

Flyback Transformers

For ON Semiconductor
NCP101X

This product is not RoHS-compliant. Contact Coilcraft for current status or possible alternatives.

These flyback transformers have been specially developed for use with ON Semiconductor's NCP101X Self-Supplied Monolithic Switcher for Low Standby-Power Offline SMPS. They are specified in Application Note AND8142/D.

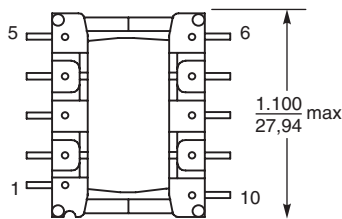
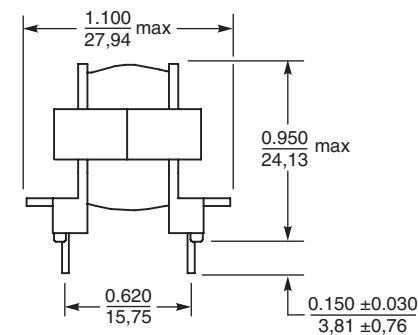
The A9619-C provides 6 Watts continuous output for 120 Vac applications and the B0570-B provides 12 Watts for 230 Vac applications. The transformers have the same footprint and feature 2000 Vrms interwinding isolation.

Coilcraft can also custom engineer a transformer to meet your specific requirements. For free evaluation samples, contact Coilcraft or visit www.coilcraft.com.

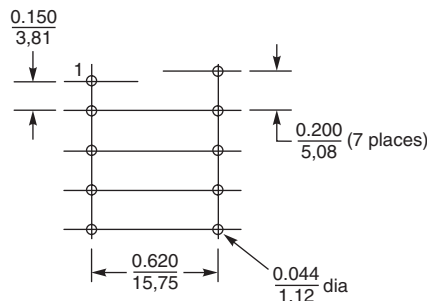
Part number	Inductance ¹ ±10% (mH)	DCR max (Ohms)	Leakage inductance ² max (µH)	Turns ratio pri : sec : aux	Output power (W)	Output voltage (V)	Output current (A)	Isolation voltage ³ (Vrms)
A9619-C	3.2	1.74 (pri) 0.040 (sec) 0.278 (aux)	60	1 : 0.10 : 0.14	6	12	0.58	2000
B0570-B	3.4	2.57 (pri) 0.038 (sec) 0.285 (aux)	95	1 : 0.06 : 0.08	12	12	1.25	2000

1. Inductance is for the primary, measured at 10 kHz, 0.1 Vrms, 0 Adc.
2. Leakage inductance tested at 100 kHz, 0.1 Vrms
3. Isolation tested between primary and secondary and between primary and auxiliary windings.
4. Operating temperature range -40°C to +85°C.
5. Electrical specifications at 25°C.

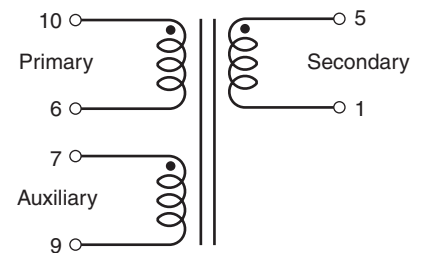
Dimensions



Bottom view



Schematic



Weight: 15.8 – 16.3 g
Packaged 81 per tray

Coilcraft[®]

Specifications subject to change without notice.
Please check our website for latest information.

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