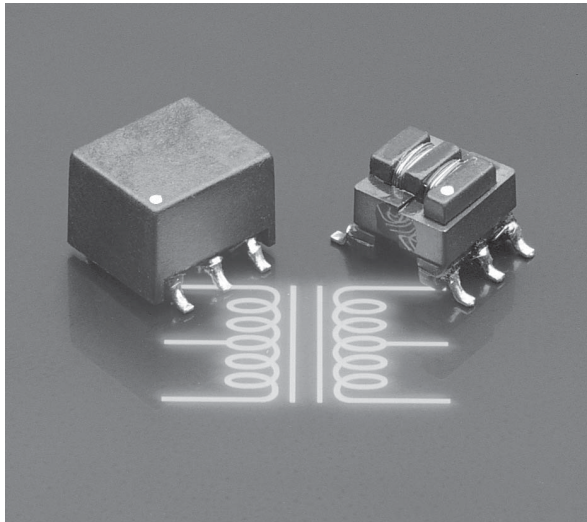


Miniature SMT Transformers



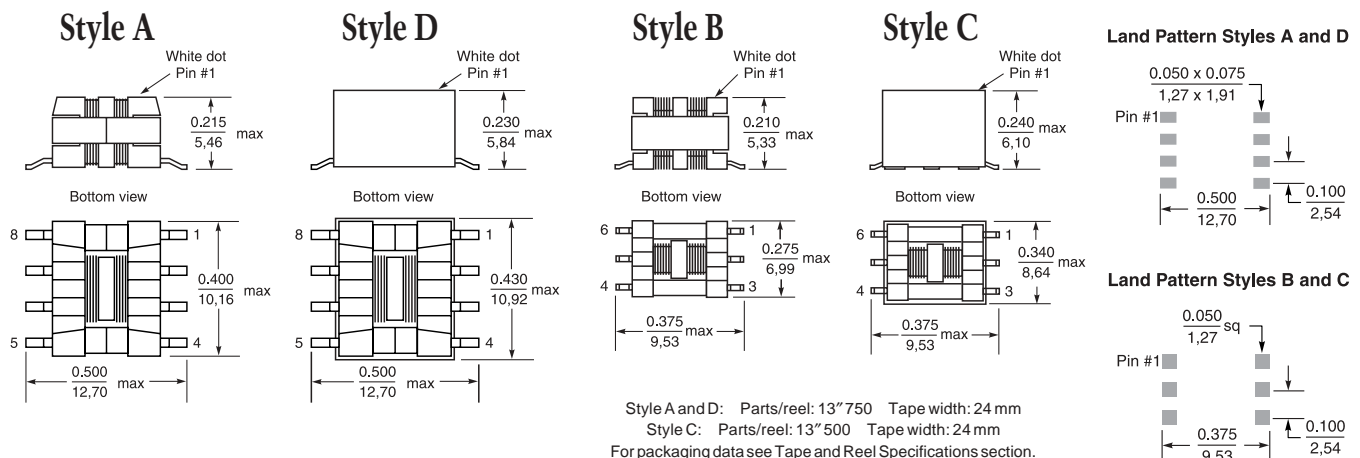
Designed specifically for use with Maxim 212/3212 and 218/3218 RS-232 interface ICs, these miniature transformers are also suitable for gate drive and other power applications.

They feature 1500 Vrms isolation between windings in a miniature surface mount package. All Style C and D parts include a plastic cover to aid automated placement of the transformers.

In addition to the standard parts shown, Coilcraft can produce custom transformers with voltage, inductance and DCR values to meet your specific requirements. For more information, contact Coilcraft.

Part number	Isolated voltage	Inductance min (µH)	Volt-time product typ (Vµsec)	DCR max (Ohms)	Isolation Pri-Sec (Vrms)	Turns ratio	Schematic	Body style
T6437-A T6437-D	5 V to 5V	1000 (1-4)	134 (1-4)	1.010 (1-2, 3-4) 1.955 (8-5)	1500 (1,3-8)	1 CT:1		A D
Q4470-B Q4470-C	5 V to 5 V	400 (1-3)	27 (1-3)	0.950 (1-3) 1.25 (6-4)	1500 (1-4)	1 CT:1.3 CT		B C
S5394-B S5394-C	5 V to 10 V	400 (1-3)	27 (1-3)	0.950 (1-3) 0.950 (6-4)	1500 (1-4)	1 CT:1		B C
U6982-B U6982-C	3.3 V to 5 V	59 (1-3)	22 (1-3)	0.700 (1-3) 1.800 (6-4)	1500 (1-4)	1 CT: 2.1 CT		B C
S5499-A S5499-D	5 V to 24 V	160 (1-4)	48 (1-4)	0.540 (1-2, 3-4) 4.28 (8-7, 6-5)	1500 (1,3-8,6)	1 CT:5 CT		A D
T6650-A T6650-D	5 V to 24 V	176 (2-3)	48 (2-3)	1.015 (2-3) 8.250 (7-6)	1500 (2-7)	1:5		A D

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



Specifications subject to change without notice. Document 193 Revised 4/22/02