

- Optimized for Texas instrument SN6505 transformer driver
- Designed to meet UL/CSA/IEC 60950 Reinforced Insulation Class with 8 mm creepage and 4.5 mm clearance
- Low profile and center-tapped push-pull transformers for isolated power supply
- 3500 Vrms, one minute high isolation (hipot) winding to winding
 Core material Ferrite

Terminations RoHS tin-silver-copper over tin over nickel over phos

Terminations RoHS tin-silver-copper over tin over nickel over phosbronze.

Weight 0.9 g

Ambient temperature -40°C to +125°C

Maximum part temperature +155°C (ambient + temp rise)

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

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

Dot indicates pin1

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 $<30^{\circ}\text{C}$ / 85% relative humidity)

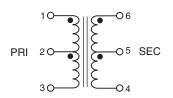
Packaging 650 per 13" reel Plastic tape: 24 mm wide, 0.4 mm thick, 12 mm pocket spacing, 6.6 mm pocket depth

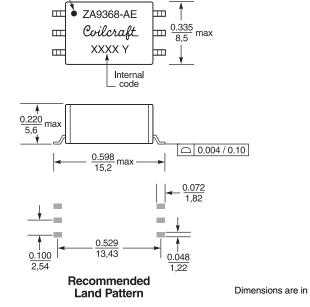
PCB washing Tested to MIL-STD-202 Method 215 plus an additional aqueous wash. See Doc787_PCB_Washing.pdf.

Part	Input voltage (V)	L ² at 0 A	Leakage L ³	DCR max (Ohms)		Turns ratio	Volt-time product ⁴	Isolation ⁵	
number ¹	(V)	±25% (µH)	max (µH)	pri	séc	pri:sec	(V-µsec)	(Vrms)	Output ⁶
ZA9368-AED	3.3	256	0.4	0.182	0.395	1:1.75	16	3500	5 V, 700 mA

- Packaging: D = 13" machine ready reel. EIA-481 embossed plastic tape.
 Quantities less than full reel available: in tape (not machine ready) or with leader and trailer (\$25 charge).
- 2. Inductance is for primary windings measured at 10 kHz, 0.01 Vrms, 0 Adc.
- Leakage inductance measured between pins 1 and 3 at 100 kHz, 0.1 Vrms with secondary pins shorted.
- 4. Volt-time product is for the primary, between pin 1 and 3.
- 5. One minute isolation (hipot) primary windings to secondary windings.
- Maximum output current of 700 mA causes 40°C temperature rise from ambient.
- 7. Capacitance is 6 pF $\pm 10\%$, measured from primary to secondary.
- 8. 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 1592-1 Revised 10/08/21

inches