

## FEATURES:

- Meet the pulse waveform template of CCITT I.430 when recommended transformer and chip pair is used
- Excellent longitudinal balance
- 2KVrms voltage isolation
- Recognized by UL 1950

## TEST CONDITIONS:

- Inductance -----10KHZ/200mV
- Leakage Inductance -----100KHZ/1V
- Interwinding Capacitance --1MHZ/1V



YUAN DEAN SCIENTIFIC



ISDN-S0 Interface  
Isolation  
Transformers  
**40T SERIES**  
2KVrms Isolation



## ELECTRICAL SPECIFICATIONS@25°C-Operating temperature 0°C TO 70°C

| Part Number | Ratio (±2%) | OCL Pri. (mH min.) | LL Sec. (uH max.) | CW/W (pf max.) | CD Pri. (pf max.) | DCR Pri. (Ω±15%) | DCR Sec. (Ω±15%) | ΔIdc (mA max.) |
|-------------|-------------|--------------------|-------------------|----------------|-------------------|------------------|------------------|----------------|
| 40T-2231ANL | 1CT:1CT     | 22                 | 5                 | 100            | 40                | 2.4              | 2.4              | 1              |
| 40T-2232BNL | 1CT:1.8CS   | 22                 | 15                | 100            | 140               | 2.5              | 4.2              | 1              |
| 40T-2233ANL | 1CT:2CT     | 22                 | 15                | 100            | 80                | 2.3              | 4.0              | 1              |
| 40T-2234BNL | 1CT:2.5CS   | 22                 | 20                | 100            | 290               | 2.5              | 5.8              | 1              |
| 40T-2235CNL | 1CS:2.5CS   | 22                 | 15-40             | 100            | 290               | 2.5              | 5.8              | 1              |
| 40T-2236ANL | 1CT:2CT     | 22                 | 11                | 100            | 180               | 2.5              | 5.0              | 1              |

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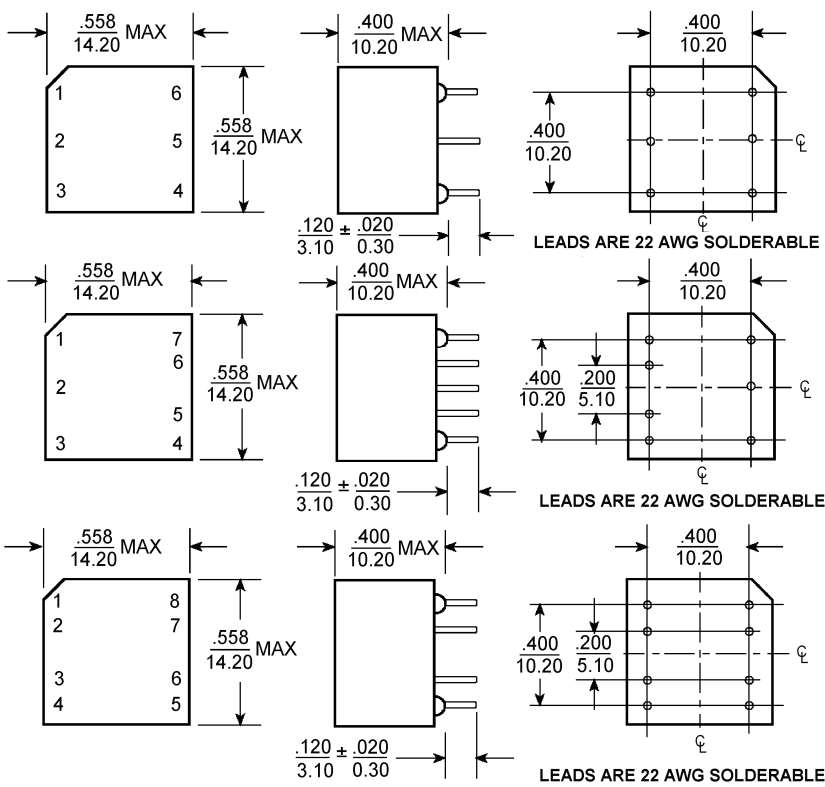
Rev: 1 2018/11/13

Part Number

|     |   |     |   |   |    |
|-----|---|-----|---|---|----|
| 40T | - | 223 | 1 | A | NL |
| A   |   | B   | C | D | E  |

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

Mechanicals and Dimensions



Dimensions: inches/mm  
Unless otherwise specified, all tolerances are  $\pm.010/\pm0.25$

Schematics

