

Turns Ratio

1:1

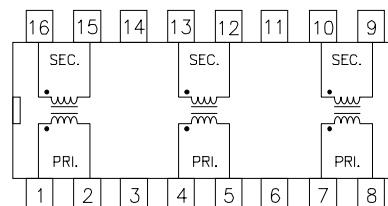
# 10BASE-T/ETHERNET ISOLATION TRANSFORMER

IEEE 802.3 and ECMA Compatible  
Fast Rise Times  
Auto-Insertable Transfer Molded DIP

Parts shipped in anti-static  
tubes. 19 pieces per tube

*Tape & Reel  
Available*

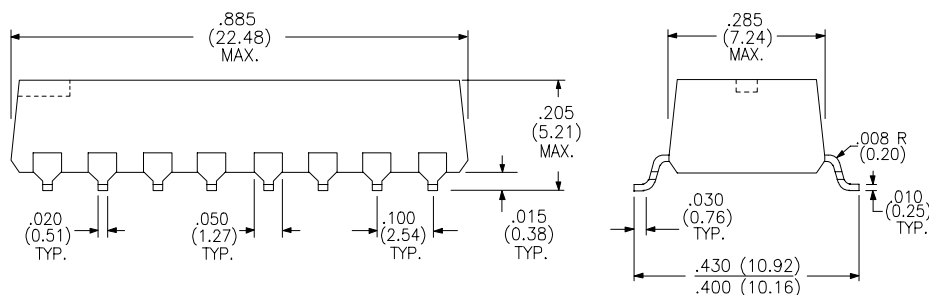
## SCHEMATIC DIAGRAM:



PARAMETER	MIN.	MAX.	UNITS
Open Circuit Inductance Oscillation Voltage = 20mV Oscillation Frequency = 100 KHz	80	120	$\mu$ Hy
Leakage Inductance Oscillation Level = 20mV Oscillation Frequency = 100.0 KHz		0.2	$\mu$ Hy
Interwinding Capacitance ( $C_{w/w}$ ) Oscillation Frequency = 100.0 KHz		10	pF
E. T	2.10		V
Common Mode Rejection (CMR) Frequency = 1.0 MHz	1K:1		
Insertion Loss Frequency = 1.0 MHz	.50		dB
Frequency = 5.0 MHz	.50		dB
Frequency = 10.0 MHz	.50		dB
Parallel Resistance	10000		ohms
Primary DC Resistance		0.020	ohms
Secondary DC Resistance		0.020	ohms
Rise Time		3.5	nS
High Potential Test	2 Kv		$V_{RMS}$

## PHYSICAL DIMENSIONS

All dimensions in inches (mm):



Rhombus P/N: **D6B11-101G**

Cust. P/N:

Name:

Date: **3/08/95**

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