

MT-49050 SERIES

ADSL Line Transformers

MINNTRONIX

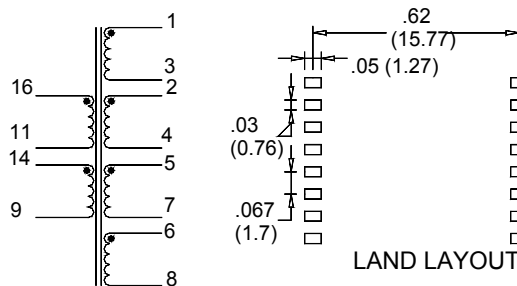
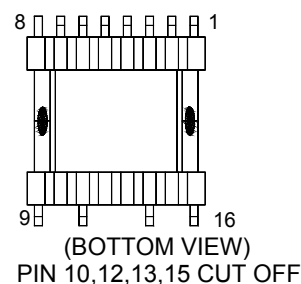
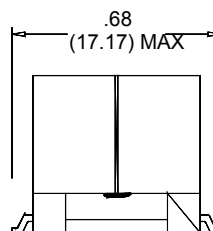
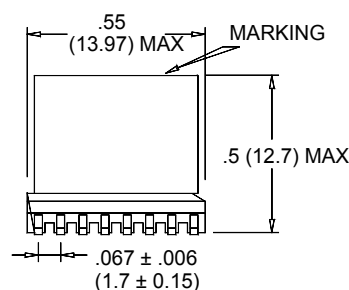
Wind Up the Best®



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- Matched to Globespan Virata CPE Café ADSL chipset-DMT Annex A/C
- Designed to meet IEC60950 supplementary insulation requirements at 250V working voltage
- Operating Temperature Range: -40°C ~ +85°C



UNIT: Inch (mm)

Specifications	MT-49051	Unit
Reflects on PRI =	100	Ohms
Reflects on TX =	5.6	Ohms
Reflects on RX =	300	Ohms
D.C. Resistance, 20°C, PRI, max TX, max RX, max	5.0 nom. 1.0 nom. 2.0 nom.	Ohms
Insertion Loss at 30KHz to 150KHz (TX) at 30KHz to 1.1MHz (RX)	0.5 nom	dB
Dielectric Test PRI-TX & RX (0.5mA)	1875	VAC
Turns Ratio (TX:RX:PRI), ±2%	1:2:4	- - -
Longitudinal Balance, 30KHz to 1104KHz (RX)	40 min.	dB
Total Harmonic Dist., 100KHz, 15Vp-p	-90 max.	dB
Inductance, 100KHz, 0.1Vrms	660-742	uHy
Interwinding Capacitance, 100KHz, 0.1Vrms	25 nom. (Pri:Tx) 25 nom. (Pri:Rx) 25 nom. (TX:Rx)	pF
Leakage Inductance, 100KHz, 0.1Vrms	25 nom. / 32 max. (PRI) 7 nom. (Rx) 3 nom. (Tx)	uHy

Specifications subject to change. Custom versions of any Minntronix Products are available upon request.

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