




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

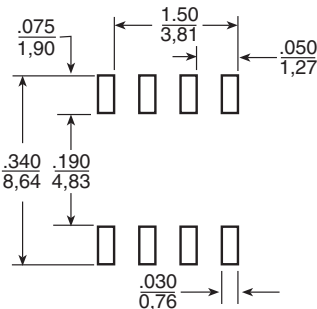
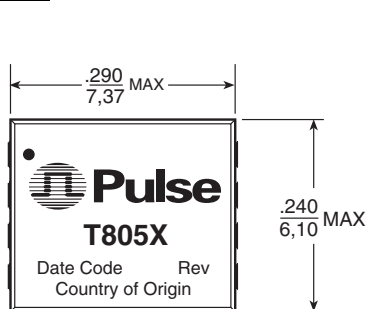
Electrical Specifications @ 25°C — Operating Temperature -40°C to +85°C

| 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 |

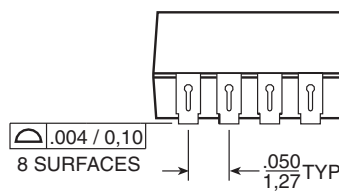
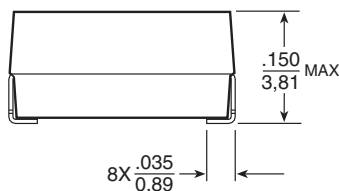
Mechanical

Schematics

BIE

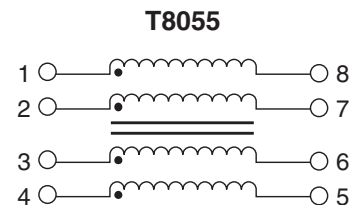
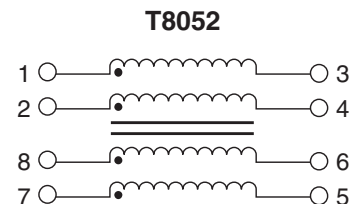
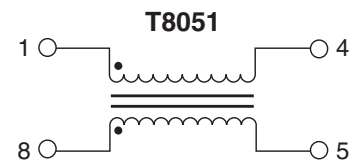


SUGGESTED PAD LAYOUT



Weight0.2 grams (max)
 Tape & Reel1750/reel
 Tube80/tube

Dimensions: Inches
 mm
 Unless otherwise specified,
 all tolerances are ± .010
 0,25



For More Information :

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