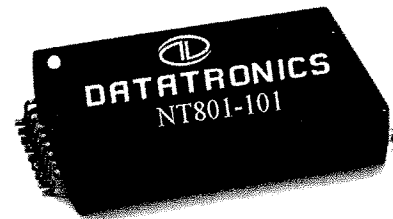


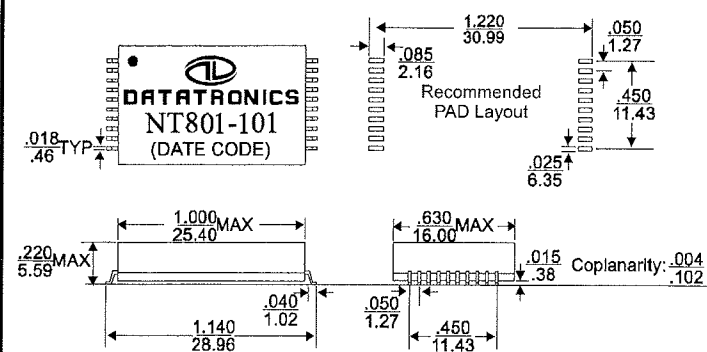
NT801-101 10Base-T Quad Filter Module
Features

- Integrated module for multiport concentrators
- Low common mode emissions
- Transfer molded SMD package
- Pick and place compatible
- Designed to withstand infra-red reflow soldering with peak temperature of 235°C


Electrical Specifications @25°C

Insertion loss (dB Max)		Cut-Off Frequency (MHz Typ)	Attenuation (dB Min)				Phase Delay (ns Max)	Phase Delay (ns Typ)
1-10MHz	15MHz		20MHz	25MHz	30MHz	40MHz	10MHz	5-10MHz
1.0	1.5	19.0	2.0	8.0	17.0	23.0	20.0	2.0

Return Loss (100Ω) (dB Min)	Crosstalk (dB Min)	Common Mode Rejection (dB Min)				HIPOT (Pri : Sec) (Vrms Min)	HIPOT (Between Channels) (Vrms Min)
5-10MHz	1-10MHz	10MHz	30MHz	100MHz	200MHz		
15	30	40	35	30	30	1500	200

Mechanical Outline


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

Schematic
