

PATENT PENDING

MI DRG. NO.

JLCXXEYYYTRSM

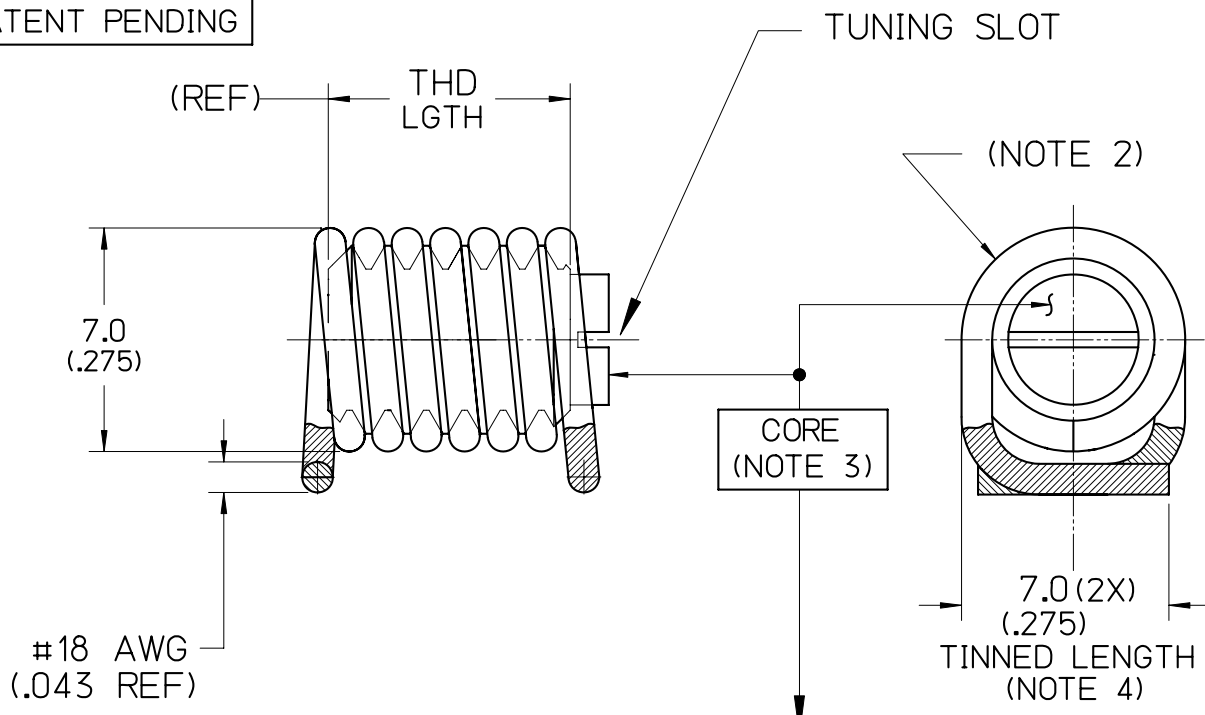
REV.

JLCXXEYYYTRSM

E

**VARIABLE INDUCTOR COIL
(NONMAGNETIC)**

FILE: AIROUT



NOTES:

1. a. DIMENSIONS: mm
b. DIMENSIONS: (inches) FOR REFERENCE ONLY
2. COIL :
a. MATERIAL:
COPPER ALLOY (COATED)
b. TEMP RANGE: UP TO 200°C
3. CORE :
a. MATERIAL:
PTFE / COPPER ALLOY
b. SELF-RESONANT FREQUENCY (SRF) IS MEASURED WITH THE CORE) FULLY ENGAGED AS DEPICTED
c. L MIN MEASURED WITH CORE ENGAGING FULL WINDINGS. L MAX MEASURED WITH CORE ENGAGING A SINGLE TURN.
4. TINNING :
a. MATERIAL:
RoHS COMPLIANT "SAC" ALLOY

| JMC P/N | L (nH) | | | | Q (@ 100 MHz) | SRF (GHz) | TURNS | THD LGTH mm (in) |
|---------------|--------|-----|-----|---------|---------------|-----------|-------|------------------|
| | MIN | NOM | MAX | NO CORE | | | | |
| JLC02E030TRSM | 32 | 33 | 34 | 39 | 90 | 1.2 | 2 | 6(.236) |
| JLC03E048TRSM | 46 | 49 | 52 | 59 | 95 | 1.0 | 3 | 6(.236) |
| JLC04E065TRSM | 60 | 64 | 68 | 78 | 101 | 0.9 | 4 | 6(.236) |
| JLC05E088TRSM | 74 | 81 | 87 | 99 | 114 | 0.9 | 5 | 8(.315) |
| JLC06E110TRSM | 94 | 107 | 119 | 123 | 119 | 0.7 | 6 | 8(.315) |
| JLC07E130TRSM | 104 | 118 | 133 | 142 | 121 | 0.7 | 7 | 10(.394) |

READINGS TAKEN ON AGILENT/8358-A METER.

| | | | | | |
|-------|----------|------|------|------|--------|
| E | 02/19/10 | SAF | SAF | MAI | 000817 |
| D | 09/08/09 | SDJ | SDJ | MAI | 000787 |
| LEVEL | DATE | DRN. | CHK. | APP. | ECN |

REVISIONS

| | | | |
|----------|----------|----------|-------------|
| DRN. | CHK. | APP. | SCALE |
| MAI | MAI | MAI | NONE |
| DATE | DATE | DATE | .XX ± .762 |
| 03/19/09 | 03/19/09 | 03/19/09 | .XXX ± .254 |



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ELECTRONIC ACCURACY THROUGH MECHANICAL PRECISION

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