



NT801-386
10 Base-T LAN Filter with CMC for Tx channel

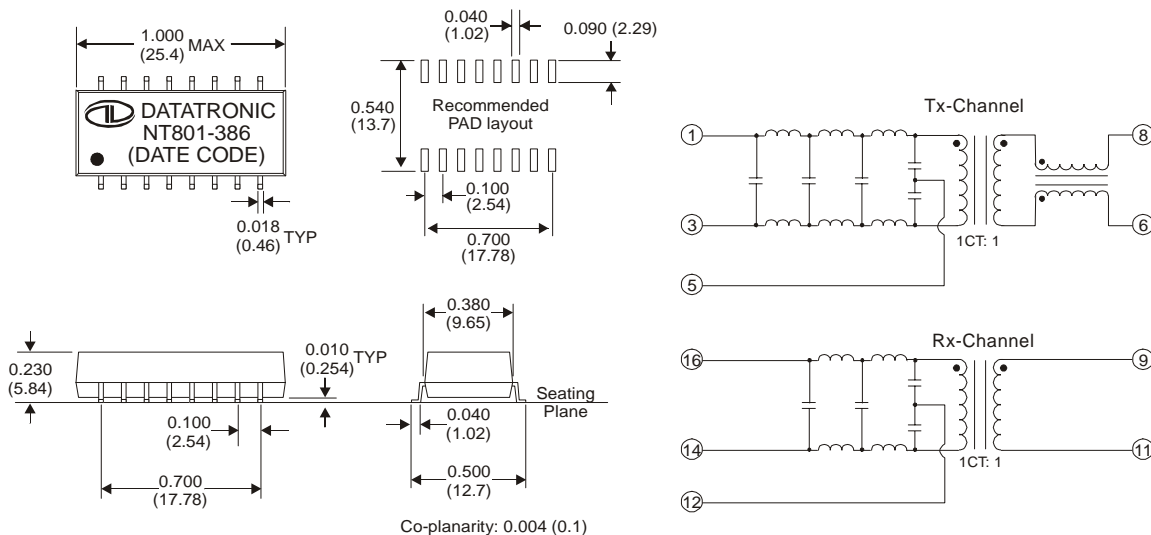
Features

- Designed to meet 802.3 10 Base-T Specification
- Low profile SMD package
- Tape & Reel Available



| Electrical Specifications at 25°C | | | |
|--|-----------------|--------------------------------|---------------------------------|
| Parameter | Specification | Measured Pins | Test Condition |
| Turns Ratio | 1CT : 1 ±5% | (1-5-3) : (8-6) | HP4284A |
| | 1CT : 1 ±5% | (16-12-14) : (9-11) | HP4284A |
| INSERTION LOSS | 1 dB MAX | Tx-Channel & Rx-Channel | HP8751A @ 1M - 10M Hz |
| 3-dB CUT-OFF FREQ. | 17 ± 1 MHz typ. | Tx-Channel & Rx-Channel | HP8751A, @ 3 d B |
| ATTENUATION | 30 dB MIN | Tx-Channel | HP8751A @ 30 MHz |
| | 27 dB MIN | Tx-Channel | HP8751A @ 40 MHz |
| | 27 dB MIN | Tx-Channel | HP8751A @ 100 MHz |
| RETURN LOSS | 18 dB MIN | Tx-Channel & Rx-Channel | HP8751A @ 5 - 10 MHz, 100 Ω |
| | 15 dB MIN | Tx-Channel & Rx-Channel | HP8751A @ 5 - 10 MHz, 98 ± 13 Ω |
| CMRR | 40 dB MIN | Tx-Channel | HP8751A @ 5 MHz |
| | 30 dB MIN | Tx-Channel | HP8751A @ 10 MHz |
| | 50 dB MIN | Tx-Channel | HP8751A @ 50 MHz |
| | 45 dB MIN | Tx-Channel | HP8751A @ 100 MHz |
| CROSSTALK | 30 dB MIN | Tx-Channel TO Rx-Channel | HP8751A @ 5 - 10 MHz |
| HIPOT | 1500 VAC | (1,3,5,12,14,16) TO (6,8,9,11) | HI-POT TESTER |

Mechanical Outlines



All dimensions are specified in inches (mm)
 Unless otherwise specified, tolerances are +/- 0.010 (0.25)
 Dimensions are exclusive of solder
 For non-RoHS parts consult factory for special part numbers.