

# DC/DC Converter Transformer

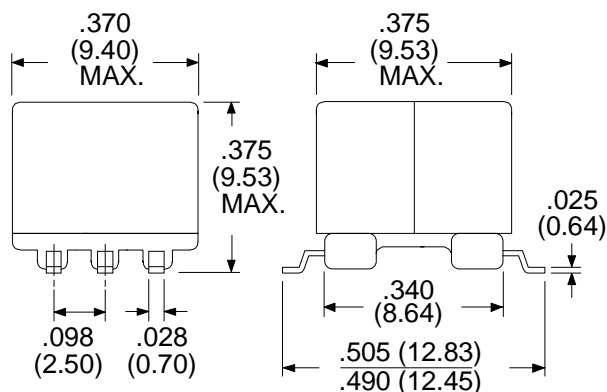
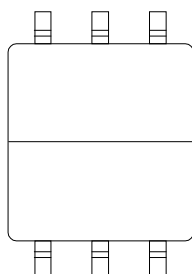
Turns Ratio (1-9 : 2-10 : 5-6)		1 : 1.35 : 1.35 ± 2%		
Parameter	Min.	Typ.	Max.	Units
Inductance (1-3)	405		752	μH
Leakage Inductance			0.35	μH
Interwinding Capacitance		25		pF
DC Resistance (1-3)			0.25	Ω
DC Resistance (4-5) or (5-6)			0.650	Ω
Hi-Pot Primary to Secondary	500			V <sub>RMS</sub>
Insulation Resistance	1000 MΩ at 500 VDC.			
Temperature Range:	0° to + 85°C.			

DC/DC converter for use with LinearTechnology LTC 1535 isolated RS485 transceiver.

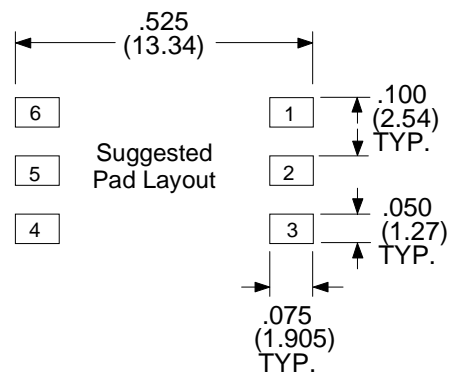
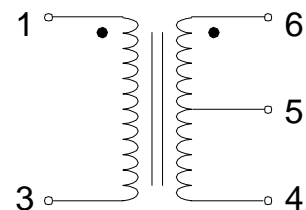
Materials used in construction of this component meet or exceed UL Class B and can be operated up to 130°C

1. Tested at 10 kHz - 100 mV

Dimensions in inches (mm)



## SCHEMATIC DIAGRAM



RHOMBUS P/N: **T-1479**

CUST P/N:

NAME:

DATE: **01/31/02**

SHEET: 1 OF 1