



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

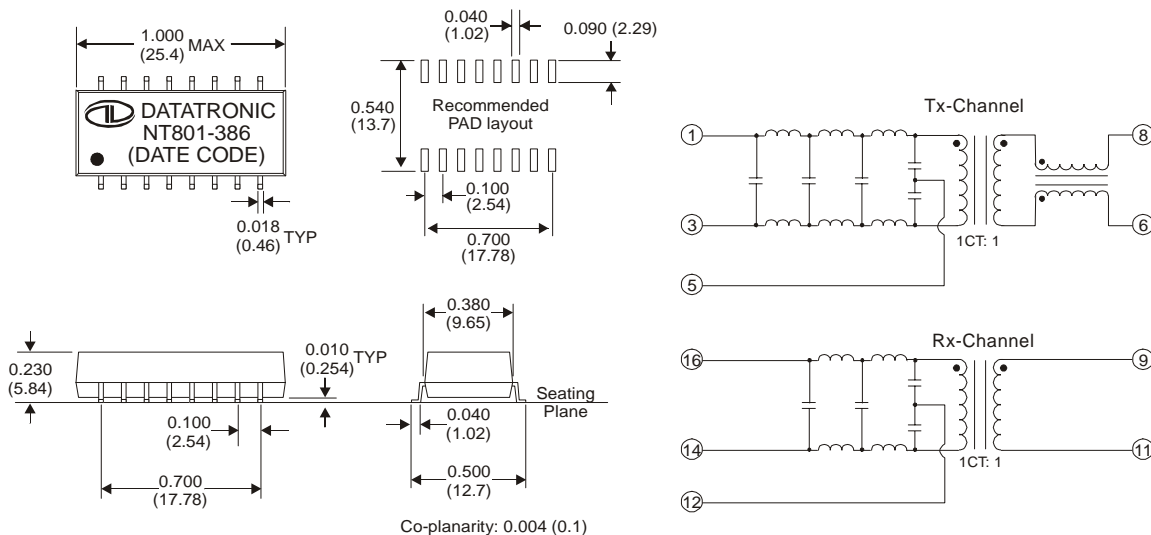
**Features**

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



<b>Electrical Specifications at 25°C</b>			
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.