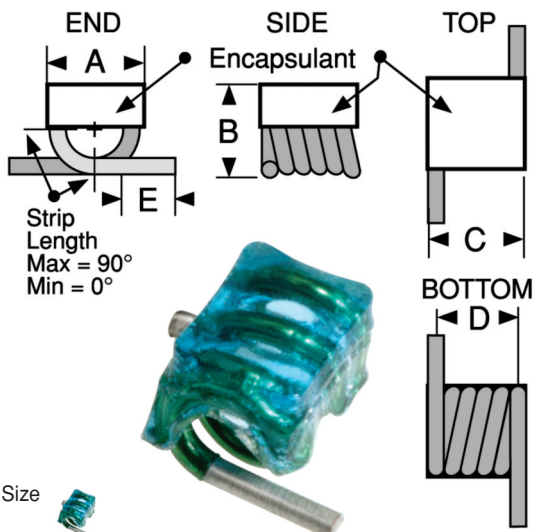


**SERIES****4426R  
4426****Air Core Inductors**

Actual Size

|       | Size A<br>in. | Size A<br>mm | Size B in.<br>in. | Size B<br>mm |
|-------|---------------|--------------|-------------------|--------------|
| A Max | 0.120         | 3.05         | 0.120             | 3.05         |
| B Max | 0.125         | 3.18         | 0.125             | 3.18         |
| C Max | 0.145         | 3.68         | 0.270             | 6.86r        |
| D     | 0.115±.010    | 2.92±.25     | 0.230±.010        | 5.84±.25     |
| E     | 0.05±.015     | 1.27±.38     | 0.05±.015         | 1.27±.38     |
| F     | 0.165         | 4.19         | 0.285             | 7.23         |
| G     | 0.110         | 2.79         | 0.110             | 2.79         |
| H     | 0.130         | 3.30         | 0.130             | 3.30         |
| I     | 0.050         | 1.27         | 0.050             | 1.27         |
| J     | 0.065         | 1.65         | 0.185             | 4.69         |

**High Q, wire wound air cores** Designed to operate over a wide frequency range. Standard flat cap top is suitable for automatic placement.

**\*Ordering** Suffix the dash number with RC to order optional water dissolvable flat top cap for applications requiring hand adjustment. The cap allows the part to be pick and placed onto the PCB, and will dissolve in almost all board cleaning solvents, leaving no residue. Suffix the dash number with NC to order option with no cap, for manual placement.

**Operating Temperature Range** -55°C to +125°C

**Packaging** Tape & reel

Size A, (12mm): 7" reel, 650 pieces max.; 13" reel, 2500 pieces max.;

Size B, (16mm): 7" reel, 400 pieces max.; 13" reel, 1400 pieces max.

| DASH NUMBER* | TURNS (Ref.) | INDUCTANCE (nH) | Q Min. | TEST FREQUENCY (MHz) | SFR GHz, Min. | CURRENT RATING<br>MAXIMUM (Amps) | SIZE CODE |
|--------------|--------------|-----------------|--------|----------------------|---------------|----------------------------------|-----------|
| SERIES 4426  |              |                 |        |                      |               |                                  |           |
| -1           | 1            | 2.5±10%         | 145    | 150                  | >3            | 3.0                              | A         |
| -2           | 2            | 5.0±10%         | 140    | 150                  | >3            | 3.0                              | A         |
| -3           | 3            | 8.0±5%          | 140    | 150                  | >3            | 3.0                              | A         |
| -4           | 4            | 12.5±5%         | 137    | 150                  | >3            | 3.0                              | A         |
| -5           | 5            | 18.5±5%         | 132    | 150                  | >3            | 3.0                              | A         |
| -6           | 6            | 17.5±5%         | 100    | 150                  | >3            | 3.0                              | B         |
| -7           | 7            | 22.0±5%         | 102    | 150                  | >3            | 3.0                              | B         |
| -8           | 8            | 28.0±5%         | 105    | 150                  | 2.6           | 3.0                              | B         |
| -9           | 9            | 35.5±5%         | 112    | 150                  | 1.8           | 3.0                              | B         |
| -10          | 11           | 43.0±5%         | 106    | 150                  | 1.5           | 3.0                              | B         |

\*Complete part # must include series # PLUS the dash #

For surface finish information,  
refer to [www.delevanfinishes.com](http://www.delevanfinishes.com)

