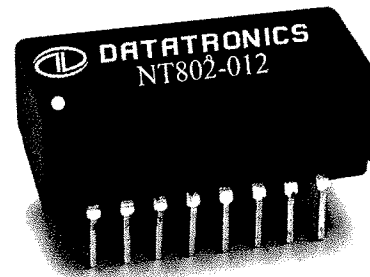


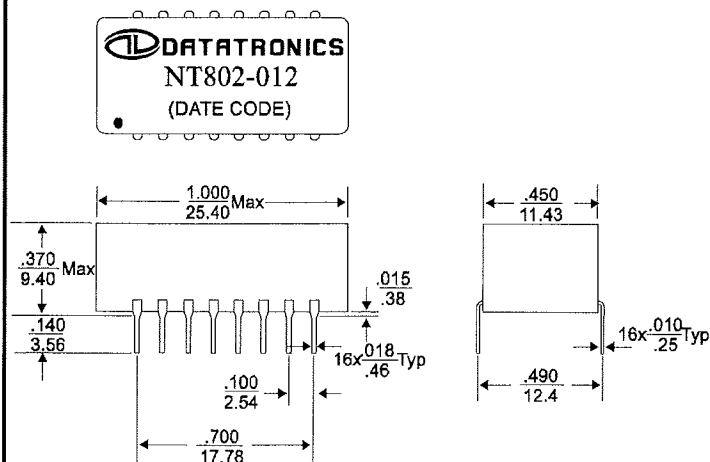
**NT802-012 Token Ring Filter Module**
**Features**

- Designed to meet IEEE 802.5 Specification
- Can be used in either transmit or receive channel over STP cable
- Supports either 4Mbps or 16Mbps transmission
- Industrial standard DIP package
- Supports Texas Instrument TM38054™ and most other LAN adapter Ring interface semiconductors


**Electrical Specifications @25°C**

Insertion loss									Isolation (Vrms)
(dB Max)				(dB Min)					
1MHz	4MHz	16MHz	24MHz	32MHz	36MHz	44MHz	55MHz	80MHz	500
0.5	0.5	0.8	1.7	7.0	25.0	30.0	20.0	25.0	

Return loss (dB Min)			Common to Common Mode Rejection (dB Min)				Common to Differential Rejection (dB Min)			
1 - 5MHz	10 -16MHz	24MHz	1MHz	20MHz	70MHz	200MHz	1MHz	10MHz	30MHz	100MHz
20	15	5	60	30	25	20	60	45	30	25

**Mechanical Outline**


Note: 1. All Dimensions are specified in  $\frac{\text{Inches}}{\text{mm}}$   
 2. Unless Otherwise specified, all tolerances are  $\pm \frac{0.01}{0.254}$

**Schematic**
