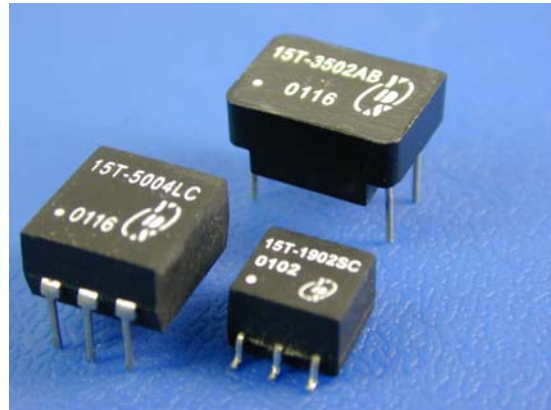



FEATURES

- Return loss meets requirements
- Fast rise time compatible with standards
- Through hole and surface mount packages available
- Models with 1500Vrms isolation and 3000Vrms reinforced insulation per BAPT EN41003/EN60950

TEST CONDITIONS

- Inductance ----- 100KHZ/100mV
- Leakage Inductance ----- 100KHZ/100mV
- Interwinding Capacitance-- 100KHZ/100mV

ELECTRICAL SPECIFICATIONS @25°C


| Part Number | Turns Ratio (±2%) | OCL. Primary (uH MIN.) | OCL AT -40°C (uH MIN) | LL (uH MAX) | CW/W (pF MAX) | Isolation Voltage (Vrms MIN) | Package Schematic | Primary Pins |
|-------------|-------------------|------------------------|-----------------------|-------------|---------------|------------------------------|-------------------|--------------|
| 15T-3502TB | 1:2CT | 35 | 20 | 0.12 | 10 | 1500 | T/B SMT | 2-6 |
| 15T-4501TA | 1:1 | 45 | 30 | 0.12 | 13 | 1500 | T/A SMT | 2-6 |
| 15T-4001QA | 1:1 | 40 | 30 | 0.12 | 13 | 1500 | Q/A THT | 2-6 |
| 15T-3502QB | 1:2CT | 35 | 20 | 0.12 | 10 | 1500 | Q/B THT | 2-6 |
| 15T-1513QB | 1:4CT | 150 | - | 0.30 | 15 | 1500 | Q/B THT | 2-6 |
| 15T-5004LC | 1:1.73CT | 50 | - | 0.10 | 12 | 1500 | L/C THT | 4-6 |
| 15T-4001LE | 1:1 | 40 | - | 0.10 | 10 | 1500 | L/E THT | 4-6 |
| 15T-4001SE | 1:1 | 40 | - | 0.10 | 10 | 1500 | S/E SMT | 4-6 |
| 15T-1902SC | 1:2CT | 19 | - | 0.06 | 10 | 1500 | S/C SMT | 4-6 |
| 15T-1902LC | 1:2CT | 19 | - | 0.06 | 10 | 1500 | L/C THT | 4-6 |
| 15T-4001HA | 1:1 | 40 | - | 0.10 | 5 | 3000 | H/A THT | 1-5 |
| 15T-1902HD | 1:2CT | 19 | - | 0.06 | 10 | 3000 | H/D THT | 1-5 |

ELECTRICAL SPECIFICATIONS @25°C—Operating Temperature -40°C to +85°C

| Part Number | Turns Ratio (±2%) | OCL. Primary (uH MIN.) | OCL AT -40°C (uH MIN) | LL (uH MAX) | CW/W (pF MAX) | Isolation Voltage (Vrms MIN) | Package Schematic | Primary Pins |
|-------------|-------------------|------------------------|-----------------------|-------------|---------------|------------------------------|-------------------|--------------|
| 15T-1011XE | 1:1 | 100 | 40 | 0.110 | 10 | 1500 | X/E SMT | 1-3 |
| 15T-4002XC | 1:2CT | 40 | 19 | 0.110 | 12 | 1500 | X/C SMT | 4-6 |
| 15T-1011SE | 1:1 | 100 | 40 | 0.110 | 10 | 1500 | S/E SMT | 4-6 |
| 15T-4002SC | 1:2CT | 40 | 19 | 0.110 | 12 | 1500 | S/C SMT | 4-6 |
| 15T-4003XF | 1CT:1CT | 40 | 19 | 0.100 | 10 | 1500 | X/F SMT | 1-5 |
| 15T-4004XC | 1:1.155CT | 40 | 20 | 0.150 | 12 | 1500 | X/C SMT | 4-6 |

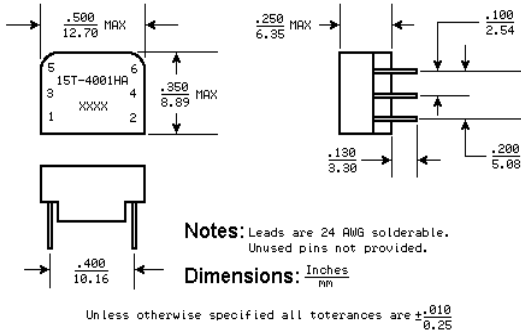
ELECTRICAL SPECIFICATIONS @25°C

| Part Number | Turns Ratio (±5%) | OCL Primary (mH MIN.) | CW/W PF MAX | LL uH MAX | DCR Pri (Ω MAX) | DCR Sec (Ω MAX) | Isolation Voltage (Vrms MIN) | Package Schematic | Primary Pins |
|-------------|-------------------|-----------------------|-------------|-----------|-----------------|-----------------|------------------------------|-------------------|--------------|
| 15T-1221HC | 1:1 | 1.20 | 25 | 0.50 | 0.70 | 0.70 | 1500 | H/C THT | 1-2 |

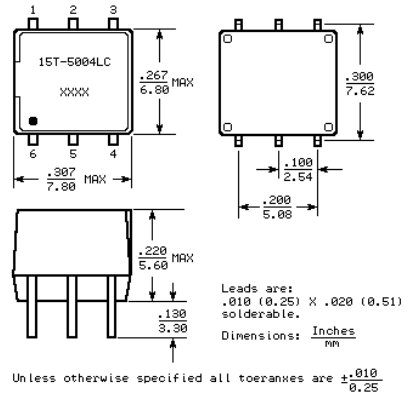


Mechanicals

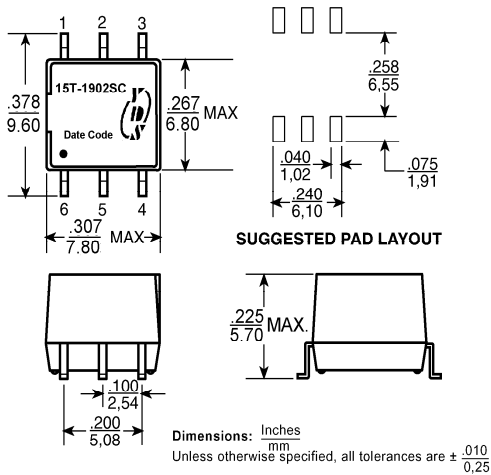
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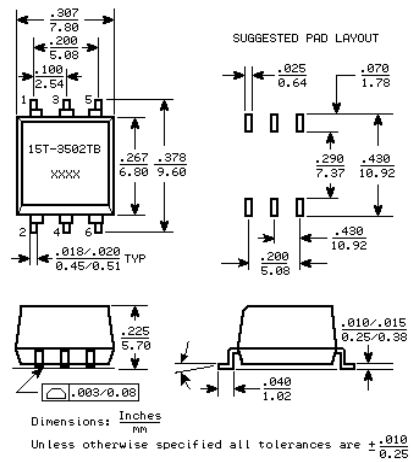
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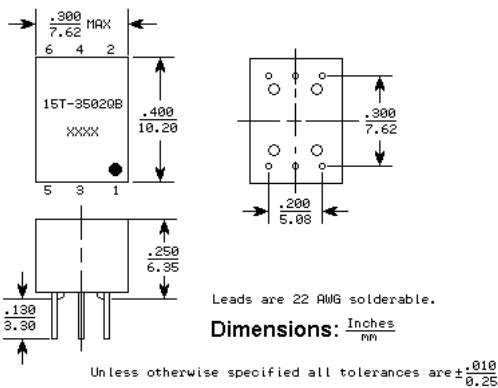
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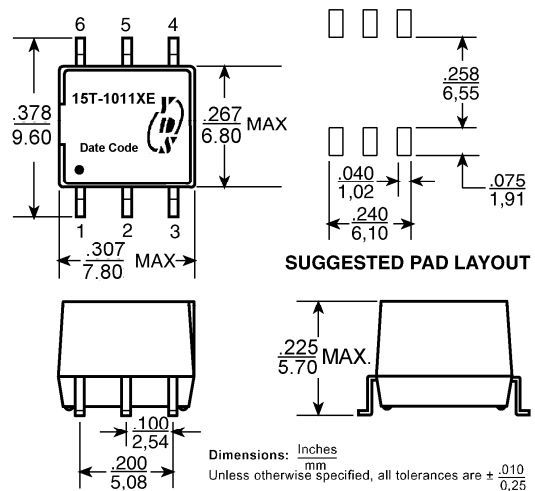
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Q



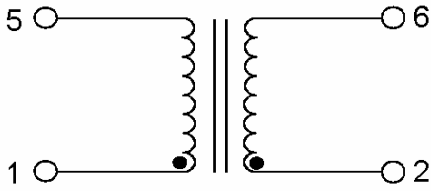
X



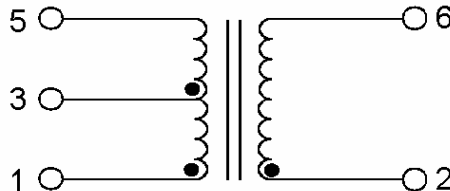


Schematics

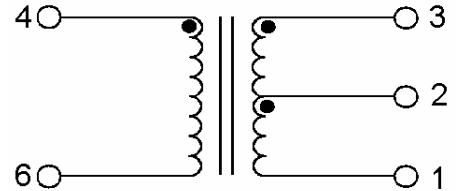
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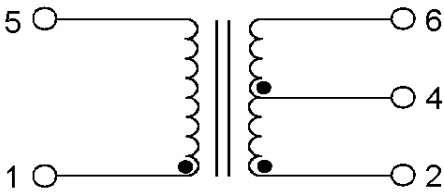
B



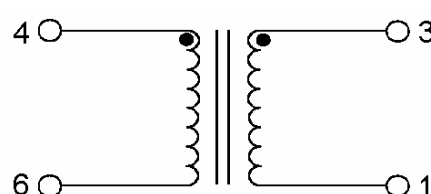
C



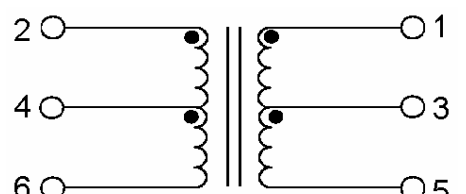
D



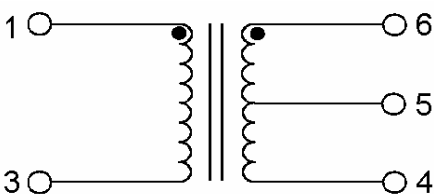
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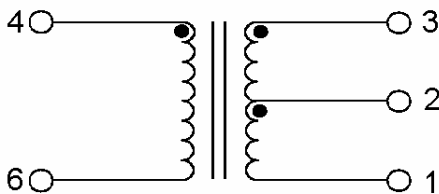
F



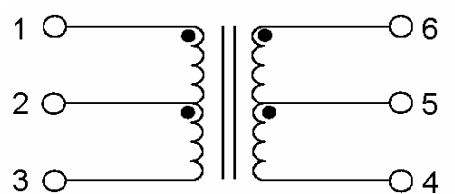
K



L



M



Part Number: 15T - 350 2 T B NL
 A B C D E F

A:Series
 B:Inductance
 C:Sequence id
 D:Appearance
 E:Schematic
 F:RoHS Version