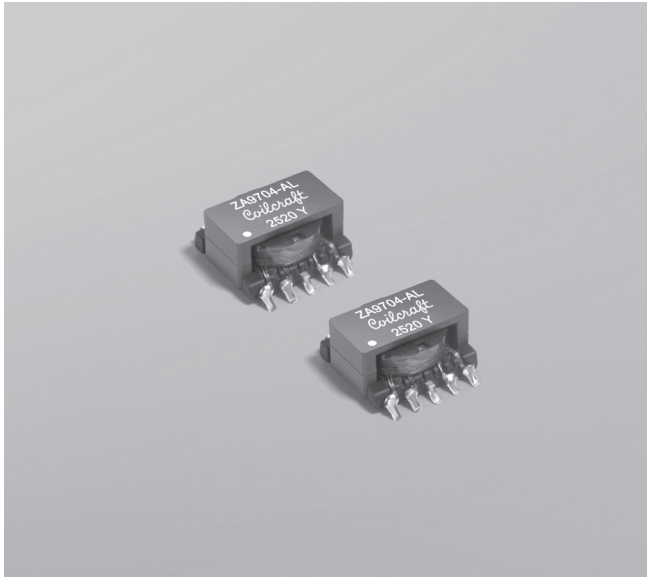


NEW!

No-Opto Flyback Transformer



- Optimized for PMP30750 3.5 W automotive dual-output PSR flyback regulator by Texas Instruments
- Designed for 150 kHz with 6 – 36 V input voltage
- 2200 Vrms, one minute isolation (hipot) between primary and secondary windings
- AEC-Q200 qualified

Core material Ferrite

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

Weight 1.2 – 1.4 g

Max part temperature +165°C (including temp rise)

Ambient temperature -40°C to +125°C with Irms current.

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

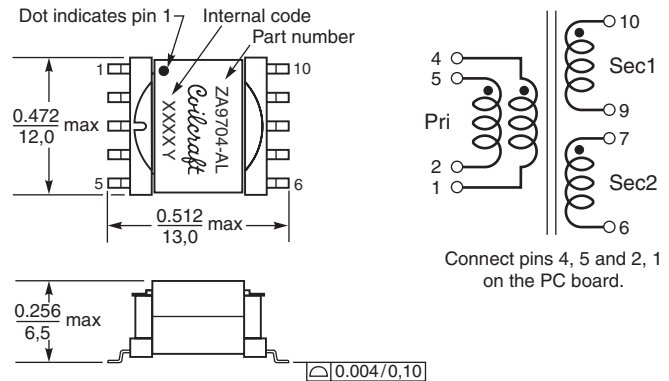
Moisture Sensitivity Level (MSL) 1 (unlimited floor life at <30°C / 85% relative humidity)

Packaging 500/13" reel Plastic tape: 24 mm wide, 0.36 mm thick, 16 mm pocket spacing, 6.13 mm pocket depth

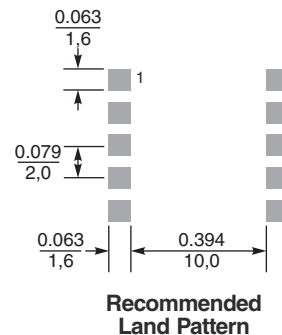
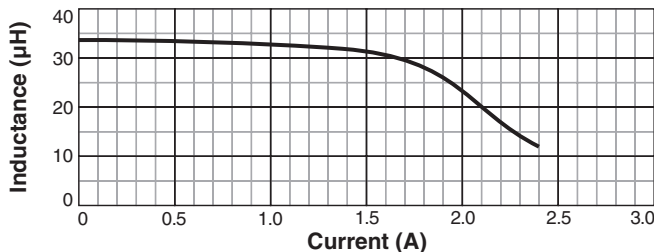
PCB washing Tested with pure water or alcohol only. For other solvents, see Doc787_PCB_Washing.pdf

Part number ¹	Inductance at 0 A ² ±10% (µH)	Isat ³ (A)	DCR max (Ohms)			Leakage inductance max (µH) ⁴	Turns ratio pri : sec1 : sec2	Isolation ⁵ (Vrms / VDC)	Output ⁶
			pri	sec1	sec2				
ZA9704-ALD	33	2	0.135	0.604	0.604	0.43	1 : 1 : 1	2200 / 3111	17.5 V, 0.10 A

- Packaging:** D = 13" machine-ready reel. EIA-481 embossed plastic tape (500 parts per full reel). Quantities less than full reel available: in tape (not machine ready) or with leader and trailer (\$25 charge).
 - Inductance is for the primary, measured at 150 kHz, 0.1 Vrms, 0 Adc.
 - DC current that causes the primary inductance drop 30% from its value without current.
 - Leakage Inductance is for the primary, measured with secondary windings shorted together.
 - 2200 Vrms / 3111 VDC, one minute isolation (hipot) between primary and secondary windings.
 - Both secondary outputs (Sec1 and Sec2) are at 17.5 V, 0.10 A.
 - Electrical specifications at 25°C.
- Refer to Doc 362 "Soldering Surface Mount Components" before soldering.



L vs Current



Dimensions are in inches/mm