

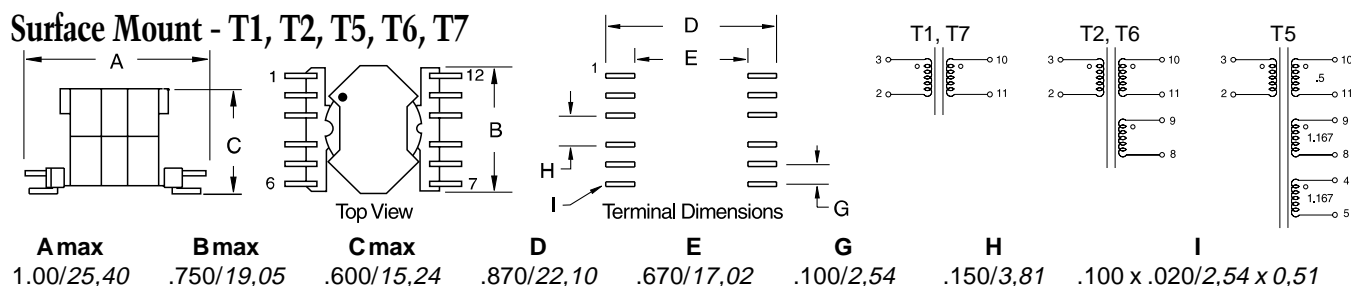
Magnetics for LM258X Flyback Regulator

These standard flyback regulator transformers are designed for use with National Semiconductor LM2585, LM2586, LM2587 and LM2588 **SIMPLE SWITCHER**® switching regulators. They are available in both surface mount and through hole configurations. All feature 500 V isolation between windings and a variety of available turns ratios.

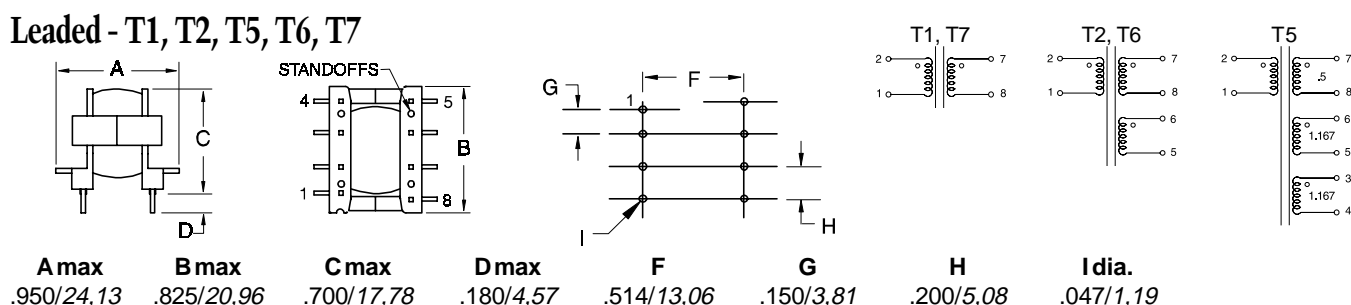
1 Operating temperature range -40° C to +85°C.
2 Electrical specifications at 25° C.

Ref. number	Part number	L ±15% (μH)	Turns ratio	Isolation pri/sec (Vrms)
T1 (SM)	Q4435-B	22	1 : 1	500
T1 (PC)	Q4434-B	22	1 : 1	500
T2 (SM)	Q4436-B	22	1 : 2.50 : 2.50	500
T2 (PC)	Q4337-B	22	1 : 2.50 : 2.50	500
T3 (PC)	Q4343-B	85	1 : 0.8 : 0.8	500
T4 (PC)	Q4344-B	85	1 : 0.35 : 0.8 : 0.8	500
T5 (SM)	Q4437-B	55	1 : 0.5 : 1.167 : 1.167	500
T5 (PC)	Q4338-B	66	1 : 0.5 : 1.167 : 1.167	500
T6 (SM)	Q4438-B	65	1 : 1.20 : 1.20	500
T6 (PC)	Q4339-B	66	1 : 1.20 : 1.20	500
T7 (SM)	S6057-A	47	1 : 1	500
T7 (PC)	S6000-A	47	1 : 1	500

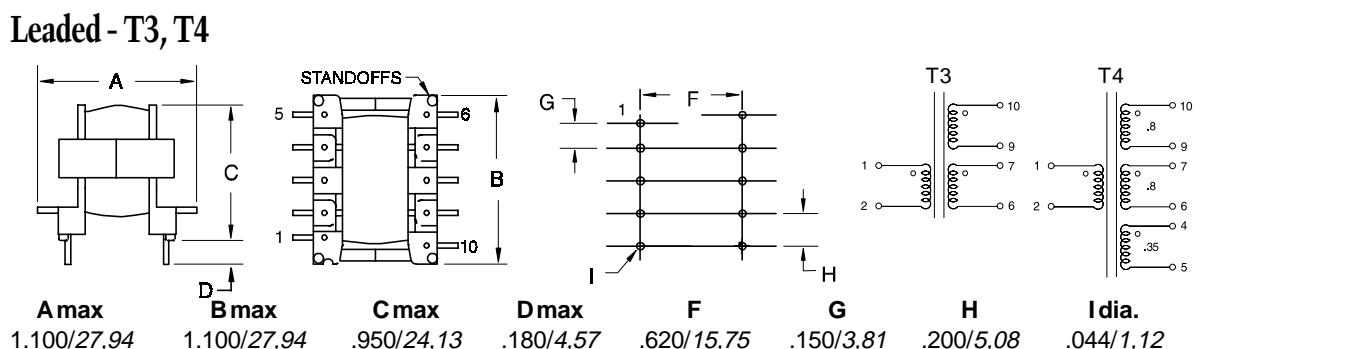
Surface Mount - T1, T2, T5, T6, T7



Leaded - T1, T2, T5, T6, T7



Leaded - T3, T4



Coilcraft

Specifications subject to change without notice. Document 183 Revised 12/29/00

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