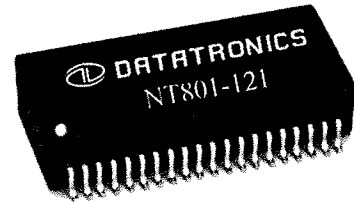
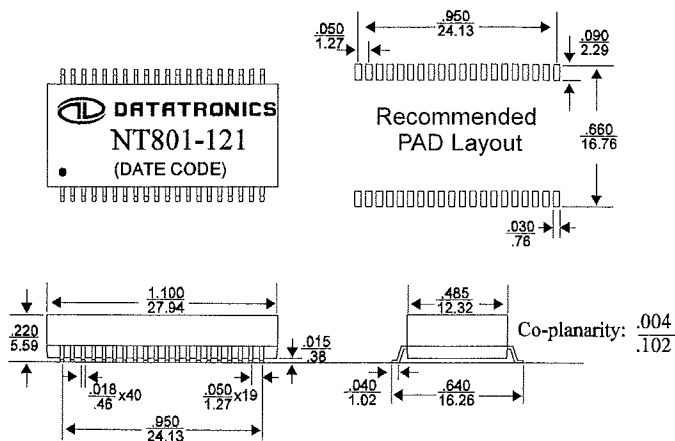


**NT801-121 10Base-T Magnetics Module**
**Features**

- Integrated module for multiport concentrators
- Transfer molded SMD package
- Integrated four transmit and receive analog interface channels in one compact module
- Pick and place compatible
- Designed to withstand infra-red reflow soldering with peak temperature of 235°C
- Supports most 10Base-T transceiver chips


**Electrical Specifications @25°C**

Insertion loss (dB Max)	Return loss (100Ω) (dB Min)	Return loss (98±13Ω) (dB Min)	Crosstalk (dB Min)	Common Mode Rejection (dB Min)				Pri - Sec Isolation (Vrms)
				5-10MHz	50MHz	100MHz	200MHz	
1-10MHz	5-10MHz	5-10MHz	5-10MHz	5-10MHz	50MHz	100MHz	200MHz	TX / RX
TX / RX	TX / RX	TX / RX	TX<=>RX	TX	TX	TX	TX	
1.0	18	15	50	40	30	20	10	1500

**Mechanical Outline**


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

**Schematic**
