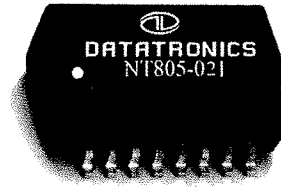
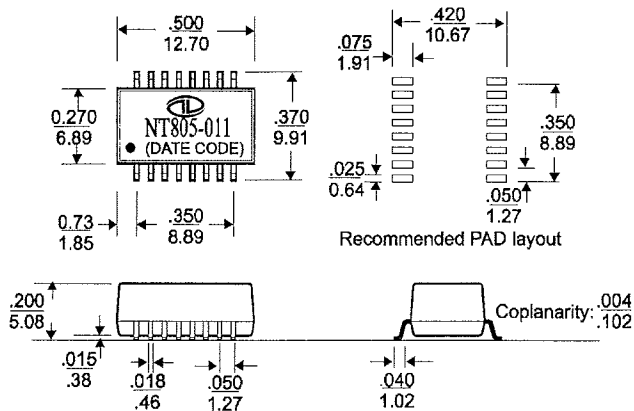


**NT805-021 High Speed Magnetics Module**
**Features**

- Designed for 100MB/s and 155MB/s transmission over UTP Category 5 and STP cable
- Designed for use in ATM, 100Base-TX and TP-FDDI applications.
- Excellent Common Mode Emission Suppression
- Transfer molded SMD package
- Supports most 100Base-TX and 155MB/s transceiver chips


**Electrical Specifications @25°C**

Insertion loss (dB Max)	Rise Time (ns Typ)	Return loss (dB Typ)		Differential to Common Mode Rejection (dB Min)			Primary Inductance @8mAdc ( $\mu$ H Min)	Isolation (Vrms)
		1-60MHz	60-100MHz	1-60MHz	60-100MHz	100-150MHz		
1-100MHz	10-90%	1-60MHz	60-100MHz	1-60MHz	60-100MHz	100-150MHz	350	1500
1.1	2.5	15	13	37	32	27		

**Mechanical Outline**


- Note: 1. All dimensions are specified in  $\frac{\text{Inches}}{\text{mm}}$   
 2. Unless other specified, all tolerance are  $\pm \frac{.010}{.254}$

**Schematic**
