

## ELECTRICAL SPECIFICATIONS

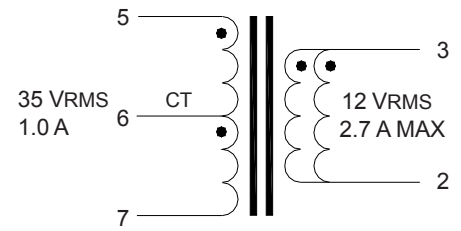
| T/R & Ø | - Winding  | Turns Ratio ±3% | DCR Ω ±15% |
|---------|------------|-----------------|------------|
| DCR     | (5-7) ref. | 1.000           | .500       |
|         | (5-6)      | .500 Ø          | .250       |
|         | (3-2)      | .183 Ø          | .044       |

L (5-6) or (6-7) - 2.5 mH at 100 mVRMS, 1 kHz.

SCL (5-6) or (6-7) - 2 µH TYP at 100 mVRMS, 1 MHz with 3&2 shorted.

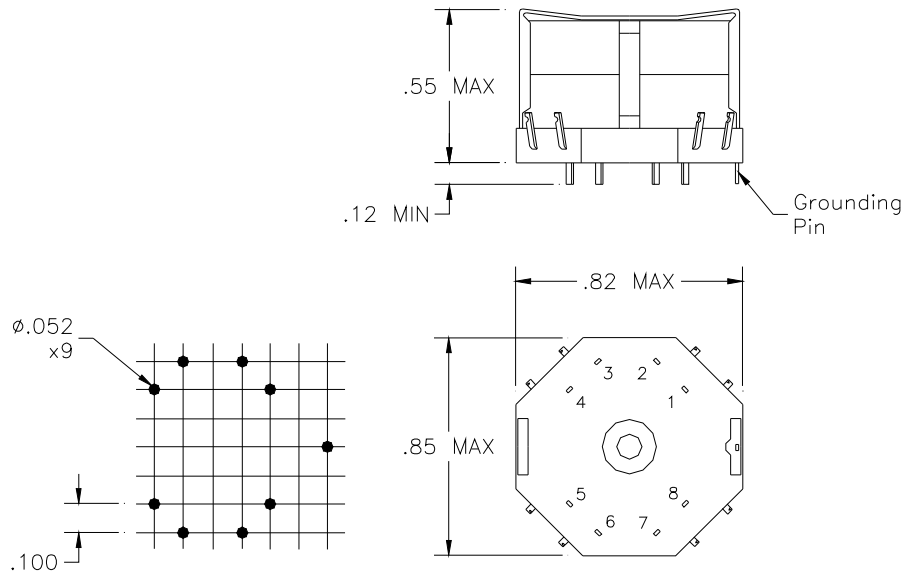
C - 50 pF TYP at 5 VRMS, 100 kHz measured from (5-6) or (6-7)-to-(3-2).

Dielectric Strength - 500 Vdc, 5 µA MAX leakage from 5-to-3.



Schematic Diagram

## MECHANICAL SPECIFICATIONS



Bottom View

|       |       |          |                              |                                                                                                   |       |           |      |                 |
|-------|-------|----------|------------------------------|---------------------------------------------------------------------------------------------------|-------|-----------|------|-----------------|
|       | INIT. | DATE     | CAGE<br>09349                | <b>MAGNETIC CIRCUIT ELEMENTS INC.</b><br>www.MCEmagnetics.com, ph. 831-757-8752, fax 831-757-5478 |       |           |      |                 |
| PROD. | JAP   | 12-13-12 |                              | <b>PUSH-PULL TRANSFORMER, 20 - 200 kHz</b>                                                        |       |           |      |                 |
| ENG.  | JC    | 12-13-12 | TEST CONDITION<br>20° ± 5° C | DECIMALS (IN.)                                                                                    | VOLTS | FREQUENCY | SIZE | DWG. NO.        |
| Q.A.  | CP    | 12-13-12 |                              | .XX = ± .03                                                                                       | ±5%   | ±5%       | A    | <b>O-1975T5</b> |
| REV.  |       |          |                              | .XXX = ± .010                                                                                     |       |           |      |                 |