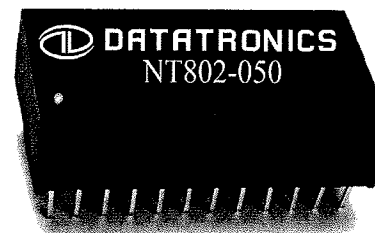


NT802-050 Token Ring Interface Module
Features

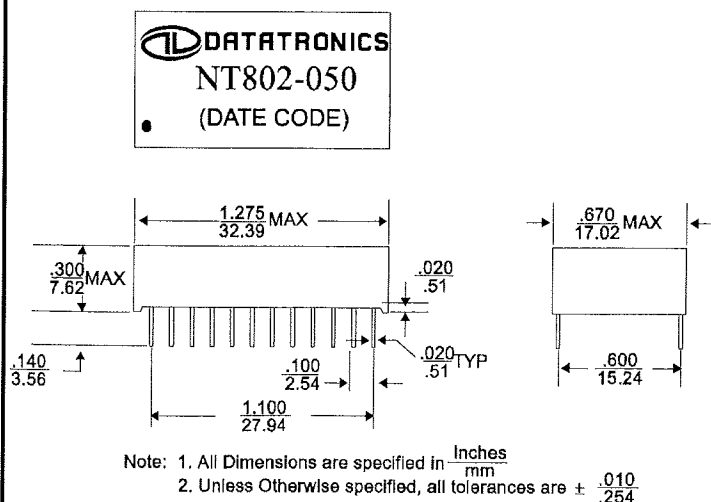
- Designed to meet IEEE 802.5 Specification
- Integrates both transmit and receive channels into one module
- Supports both STP and UTP transmission
- Industrial standard DIL package
- Supports Texas Instrument TM38054™ and most other LAN adapter Ring interface semiconductors


Electrical Specifications @25°C

Insertion loss															
(dB Max)								(dB Min)							
1MHz		4MHz		16MHz		24MHz		32MHz		36MHz		44MHz		80MHz	
TX	RX	TX	RX	TX	RX	TX	RX	TX	RX	TX	RX	TX	RX	TX	RX
0.5	0.5	0.6	0.5	1.2	0.9	2.5	1.5	7.0	-----	15.0	1.5	30.0	5.5	25.0	18.0

Return Loss (dB Min)						Common to Common Mode Rejection (dB Min)								Isolation (Vrms)	
1-6MHz		6-17MHz		17-24MHz		1MHz		10MHz		100MHz		200MHz		TX / RX	
TX	RX	TX	RX	TX	RX	TX	RX	TX	RX	TX	RX	TX	RX		
15	15	13	-----	9	10	60	35	50	25	25	20	20	15	500	

Common to Differential Mode Rejection (dB Min)								Crosstalk (dB Min)			
1MHz		10MHz		30MHz		100MHz		1MHz	10MHz	16MHz	25MHz
TX	RX	TX	RX	TX	RX	TX	RX	TX<=>RX	TX<=>RX	TX<=>RX	TX<=>RX
45	45	40	40	35	30	30	20	60	45	40	38

Mechanical Outline

Block Diagram
