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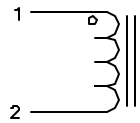
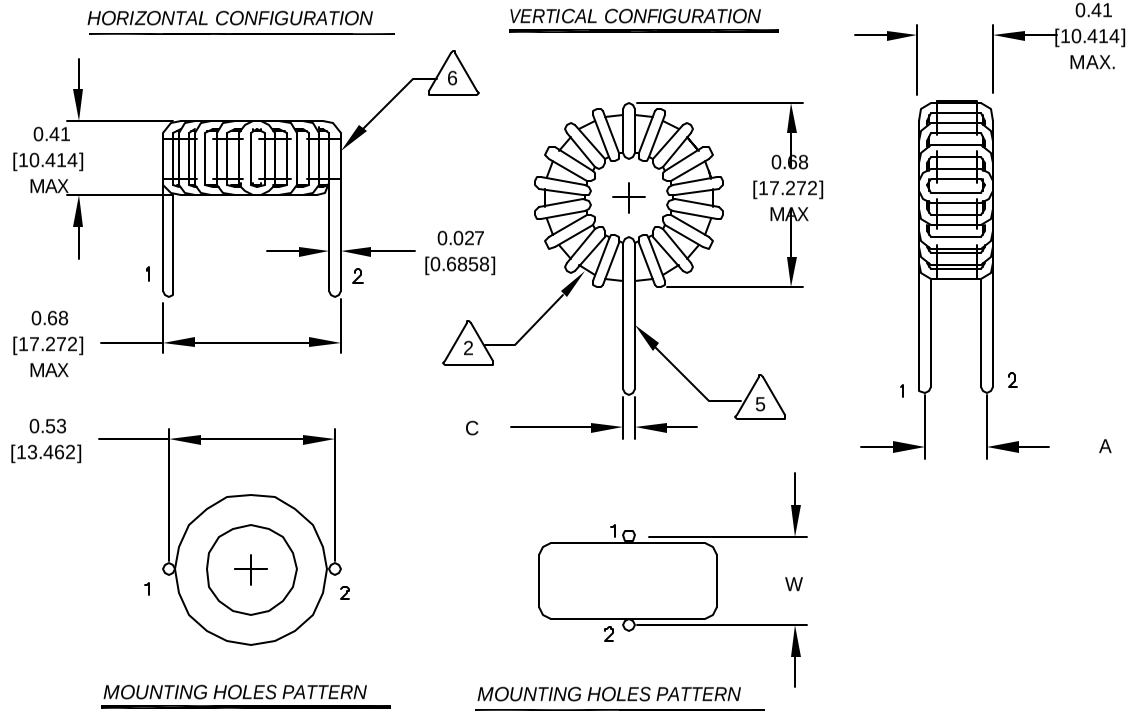
REVISION HISTORY

| REV | ECN | DESCRIPTION | SIGN & DATE BY | DATE | CHK | DATE |
|---|---|---|---|---|---|---|
| A | | PRODUCTION RELEASE | RPR | 6/08/04 | JLAU | 6/08/04 |




SCHEMATIC




MOUNTING HOLES PATTERN

MOUNTING HOLES PATTERN

6 WHERE SHOWN, USING A PERMANENT MARKING METHOD IF APPLICABLE, MARK PART NUMBER AND REVISION

5 FLUSH WITH THE COIL EDGE, AS SHOWN
REMOVE INSULATION AND TIN LEADS APPROX. 0.25 INCH

4 WIND WIRE TO CORE EVENLY SPACED
CONSTRUCTION:

HI-POT TEST FOR WIRE TO CORE = 500 VDC
INDUCTANCE @ ± 15% RATED CURRENT = 20.4 uH
DC CURRENT RATING = 4.1 AMPS MAX
DCR = 39.0 MILLI-OHMS, MAX
INDUCTANCE @ 0 AMPS = 27.0 uH, ± 15% , 1 KHz., 0.25 Vrms

3 SPECIFICATIONS @ 25 °C

2 WIRE: UL RECOGNIZED 130°C RATED MAGNET WIRE
CORE: COATED MICROMETAL IRON POWDER

CORE COATING RATING CLASS B (130°) REQUIRED

1 MATERIAL: UL RECOGNIZED 94V-0 FOR FLAMMABILITY

NOTES: UNLESS OTHERWISE SPECIFIED. TOROIDAL INDUCTOR

| | CODE IDENT | MFG. P/N | DESCRIPTION | ITEM NO. |
|---|---|---|---|---|

PARTS LIST

UNLESS OTHERWISE SPECIFIED
DIMENSIONING AND TOLERANCE PER ANSI Y14.5M
ALL DIMENSIONS ARE IN INCHES AND [MILIMETERS].
TOLERANCE INCHES: .XXX=±.005 .XX=±.015 ∠=±0°30'
TOLERANCE METRICS: .XXX=±.127 .XX=±.38 ∠=±0°30'
ANGLE PROJECTION
DO NOT SCALE DRAWING

| | | SIGN | DATE |
|---|---|---|---|
| AUTOCAD | X | | |
| SOLIDWORKS | | | |
| DRAWN | RPR | | 6/08/04 |
| CHECKED | JLAU | | 6/08/04 |
| ENGR. | KSUN | | 6/08/04 |
| APPR. | JLAU | | 6/08/04 |

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WWW.coilws.com

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1510 E. Edinger Ave.
Unit B, Santa Ana, CA. 92705

TITLE: High Current Toroidal Inductors Vertical & Horizontal

SIZE B | DWG. NO. J20-270H | REV A

SCALE 2=1 | SHEET 1 OF 1

EP FORM0005 REV 3 10/01

CAD-FILE: