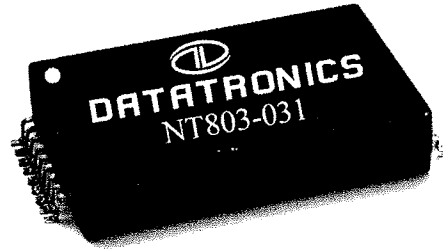


NT803-031 100VG-AnyLAN Filter Module

Features

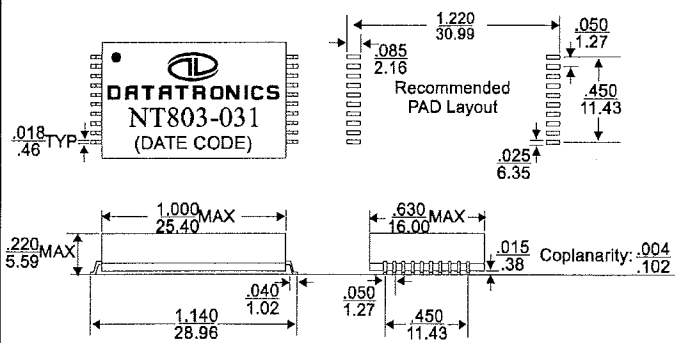
- Designed for 100MB/s transmission over UTP category 3 cable
- Designed to meet IEEE 802.12 (100VG-AnyLAN) Specification
- 2000Vrms isolation
- Integrated magnetic module for one cable port
- Transfer molded SMD package
- Pick and place compatible
- Supports AT&T ATT2X02 and most 100VG-AnyLAN transceiver chips



Electrical Specifications @25°C

Insertion loss (dB Max)	Cut-Off Frequency (MHz Typ)	Attenuation (dB Min)			Return loss (dB Min)	Common Mode Rejection Ratio (dB Min)	Crosstalk (dB Min)		Isolation (Vrms)
		30MHz	40MHz	50MHz			1 - 15MHz	15 - 30MHz	
1 - 15MHz	20.2	30MHz	40MHz	50MHz	1 - 15MHz	1 - 30MHz	1 - 15MHz	15 - 30MHz	2000
1.5		14	25	35	18	30	30	20	

Mechanical Outline



- Note: 1. All dimensions are specified in inches
mm
2. Unless otherwise specified, tolerances are $\pm .010$
 $\pm .254$

Schematic

