

**VARIABLE INDUCTOR COIL
VERTICAL MOUNT PC STYLE
(NONMAGNETIC)**
PATENT No. 8,248,198

FILE: AIROUT

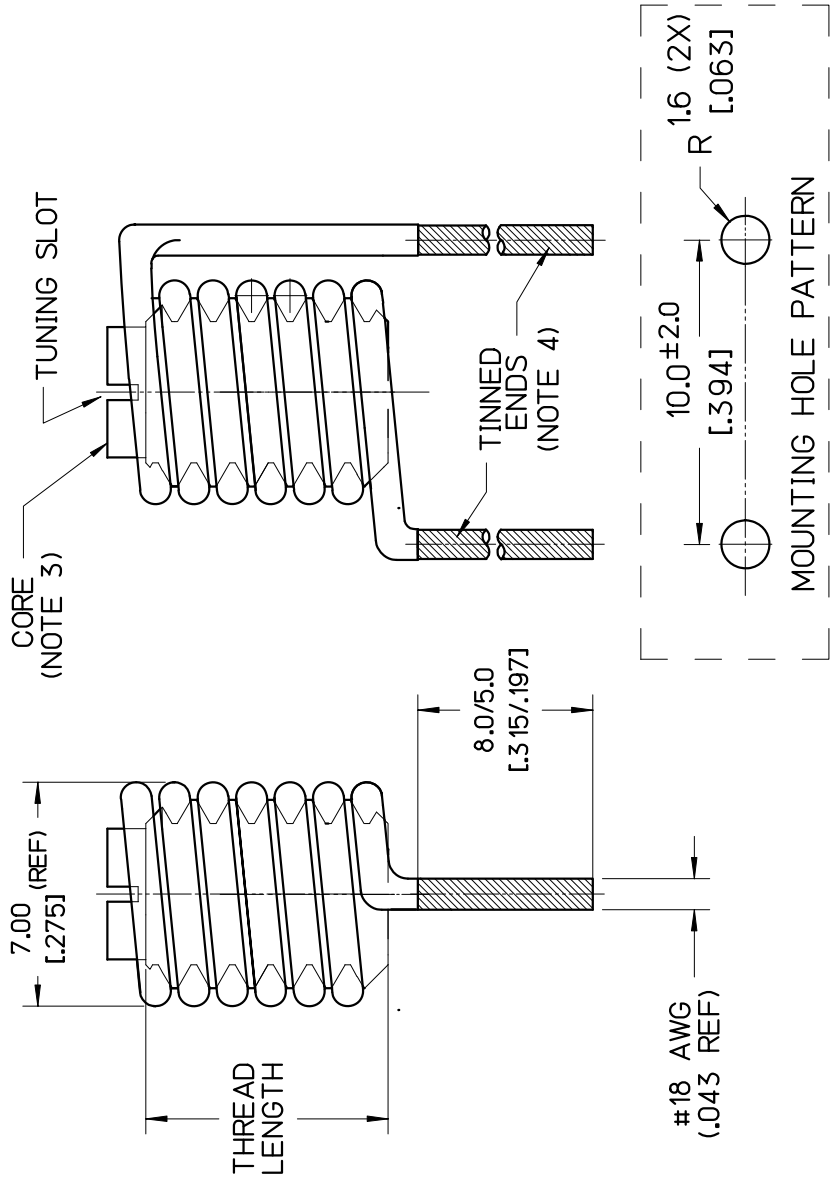
- NOTES:
- a. DIMENSIONS: mm

b. DIMENSIONS: [Inches] FOR REFERENCE
 - COIL :

 - MATERIAL: COPPER ALLOY (COATED)
 - COATING ABLE TO WITHSTAND 275°C FOR 100 HOURS AS PER NEMA "CLASS 200". (REF: ASTM D2307)
 - CORE :

 - MATERIAL: PTFE / COPPER ALLOY
 - SELF-RESONANT FREQUENCY (SRF): MEASURED WITH THE CORE FULLY ENGAGED AS DEPICTED
 - L MIN MEASURED: CORE FULLY ENGAGED INTO WINDINGS.
 - L MAX MEASURED: CORE ENGAGED A SINGLE TURN.
 - TINNING :

 - MATERIAL: RoHS COMPLIANT "SAC" ALLOY



| JMC P/N | READINGS: AGILENT/8358-A METER | | | | | | | THD LGTH mm (in) |
|----------------|--------------------------------|-----|-----|-----------|-------|-----------------|-------|------------------|
| | L (nH) | | Q | SRF (GHZ) | TURNS | SRF (@ 100 MHz) | TURNS | |
| | MIN | MAX | | | | | | |
| JLC02E030TRVPC | 32 | 33 | 34 | 39 | 90 | 1.2 | 2 | 6(.236) |
| JLC03E048TRVPC | 46 | 49 | 52 | 59 | 95 | 1.0 | 3 | 6(.236) |
| JLC04E065TRVPC | 60 | 64 | 68 | 78 | 101 | 0.9 | 4 | 6(.236) |
| JLC05E088TRVPC | 74 | 81 | 87 | 99 | 114 | 0.9 | 5 | 8(.315) |
| JLC06E110TRVPC | 94 | 107 | 119 | 123 | 119 | 0.7 | 6 | 8(.315) |
| JLC07E130TRVPC | 104 | 118 | 133 | 142 | 121 | 0.7 | 7 | 10(.394) |

| LEVEL | DATE | DRN. | CHK. | APP. | ECN |
|-------|----------|------|------|------|--------|
| E | 01/10/14 | SSH | MAI | MAI | 001198 |
| D | 8/28/12 | BFH | MAI | MAI | 001102 |
| C | 8/7/12 | RJV | - | - | 001096 |

| REVISIONS | | | | | |
|-----------|--------|--------|--------|--------|---------------------------|
| DRN. | CHK. | RJV | APP. | MAI | SCALE |
| DATE | DATE | DATE | DATE | DATE | NONE |
| 8/7/12 | 8/7/12 | 8/9/12 | 8/9/12 | 8/9/12 | .XX ± .762 .XXX ± .254 |