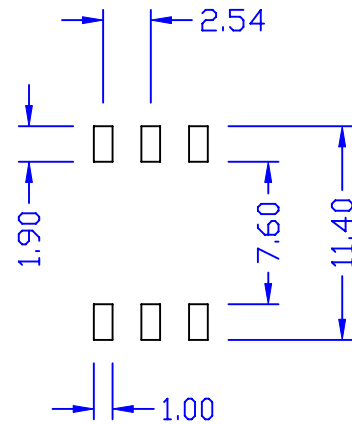
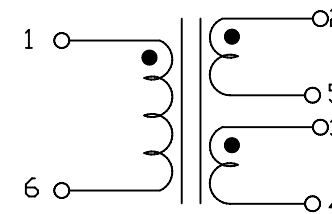
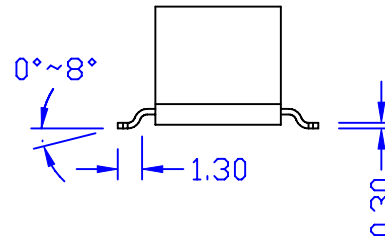
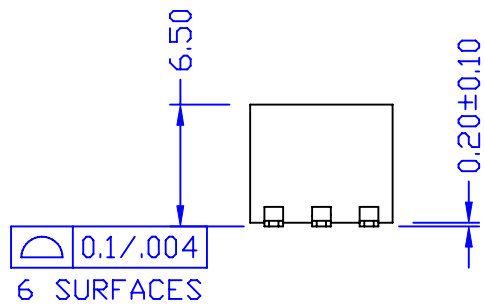
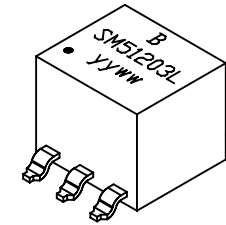
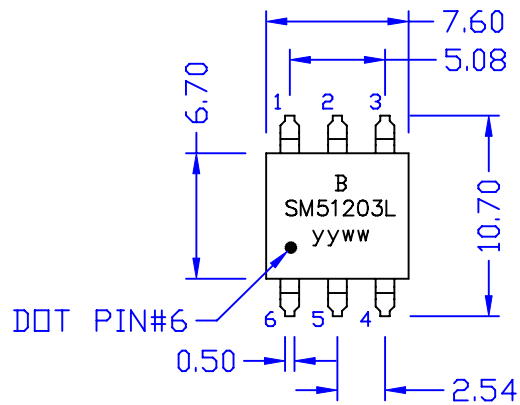




SUGGESTED PAD LAYOUT

## ELECTRICAL CHARACTERISTICS :

### 1.TURNS RATIO :

$$1-6 : 2-5 = 1 : 2 \pm 5\%$$

$$1-6 : 3-4 = 1 : 1.58 \pm 5\%$$

$$2. \square CL @ 100KHZ, 0.05V : 1-6 = 1.5mH \text{ MIN.}$$

$$3. D.C.R : 2-5 = 1.0 \square HM \text{ MAX.}$$

$$4. Cw/w @ 100KHZ, 0.05V : 1-2 = 2-3(1-6, 3-4, 2-5 \text{ SHORT}) = 40pF \text{ MAX.}$$

$$5. LK @ 100KHZ, 0.05V : 2-5(1-6, 3-4 \text{ SHORT}) = 1.0\mu H \text{ MAX.}$$

$$6. \text{ IMPEDANCE RATIO} = 1-6 : 2-5 = 30 \square HM : 110 \square HM$$

$$1-6 : 3-4 = 30 \square HM : 75 \square HM$$

### 7. RoHS COMPLAINT

|           |             |            |      |        |        |                                      |        |                      |
|-----------|-------------|------------|------|--------|--------|--------------------------------------|--------|----------------------|
|           |             |            |      |        |        | <b>Bourns Inductive<br/>Solution</b> |        | TITLE<br>TRANSFORMER |
|           |             |            |      |        |        |                                      |        | DWG. NO.<br>SM51203L |
|           |             |            |      |        |        |                                      |        |                      |
|           | RELEASE     | 03/22/2007 | PAIR | EUGENE | EUGENE | UNITS:<br>M/M                        | SAFETY | SHEET 1 OF 1         |
| NO.       | DESCRIPTION | DATE       | BY   | CHK    | APPD   | DATE                                 | P/N:   | DRAW<br><i>Pair</i>  |
| REVISIONS |             |            |      |        |        | 03/22/07                             |        |                      |

UNLESS OTHERWISE SPECIFIED ALL TOLERANCES ARE  $\pm 0.25$