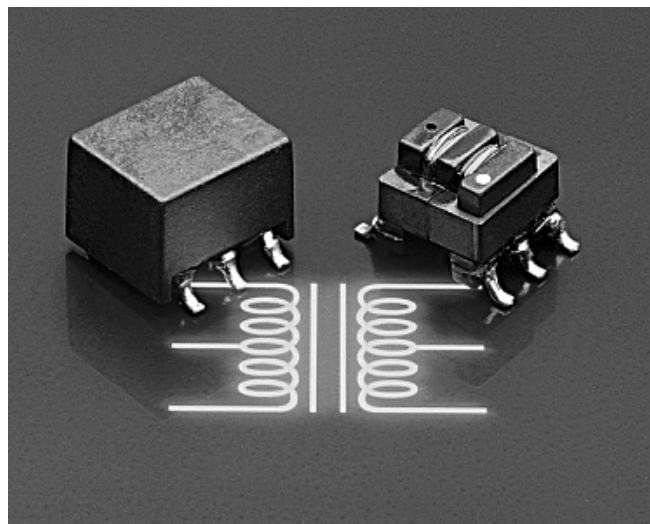


RS-232/RS-485 Isolation Transformers



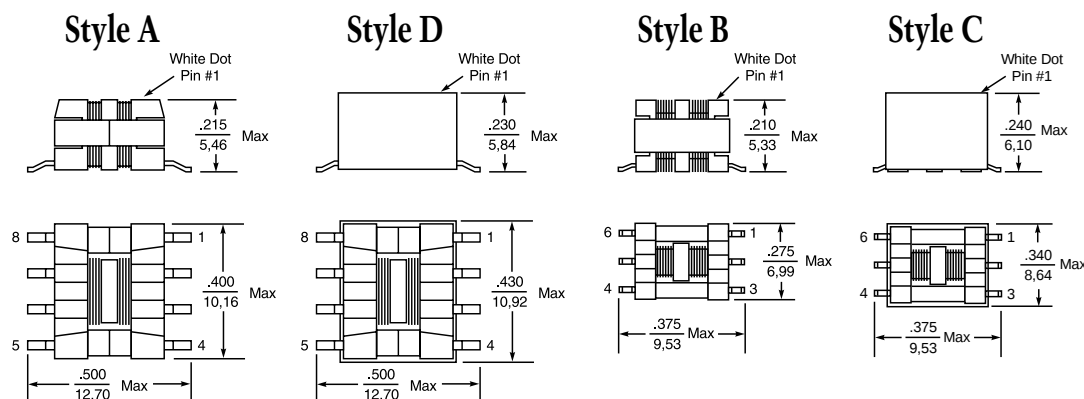
These power driver transformers provide the isolated voltages required for RS-232 and RS-485 data-interface applications.

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

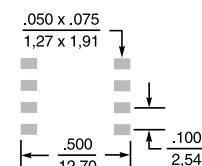
In addition to the standard parts shown, Coilcraft can produce custom interface transformers with voltage, inductance and R_{DC} values to meet your specific requirements. For more information, contact Coilcraft.

Part Number	Isolated Voltage	Inductance Min (μ H)	R_{DC} Max (Ohms)	Isolation Pri-Sec (Vrms)	Turns Ratio	Schematic	Body Style
T6437-A T6437-D	5 V to 5V	1000 (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)	.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)	.950 (1-3, 6-4)	1500 (1 - 4)	1 CT:1		B C
U6982-B U6982-C	3.3 V to 5 V	59 (1 - 3)	.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	40 (2 - 1)	.540 (2-1, 4-3) 4.28 (5-6, 7-8)	1500 (1, 3 - 8, 6)	1 CT:5 CT		A D
T6650-A T6650-D	5 V to 24 V	176 (2 - 3)	1.015 (2-3) 8.250 (7-6)	1500 (3 - 6)	1:5		A D

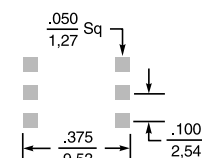
1. Operating temperature range -40°C to $+85^{\circ}\text{C}$. 2. Electrical specifications at 25°C .



Land Pattern Style A and D



Land Pattern Style B and C



Style A and D: Parts/reel: 13" 500 Tape width: 24 mm
 Style B and C: Parts/reel: 13" 500 Tape width: 16 mm
 For packaging data see "Tape and Reel Specifications" (Document 173)

Coilcraft

Specifications subject to change without notice. Document 193 Revised 9/15/00

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