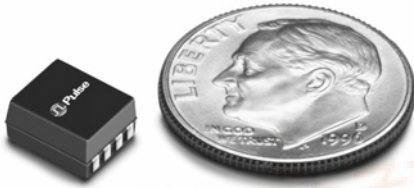





# COMMON MODE CHOKES

## For Telecom Applications, Extended Temperature Range



-  8-pin, low-profile small surface mount package
-  Optimized for radiated emissions to improve noise immunity
-  235°C peak reflow temperature rating

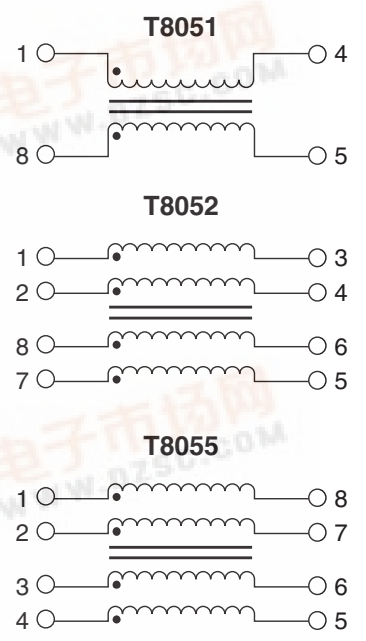
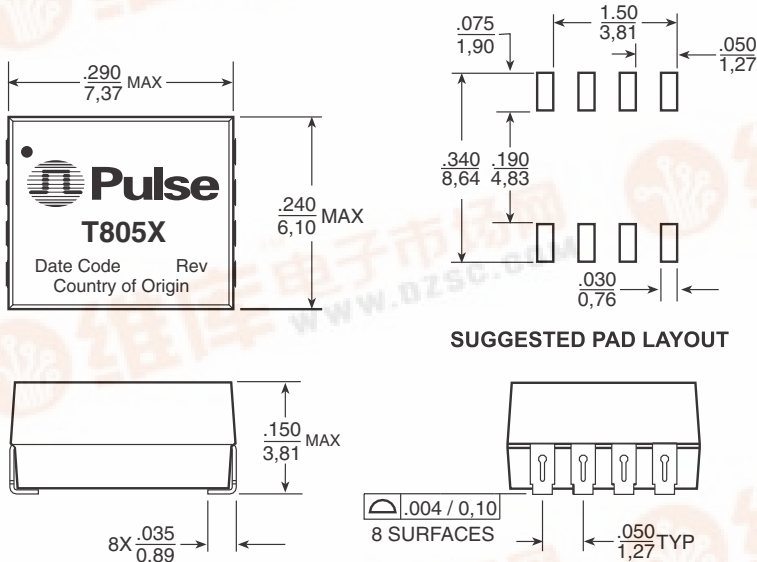
### Electrical Specifications @ 25°C — Operating Temperature -40°C to +85°C

| Part Number | Common Mode Attenuation (dB MIN) |        |         |         | Primary Inductance OCL (µH MIN) | DCR (Ω MAX) |
|-------------|----------------------------------|--------|---------|---------|---------------------------------|-------------|
|             | 1 MHz                            | 10 MHz | 100 MHz | 500 MHz |                                 |             |
| T8051       | -10                              | -15    | -12     | -5      | 35                              | .15         |
| T8052       | -10                              | -15    | -12     | -5      | 35                              | .20         |
| T8055       | -8                               | -12    | -15     | -5      | 5                               | .25         |

### Mechanical

### Schematics

#### BIE



Weight . . . . . 0.2 grams (max)  
 Tape & Reel . . . . . 1750/reel  
 Tube . . . . . .80/tube

Dimensions: Inches  
 mm  
 Unless otherwise specified,  
 all tolerances are ± .010  
 0.25

### For More Information :

| UNITED STATES (Worldwide)   | UNITED KINGDOM (Northern Europe)   | FRANCE (Southern Europe)  | SINGAPORE (Southern Asia)   | TAIWAN, R.O.C. (Northern Asia)  | HONG KONG (China/Hong Kong)   | DISTRIBUTOR |
|---|--|---|---|---|---|-------------|
| 12220 World Trade Drive<br>San Diego, CA 92128<br>U.S.A.<br>http://www.pulseeng.com<br>TEL: 858 674 8100<br>FAX: 858 674 8262 | 1 & 2 Huxley Road<br>The Surrey Research Park<br>Guildford, Surrey GU2 5RE<br>United Kingdom<br>TEL: 44 1483 401700<br>FAX: 44 1483 401701 | Zone Industrielle<br>F-39270<br>Orgelet<br>France<br>TEL: 33 3 84 35 04 04<br>FAX: 33 3 84 25 46 41 | 150 Kampong Ampat<br>#07-01/02<br>KA Centre<br>Singapore 368324<br>TEL: 65 6287 8998<br>FAX: 65 6280 0080 | 3F-4, No. 81, Sec. 1<br>HsinTai Wu Road<br>Hsi-Chih, Taipei Hsien<br>Taiwan, R.O.C.<br>Tel: 886 2 2698 0228<br>FAX: 886 2 2698 0948 | 9/F, Phase 2, Tai Sang<br>Shatin Warehouse Centre<br>6 Wong Chuk Yeung Street<br>Fotan, Shatin, Hong Kong<br>TEL: 852 2788 6588<br>FAX: 852 2776 1055 |             |

Performance warranty of products offered on this data sheet is limited to the parameters specified. Data is subject to change without notice. Other brand and product names mentioned herein may be products and/or registered trademarks of their respective owners.