

**SCHEMATIC & DIMENSION**

**INDEX**

**G11**

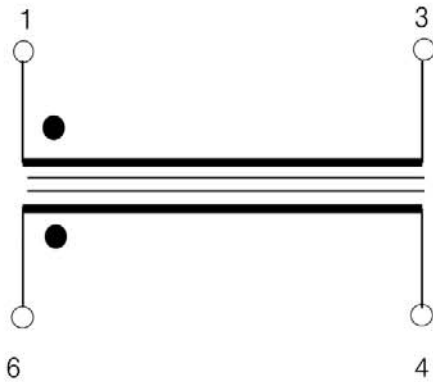
**ITEM**

**SM ST-63SC**

**DATE**

**2001. 04. 10.**

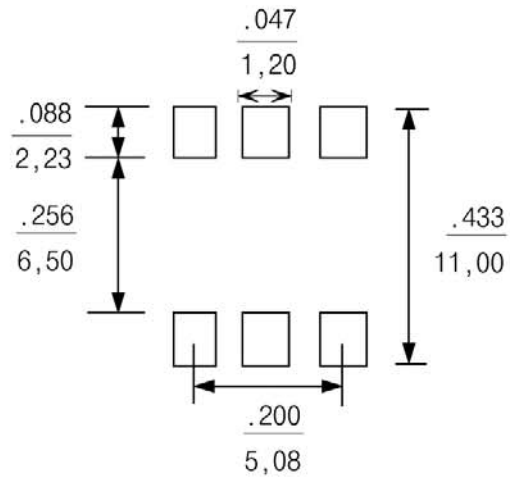
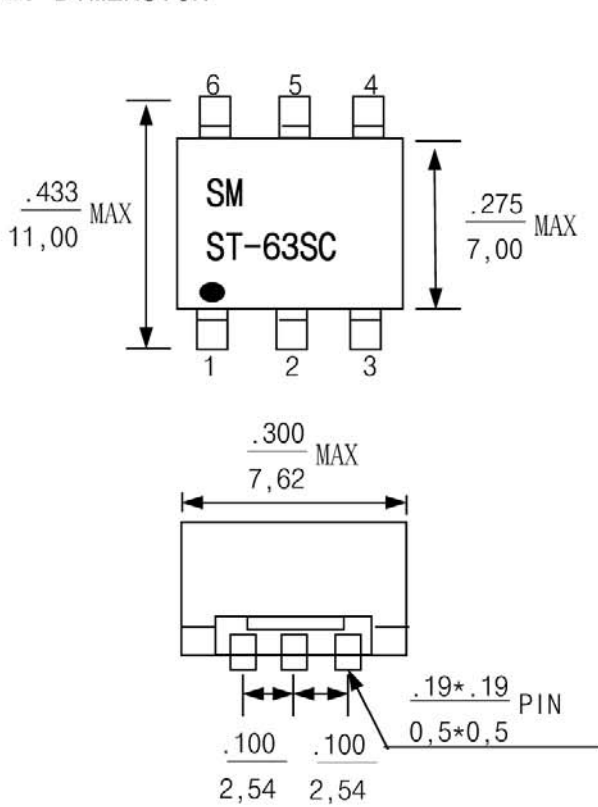
**1-1. SCHEMATIC**



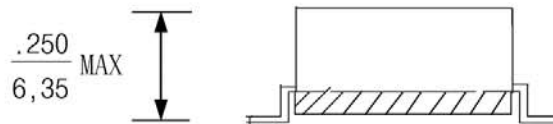
TURN RATIO

1-3 : 4-6 = 1 : 1

**1-2. DIMENSION**



SUGGESTED PAD LAYOUT



Dimensions:  $\frac{\text{Inches}}{\text{mm}}$

Unless otherwise specified, all tolerance are  $\pm \frac{.010}{0,25}$

**1-3. ELECTRIC FEATURE**

|                 |   |                                   |                                      |
|-----------------|---|-----------------------------------|--------------------------------------|
| SM ST-63SC      | 1 INDUCTANCE(Lp)<br>f=10KHz, 0.5V                 | 1 INDUCTANCE(Ls)<br>f=10KHz, 0.5V | LEAK INDUCTANCE(LK)<br>f=10MHz, 0.5V |
| STANDARDS       | MIN 450 $\mu$ H                                   | MIN 450 $\mu$ H                   | MAX 0.3 $\mu$ H                      |
| PIN MEASUREMENT | 1-3   | 4-6                               | 1-3(6-4 SHORT)                       |
| SM ST-63SC      | ELECTRICITY FAILED CAPACITY (Cw)<br>f=10MHz, 0.5V | 1 RESISTANCE(Rp)                  | 2 RESISTANCE(Rs)                     |
| STANDARDS       | MAX 60 pF   | MAX 0.3 $\Omega$                  | MAX 0.3 $\Omega$                     |
| PIN MEASUREMENT | 1-6   | 1-3                               | 6-4                                  |