0.163	1.0	30	15.0	1:1.43
	voltage 12 V to 15 V 12 V to 30 V 24 V to 15 V	voltage min (μH) 12 V to 15 V 99.7 12 V to 30 V 99.7 24 V to 15 V 196	voltage min (μH) pri 12 V to 15 V 99.7 0.087 12 V to 30 V 99.7 0.102 24 V to 15 V 196 0.115	voltage min (μH) pri sec 12 V to 15 V 99.7 0.087 0.135 12 V to 30 V 99.7 0.102 0.240 24 V to 15 V 196 0.115 0.098	Pri/sec voltage Inductance² min (μH) DCR max (Ohms)³ pri inductance⁴ max (μH) 12 V to 15 V 99.7 0.087 0.135 0.25 12 V to 30 V 99.7 0.102 0.240 1.0 24 V to 15 V 196 0.115 0.098 1.0	Pri/sec voltage Inductance² min (μH) DCR max (Ohms)³ pri inductance⁴ max (μH) product⁵ (V-μsec) 12 V to 15 V 99.7 0.087 0.135 0.25 22 12 V to 30 V 99.7 0.102 0.240 1.0 22 24 V to 15 V 196 0.115 0.098 1.0 30	Pri/sec voltage Inductance² min (μH) DCR max (Ohms)³ pri inductance⁴ max (μH) product⁵ (V-μsec) Power⁶ (W) 12 V to 15 V 99.7 0.087 0.135 0.25 22 7.5 12 V to 30 V 99.7 0.102 0.240 1.0 22 15.0 24 V to 15 V 196 0.115 0.098 1.0 30 7.5

- 1. Packaging: D = 13" machine ready reel. EIA-481 embossed plastic tape (600 per full reel). Quantities less than full reel available: in tape (not machine ready) or with leader and trailer (\$25 charge).
- 2. Inductance is for the primary, measured between pins 4 and 1 with pins 2 and 3 connected at 1 MHz, 0.1 Vrms, 0 Adc.
- 3. DCR is per winding.
- 4. Leakage inductance is for the primary with both windings connected in series and with the secondary windings shorted.
- 5. Volt-time product is for the primary, between pins 4 and 1 with pins 2 and 3 connected.
- 6. Calculated Output Power will vary depending upon application.
- 7. Electrical specifications at 25°C.

Refer to Doc 362 "Soldering Surface Mount Components" before soldering.







US +1-847-639-6400 sales@coilcraft.com UK +44-1236-730595 sales@coilcraft-europe.com Taiwan +886-2-2264 3646 sales@coilcraft.com.tw China +86-21-6218 8074 sales@coilcraft.com.cn Singapore + 65-6484 8412 sales@coilcraft.com.sg Document 1722-1 Revised 03/12/25

© Coilcraft Inc. 2025 This product may not be used in medical or high

risk applications without prior Coilcraft approval. Specification subject to change without notice. Please check web site for latest information