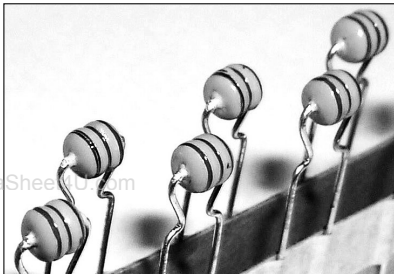


# RADIAL LEADED INDUCTORS

■ OPERATING TEMP

-25 ~ +85°C (Including self-generated heat)

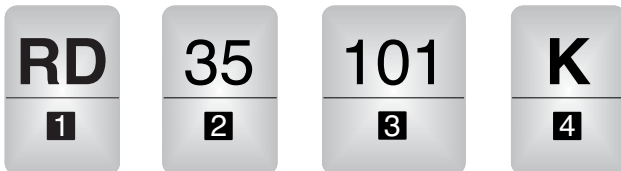


## ■ FEATURES

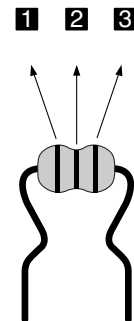
- The RD Series inductors are available in 3 form factors range from 35 to 45.
- For small current applications

## ■ APPLICATION

Consumer electronics such as VCR, TV and Monitor other electronic equipment.



## ■ MARKING



## ■ ORDERING CODE

| 1 TYPE |                        |
|--------|------------------------|
| RD     | Radial Leaded Inductor |

| 2 TYPE DIMENSION |           |
|------------------|-----------|
| 35               | 6.0 × 4.0 |
| 40               | 8.0 × 5.0 |
| 45               | 9.5 × 6.0 |

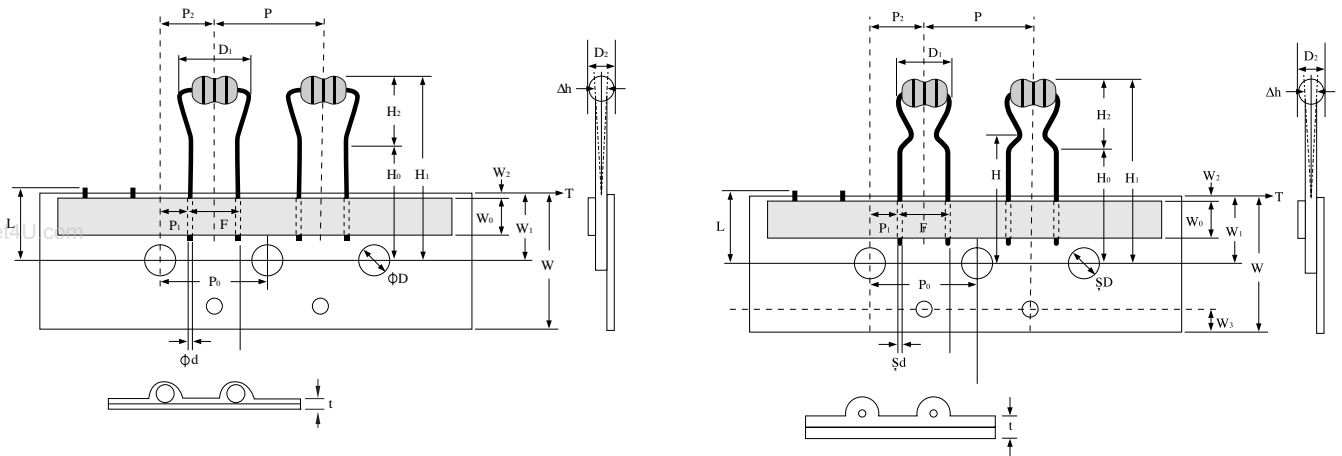
| 3 MARKING INDUCTANCE |        |
|----------------------|--------|
| R22                  | 0.22μH |
| 1R5                  | 1.5μH  |
| 120                  | 12μH   |

| 4 INDUCTANCE TOLERANCE |       |
|------------------------|-------|
| J                      | ± 5%  |
| K                      | ± 10% |

| Color  | Inductance[μH] |           |            |
|--------|----------------|-----------|------------|
|        | 1st Digit      | 2nd Digit | Multiplier |
|        | 1              | 2         | 3          |
| Black  | 0              |           | × 1        |
| Brown  | 1              |           | × 10       |
| Red    | 2              |           | × 100      |
| Orange | 3              |           | × 1000     |
| Yellow | 4              |           | -          |
| Green  | 5              |           | -          |
| Blue   | 6              |           | -          |
| Purple | 7              |           | -          |
| Grey   | 8              |           | -          |
| White  | 9              |           | -          |
| Gold   | -              |           | × 0.1      |
| Silver | -              |           | × 0.01     |

# RADIAL LEADED INDUCTORS

## ■ TAPING DIMENSIONS



Note 1. No more than 3 consecutive pieces can be omitted.

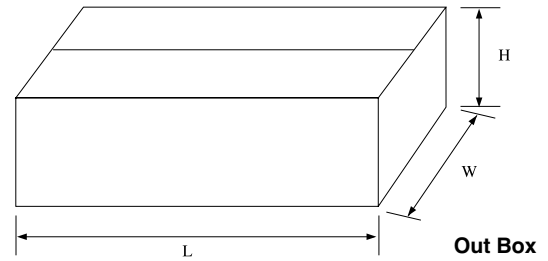
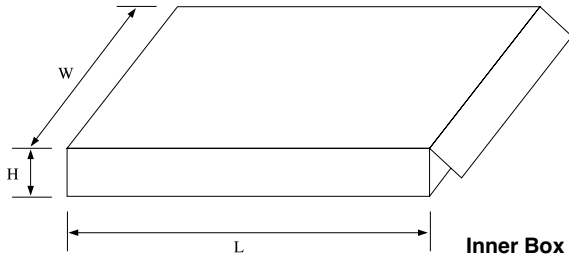
Unit: mm

| Symbol | Dimensions           |         |                     |          |
|--------|----------------------|---------|---------------------|----------|
|        | RD35H                | RD35    | RD40                | RD45     |
| D1     | 7.5max.              | 6.0max. | 8.0max.             | 9.5max.  |
| D2     | 4.0max.              | 4.0max. | 5.0max.             | 6.0max.  |
| H1     | 26max.               | 26max.  | 27.5max.            | 27.5max. |
| H2     | 5max.                | 9max.   | 10.5max.            | 10.5max. |
| H0     | $6.5 \leq H_0 - W_1$ |         |                     |          |
| P      | $12.7 \pm 1.0$       |         |                     |          |
| P0     | $12.7 \pm 0.3$       |         |                     |          |
| P1     | $3.85 \pm 0.5$       |         |                     |          |
| P2     | $6.35 \pm 1.3$       |         |                     |          |
| F      | $5.0^{+0.8}_{-0.3}$  |         | $5.0^{+0.6}_{-0.2}$ |          |
| Δh     | $0.0 \pm 2.0$        |         |                     |          |
| W      | $18^{+1.0}_{-0.5}$   |         |                     |          |
| W0     | $6.0 \pm 0.1$        |         |                     |          |
| W1     | $9^{+0.75}_{-0.5}$   |         | $9^{+1.0}_{-0.5}$   |          |
| W2     | $T \geq W_2$         |         |                     |          |
| ØD     | $4.0 \pm 0.3$        |         |                     |          |
| Ød     | $0.50 \pm 0.05$      |         | $0.60 \pm 0.05$     |          |
| L      | 11.0max.             |         |                     |          |
| t      | $0.5 \pm 2.0$        |         |                     |          |

P0: Accumulated error for 20 pitches is  $\pm 1$ mm

W2: Bonding tape must not protrude from the base tape.

## ■ PACKAGING



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| Type      | Inner Box           |          | Out Box             |          |        | Item  |
|-----------|---------------------|----------|---------------------|----------|--------|-------|
|           | Size(mm)<br>(W×H×L) | Quantity | Size(mm)<br>(W×H×L) | Quantity | Wtight |       |
| RD Series | 187×40×325          | 2,000    | 340×255×580         | 36,000   | 12Kg   | RD35  |
|           |                     | 1,000    |                     | 18,000   | 10Kg   | RD40  |
|           |                     | 1,500    |                     | 27,000   | 18Kg   | RD45  |
|           |                     | 2,000    |                     | 36,000   | 12Kg   | RD35H |

## ■ AVAILABLE INDUCTANCE RANGE

| Type  |                        | 0.22  | 1μH  | 10μH | 100μH | 1,000μH | 10,000μH | 20,000μH |
|-------|------------------------|-------|------|------|-------|---------|----------|----------|
| RD35  | I <sub>max</sub> .(mA) | 1,000 | 790  | 460  | 150   | 55      |          |          |
|       | Inductance(μH)         |       |      |      |       | 1,000μH |          |          |
|       | R <sub>dc</sub> (mΩ)   | 0.09  | 0.17 | 0.45 | 3.3   | 28      |          |          |
| RD40  | I <sub>max</sub> .(mA) | 816   | 707  | 353  | 174   | 48      |          |          |
|       | Inductance(μH)         |       |      |      |       | 2,200μH |          |          |
|       | R <sub>dc</sub> (mΩ)   | 0.15  | 0.2  | 0.8  | 3.3   | 42      |          |          |
| RD45  | I <sub>max</sub> .(mA) |       |      | 780  | 260   | 85      | 21       |          |
|       | Inductance(μH)         |       |      |      |       |         |          | 15,000μH |
|       | R <sub>dc</sub> (mΩ)   |       |      | 0.19 | 0.85  | 8.9     | 160      |          |
| RD35H | I <sub>max</sub> .(mA) | 1,000 | 790  | 460  | 150   | 56      |          |          |
|       | Inductance(μH)         |       |      |      |       | 1,000μH |          |          |
|       | R <sub>dc</sub> (mΩ)   | 0.09  | 0.17 | 0.45 | 3.3   | 31.5    |          |          |

# ITEM PART NUMBERS

● RD35

| Ordering Code | Inductance<br>[ $\mu$ H] | Inductance<br>Tolerance     | Q<br>(min.) | Measuring<br>Frequency<br>[MHz] | Self-Resonant<br>Frequency<br>[MHz]<br>(min.) | DC<br>Resistance<br>[ $\Omega$ ]<br>(max.) | Rated<br>Current<br>[mA]<br>(max.) |
|---------------|--------------------------|-----------------------------|-------------|---------------------------------|---|--|------------------------------------|
| RD35R22K      | 0.22                     | $\pm 10\%$<br>( $\pm 5\%$ ) | 50          | 25.2                            | 170   | 0.09                                       | 1000                               |
| RD35R27K      | 0.27                     |                             |             |                                 | 160   | 0.10                                       | 980                                |
| RD35R33K      | 0.33                     |                             |             |                                 | 140   | 0.11                                       | 960                                |
| RD35R39K      | 0.39                     |                             |             |                                 | 130   | 0.12                                       | 940                                |
| RD35R47K      | 0.47                     |                             |             |                                 | 120   | 0.13                                       | 910                                |
| RD35R56K      | 0.56                     |                             |             |                                 | 110   | 0.14                                       | 880                                |
| RD35R68K      | 0.68                     |                             |             |                                 | 100   | 0.15                                       | 850                                |
| RD35R82K      | 0.82                     |                             |             |                                 | 90  | 0.16                                       | 820                                |
| RD351R0K      | 1.0                      |                             |             |                                 | 82  | 0.17                                       | 790                                |
| RD351R2K      | 1.2                      |                             |             |                                 | 70  | 0.18                                       | 760                                |
| RD351R5K      | 1.5                      |                             |             | 65                              | 0.20  | 730  |                                    |
| RD351R8K      | 1.8                      |                             |             | 57                              | 0.22  | 700  |                                    |
| RD352R2K      | 2.2                      |                             |             | 47                              | 0.24  | 670  |                                    |
| RD352R7K      | 2.7                      |                             |             | 40                              | 0.26  | 640  |                                    |
| RD353R3K      | 3.3                      |                             |             | 35                              | 0.28  | 610  |                                    |
| RD353R9K      | 3.9                      |                             |             | 33                              | 0.30  | 580  |                                    |
| RD354R7K      | 4.7                      |                             |             | 31                              | 0.33  | 560  |                                    |
| RD355R6K      | 5.6                      |                             |             | 27                              | 0.36  | 540  |                                    |
| RD356R8K      | 6.8                      |                             |             | 24                              | 0.39  | 520  |                                    |
| RD358R2K      | 8.2                      |                             |             | 22                              | 0.42  | 490  |                                    |
| RD35100K      | 10                       |                             |             | 21                              | 0.45  | 460  |                                    |
| RD35120K      | 12                       |                             |             | 18                              | 1.2   | 350  |                                    |
| RD35150K      | 15                       |                             |             | 16                              | 1.3   | 330  |                                    |
| RD35180K      | 18                       |                             |             | 14                              | 1.4   | 300  |                                    |
| RD35220K      | 22                       |                             |             | 13                              | 1.5   | 270  |                                    |
| RD35270K      | 27                       |                             |             | 12                              | 1.6   | 250  |                                    |
| RD35330K      | 33                       |                             |             | 11                              | 1.8   | 235  |                                    |
| RD35390K      | 39                       |                             |             | 10                              | 2.0   | 220  |                                    |
| RD35470K      | 47                       |                             |             | 9.5                             | 2.2   | 200  |                                    |
| RD35560K      | 56                       |                             |             | 9.0                             | 2.4   | 190  |                                    |
| RD35680K      | 68                       |                             |             | 8.5                             | 2.8   | 170  |                                    |
| RD35820K      | 82                       |                             |             | 8.0                             | 3.0   | 155  |                                    |
| RD35101K      | 100                      |                             |             | 7.5                             | 3.3   | 150  |                                    |
| RD35121K      | 120                      |                             |             | 6.8                             | 4.2   | 140  |                                    |
| RD35151K      | 150                      |                             |             | 6.2                             | 5.0   | 130  |                                    |
| RD35181K      | 180                      |                             |             | 5.6                             | 6.0   | 125  |                                    |
| RD35221K      | 220                      |                             |             | 5.0                             | 7.5   | 120  |                                    |
| RD35271K      | 270                      |                             |             | 4.6                             | 11  | 105  |                                    |
| RD35331K      | 330                      |                             |             | 4.2                             | 13  | 95   |                                    |
| RD35391K      | 390                      |                             |             | 3.8                             | 15  | 90   |                                    |
| RD35471K      | 470                      | 3.4                         | 17          | 80                              |   |  |                                    |
| RD35561K      | 560                      | 3.0                         | 19          | 75                              |   |  |                                    |
| RD35681K      | 680                      | 2.6                         | 22          | 68                              |   |  |                                    |
| RD35821K      | 820                      | 2.2                         | 25          | 60                              |   |  |                                    |
| RD35102K      | 1000                     | 2.0                         | 28          | 55                              |   |  |                                    |

● RD35H

| Ordering Code | Inductance [ $\mu$ H] | Inductance Tolerance        | Q (min.) | Measuring Frequency [MHz] | Self-Resonant Frequency [MHz] (min.) | DC Resistance [ $\Omega$ ] (max.) | Rated Current [mA] (max.) |     |
|---------------|-----------------------|-----------------------------|----------|---------------------------|--------------------------------------|-----------------------------------|---------------------------|-----|
| RD35T-R22K-H  | 0.22                  | $\pm 10\%$<br>( $\pm 5\%$ ) | 50       | 25.2                      | 170.0                                | 0.09                              | 1000                      |     |
| RD35T-R27K-H  | 0.27                  |                             |          |                           | 160.0                                | 0.10                              | 980                       |     |
| RD35T-R33K-H  | 0.33                  |                             |          |                           | 140.0                                | 0.11                              | 960                       |     |
| RD35T-R39K-H  | 0.39                  |                             |          |                           | 130.0                                | 0.12                              | 940                       |     |
| RD35T-R47K-H  | 0.47                  |                             |          |                           | 120.0                                | 0.13                              | 910                       |     |
| RD35T-R56K-H  | 0.56                  |                             |          |                           | 110.0                                | 0.14                              | 880                       |     |
| RD35T-R68K-H  | 0.68                  |                             |          |                           | 100.0                                | 0.15                              | 850                       |     |
| RD35T-R82K-H  | 0.82                  |                             |          |                           | 90.0                                 | 0.16                              | 820                       |     |
| RD35T-1R0J-H  | 1.0                   |                             |          | 7.96                      | 50                                   | 82.0                              | 0.17                      | 790 |
| RD35T-1R2J-H  | 1.2                   |                             |          |                           |                                      | 70.0                              | 0.18                      | 760 |
| RD35T-1R5J-H  | 1.5                   |                             |          |                           |                                      | 65.0                              | 0.20                      | 730 |
| RD35T-1R8J-H  | 1.8                   |                             |          |                           |                                      | 57.0                              | 0.22                      | 700 |
| RD35T-2R2J-H  | 2.2                   |                             |          |                           |                                      | 47.0                              | 0.24                      | 670 |
| RD35T-2R7J-H  | 2.7                   |                             |          |                           |                                      | 40.0                              | 0.26                      | 640 |
| RD35T-3R3J-H  | 3.3                   |                             |          |                           |                                      | 35.0                              | 0.28                      | 610 |
| RD35T-3R9J-H  | 3.9                   |                             |          |                           |                                      | 33.0                              | 0.30                      | 580 |
| RD35T-4R7J-H  | 4.7                   |                             |          |                           |                                      | 31.0                              | 0.33                      | 560 |
| RD35T-5R6J-H  | 5.6                   |                             |          |                           |                                      | 27.0                              | 0.36                      | 540 |
| RD35T-6R8J-H  | 6.8                   |                             |          |                           |                                      | 24.0                              | 0.39                      | 520 |
| RD35T-8R2J-H  | 8.2                   |                             |          |                           |                                      | 22.0                              | 0.42                      | 490 |
| RD35T-100J-H  | 10                    |                             |          | 2.52                      | 50                                   | 21.0                              | 0.45                      | 460 |
| RD35T-120J-H  | 12                    |                             |          |                           |                                      | 18.0                              | 1.2                       | 350 |
| RD35T-150J-H  | 15                    |                             |          |                           |                                      | 16.0                              | 1.3                       | 330 |
| RD35T-180J-H  | 18                    |                             |          |                           |                                      | 14.0                              | 1.4                       | 300 |
| RD35T-220J-H  | 22                    |                             |          |                           |                                      | 13.0                              | 1.5                       | 270 |
| RD35T-270J-H  | 27                    |                             |          |                           |                                      | 12.0                              | 1.6                       | 250 |
| RD35T-330J-H  | 33                    |                             |          |                           |                                      | 11.0                              | 1.8                       | 235 |
| RD35T-390J-H  | 39                    |                             |          |                           |                                      | 10.0                              | 2.0                       | 220 |
| RD35T-470J-H  | 47                    |                             |          |                           |                                      | 9.5                               | 2.2                       | 200 |
| RD35T-560J-H  | 56                    |                             |          |                           |                                      | 9.0                               | 2.4                       | 190 |
| RD35T-680J-H  | 68                    |                             |          |                           |                                      | 8.5                               | 2.8                       | 170 |
| RD35T-820J-H  | 82                    |                             |          |                           |                                      | 8.0                               | 3.0                       | 155 |
| RD35T-101K-H  | 100                   |                             |          | 0.796                     | 50                                   | 7.5                               | 3.3                       | 150 |
| RD35T-121K-H  | 120                   |                             |          |                           |                                      | 6.8                               | 4.2                       | 140 |
| RD35T-151K-H  | 150                   |                             |          |                           |                                      | 6.2                               | 5.0                       | 130 |
| RD35T-181K-H  | 180                   |                             |          |                           |                                      | 5.6                               | 6.0                       | 125 |
| RD35T-221K-H  | 220                   |                             |          |                           |                                      | 5.0                               | 7.5                       | 120 |
| RD35T-271K-H  | 270                   |                             |          |                           |                                      | 4.6                               | 11.0                      | 105 |
| RD35T-331K-H  | 330                   |                             | 4.2      |                           |                                      | 13.0                              | 95                        |     |
| RD35T-391K-H  | 390                   |                             | 3.8      |                           |                                      | 15.0                              | 90                        |     |
| RD35T-471K-H  | 470                   | 3.4                         | 17.0     |                           |                                      | 80                                |                           |     |
| RD35T-561K-H  | 560                   | 2.4                         | 21.0     |                           |                                      | 69                                |                           |     |
| RD35T-681K-H  | 680                   | 30                          | 25       | 2.2                       | 23.5                                 | 65                                |                           |     |
| RD35T-821K-H  | 820                   |                             |          | 2.0                       | 26.5                                 | 61                                |                           |     |
| RD35T-102K-H  | 1000                  |                             |          | 0.252                     | 1.8                                  | 31.5                              | 56                        |     |

RADIAL LEADED  
INDUCTORS

# ITEM PART NUMBERS

● RD40

| Ordering Code | Inductance<br>[ $\mu$ H] | Inductance<br>Tolerance     | Q<br>(min.) | Measuring<br>Frequency<br>[MHz] | Self-Resonant<br>Frequency<br>[MHz]<br>(min.) | DC<br>Resistance<br>[ $\Omega$ ]<br>(max.) | Rated<br>Current<br>[mA]<br>(max.) |      |     |      |     |
|---------------|--------------------------|-----------------------------|-------------|---------------------------------|---|--|------------------------------------|------|-----|------|-----|
| RD40R22K      | 0.22                     | $\pm 10\%$<br>( $\pm 5\%$ ) | 50          | 25.2                            | 150   | 0.15                                       | 816                                |      |     |      |     |
| RD40R27K      | 0.27                     |                             |             |                                 | 150   | 0.15                                       | 816                                |      |     |      |     |
| RD40R33K      | 0.33                     |                             |             |                                 | 150   | 0.15                                       | 816                                |      |     |      |     |
| RD40R39K      | 0.39                     |                             |             |                                 | 130   | 0.15                                       | 816                                |      |     |      |     |
| RD40R47K      | 0.47                     |                             |             |                                 | 130   | 0.15                                       | 816                                |      |     |      |     |
| RD40R56K      | 0.56                     |                             |             |                                 | 130   | 0.20                                       | 707                                |      |     |      |     |
| RD40R68K      | 0.68                     |                             |             |                                 | 120   | 0.20                                       | 707                                |      |     |      |     |
| RD40R82K      | 0.82                     |                             |             |                                 | 120   | 0.20                                       | 707                                |      |     |      |     |
| RD401R0K      | 1.0                      |                             |             | 7.96                            | 50  | 7.96                                       | 100                                | 0.20 | 707 |      |     |
| RD401R2K      | 1.2                      |                             |             |                                 |   |  | 85                                 | 0.20 | 707 |      |     |
| RD401R5K      | 1.5                      |                             |             |                                 |   |  | 70                                 | 0.22 | 674 |      |     |
| RD401R8K      | 1.8                      |                             |             |                                 |   |  | 60                                 | 0.22 | 674 |      |     |
| RD402R2K      | 2.2                      |                             |             |                                 |   |  | 55                                 | 0.25 | 632 |      |     |
| RD402R7K      | 2.7                      |                             |             |                                 |   |  | 50                                 | 0.27 | 608 |      |     |
| RD403R3K      | 3.3                      |                             |             |                                 |   | 45   | 0.30                               | 577  |     |      |     |
| RD403R9K      | 3.9                      |                             |             |                                 |   | 40   | 0.32                               | 559  |     |      |     |
| RD404R7K      | 4.7                      |                             |             |                                 |   | 35   | 0.35                               | 534  |     |      |     |
| RD405R6K      | 5.6                      |                             |             |                                 |   | 33   | 0.37                               | 519  |     |      |     |
| RD406R8K      | 6.8                      |                             |             |                                 |   | 27   | 0.40                               | 500  |     |      |     |
| RD408R2K      | 8.2                      |                             |             |                                 |   | 25   | 0.45                               | 471  |     |      |     |
| RD40100K      | 10                       |                             |             |                                 |   | 2.52                                       | 50                                 | 2.52 | 20  | 0.80 | 353 |
| RD40120K      | 12                       |                             |             |                                 |   |  |                                    |      | 18  | 0.90 | 333 |
| RD40150K      | 15                       |                             |             |                                 |   |  |                                    |      | 17  | 1.0  | 316 |
| RD40180K      | 18                       |                             |             |                                 |   |  |                                    |      | 15  | 1.2  | 288 |
| RD40220K      | 22                       |                             |             |                                 |   |  |                                    |      | 13  | 1.4  | 267 |
| RD40270K      | 27                       |                             |             |                                 |   |  |                                    |      | 11  | 1.7  | 242 |
| RD40330K      | 33                       |                             |             | 10.5                            | 2.0   |  |                                    |      | 223 |      |     |
| RD40390K      | 39                       |                             |             | 10.0                            | 2.4   |  |                                    |      | 204 |      |     |
| RD40470K      | 47                       |                             |             | 9.5                             | 2.7   |  |                                    |      | 192 |      |     |
| RD40560K      | 56                       |                             |             | 9.0                             | 2.9   |  |                                    |      | 185 |      |     |
| RD40680K      | 68                       |                             | 8.5         | 3.1                             | 179   |  |                                    |      |     |      |     |
| RD40820K      | 82                       |                             | 7.5         | 3.3                             | 174   |  |                                    |      |     |      |     |
| RD40101K      | 100                      |                             | 0.796       | 45                              | 0.796   | 6.8  | 3.3                                | 174  |     |      |     |
| RD40121K      | 120                      |                             |             |                                 |   | 6.2  | 3.5                                | 169  |     |      |     |
| RD40151K      | 150                      |                             |             |                                 |   | 5.7  | 3.7                                | 164  |     |      |     |
| RD40181K      | 180                      |                             |             |                                 |   | 5.3  | 4.0                                | 158  |     |      |     |
| RD40221K      | 220                      |                             |             |                                 |   | 4.0  | 5.2                                | 138  |     |      |     |
| RD40271K      | 270                      |                             |             |                                 |   | 3.6  | 5.8                                | 131  |     |      |     |
| RD40331K      | 330                      |                             |             |                                 |   | 3.3  | 6.5                                | 124  |     |      |     |
| RD40391K      | 390                      |                             |             |                                 |   | 3.0  | 7.5                                | 115  |     |      |     |
| RD40471K      | 470                      |                             |             |                                 |   | 2.8  | 8.0                                | 111  |     |      |     |
| RD40561K      | 560                      |                             |             |                                 |   | 2.4  | 12.5                               | 89   |     |      |     |
| RD40681K      | 680                      | 2.2                         | 14.0        | 84                              |   |  |                                    |      |     |      |     |
| RD40821K      | 820                      | 2.0                         | 15.5        | 80                              |   |  |                                    |      |     |      |     |
| RD40102K      | 1000                     | 0.252                       | 30          | 0.252                           | 1.8   | 18.5                                       | 73                                 |      |     |      |     |
| RD40122K      | 1200                     |                             |             |                                 | 1.7   | 29.0                                       | 58                                 |      |     |      |     |
| RD40152K      | 1500                     |                             |             |                                 | 1.5   | 34.0                                       | 54                                 |      |     |      |     |
| RD40182K      | 1800                     |                             |             |                                 | 1.4   | 37.0                                       | 51                                 |      |     |      |     |
| RD40222K      | 2200                     |                             |             |                                 | 1.2   | 32.0                                       | 48                                 |      |     |      |     |

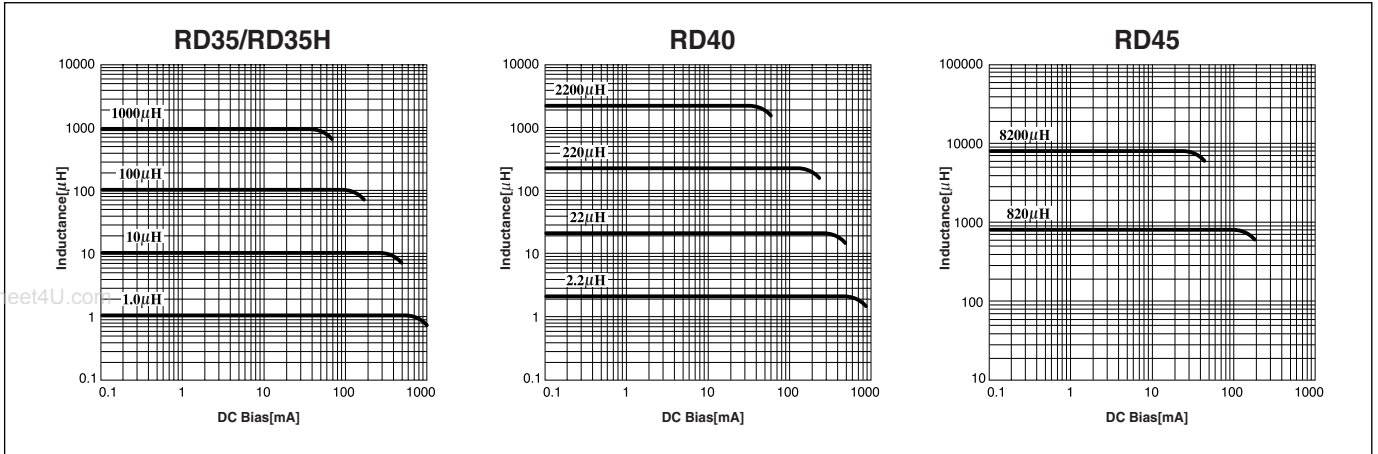
● RD45

| Ordering Code | Inductance [ $\mu$ H] | Inductance Tolerance        | Q (min.) | Measuring Frequency [MHz] | Self-Resonant Frequency [MHz] (min.) | DC Resistance [ $\Omega$ ] (max.) | Rated Current [mA] (max.) |     |      |    |
|---------------|-----------------------|-----------------------------|----------|---------------------------|--------------------------------------|-----------------------------------|---------------------------|-----|------|----|
| RD45 100K     | 10                    | $\pm 10\%$<br>( $\pm 5\%$ ) | 20       | 2.52                      | 17.0                                 | 0.19                              | 780                       |     |      |    |
| RD45 120K     | 12                    |                             |          |                           | 14.0                                 | 0.22                              | 730                       |     |      |    |
| RD45 150K     | 15                    |                             |          |                           | 12.0                                 | 0.24                              | 650                       |     |      |    |
| RD45 180K     | 18                    |                             |          |                           | 10.5                                 | 0.26                              | 610                       |     |      |    |
| RD45 220K     | 22                    |                             |          |                           | 10.0                                 | 0.29                              | 540                       |     |      |    |
| RD45 270K     | 27                    |                             |          |                           | 9.5                                  | 0.32                              | 480                       |     |      |    |
| RD45 330K     | 33                    |                             |          |                           | 8.5                                  | 0.34                              | 440                       |     |      |    |
| RD45 390K     | 39                    |                             |          |                           | 8.0                                  | 0.42                              | 410                       |     |      |    |
| RD45 470K     | 47                    |                             |          |                           | 7.0                                  | 0.47                              | 375                       |     |      |    |
| RD45 560K     | 56                    |                             |          |                           | 6.8                                  | 0.52                              | 340                       |     |      |    |
| RD45 680K     | 68                    |                             | 15       | 6.5                       | 0.58                                 | 320                               |                           |     |      |    |
| RD45 820K     | 82                    |                             |          | 6.3                       | 0.64                                 | 285                               |                           |     |      |    |
| RD45 101K     | 100                   |                             |          | 25                        | 6.0                                  | 0.85                              | 260                       |     |      |    |
| RD45 121K     | 120                   |                             | 5.4      |                           | 1.00                                 | 240                               |                           |     |      |    |
| RD45 151K     | 150                   |                             | 4.8      |                           | 1.20                                 | 215                               |                           |     |      |    |
| RD45 181K     | 180                   |                             | 30       | 4.0                       | 1.50                                 | 195                               |                           |     |      |    |
| RD45 221K     | 220                   |                             |          | 3.9                       | 1.65                                 | 180                               |                           |     |      |    |
| RD45 271K     | 270                   |                             |          | 3.6                       | 2.15                                 | 160                               |                           |     |      |    |
| RD45 331K     | 330                   |                             | 35       | 3.3                       | 2.90                                 | 145                               |                           |     |      |    |
| RD45 391K     | 390                   |                             |          | 3.0                       | 3.25                                 | 135                               |                           |     |      |    |
| RD45 471K     | 470                   |                             |          | 2.8                       | 4.05                                 | 125                               |                           |     |      |    |
| RD45 561K     | 560                   |                             | 40       | 2.4                       | 4.45                                 | 115                               |                           |     |      |    |
| RD45 681K     | 680                   |                             |          | 2.2                       | 5.85                                 | 105                               |                           |     |      |    |
| RD45 821K     | 820                   |                             |          | 2.0                       | 6.60                                 | 90                                |                           |     |      |    |
| RD45 102K     | 1000                  |                             | 45       | 45                        | 0.252                                | 1.8                               | 8.90                      | 85  |      |    |
| RD45 122K     | 1200                  |                             |          |                           |                                      | 1.7                               | 10.5                      | 75  |      |    |
| RD45 152K     | 1500                  |                             |          |                           |                                      | 1.5                               | 11.9                      | 70  |      |    |
| RD45 182K     | 1800                  |                             |          |                           |                                      | 1.3                               | 16.5                      | 60  |      |    |
| RD45 222K     | 2200                  |                             |          |                           |                                      | 1.2                               | 19.0                      | 58  |      |    |
| RD45 272K     | 2700                  |                             |          |                           |                                      | 40                                | 40                        | 0.8 | 32.0 | 52 |
| RD45 332K     | 3300                  |                             |          |                           |                                      |                                   |                           | 0.7 | 34.0 | 48 |
| RD45 392K     | 3900                  |                             |          |                           |                                      |                                   |                           | 0.7 | 38.0 | 45 |
| RD45 472K     | 4700                  |                             |          |                           |                                      |                                   |                           | 0.6 | 56.0 | 40 |
| RD45 562K     | 5600                  |                             |          |                           |                                      |                                   |                           | 0.5 | 63.0 | 37 |
| RD45 682K     | 6800                  |                             | 0.4      | 70.0                      | 34                                   |                                   |                           |     |      |    |
| RD45 822K     | 8200                  | 0.4                         | 77.0     | 31                        |                                      |                                   |                           |     |      |    |
| RD45 103K     | 10000                 | 25                          | 25       | 0.0796                    | 0.3                                  | 95.0                              | 28                        |     |      |    |
| RD45 123K     | 12000                 |                             |          |                           | 0.2                                  | 110.0                             | 25                        |     |      |    |
| RD45 153K     | 15000                 |                             |          |                           | 20                                   | 0.1                               | 160.0                     | 21  |      |    |

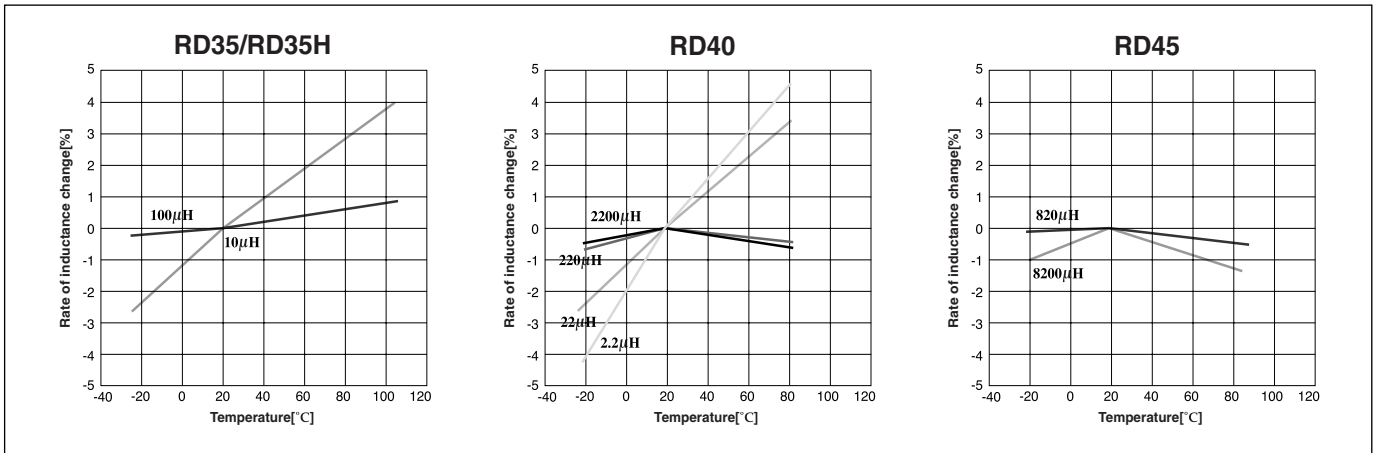
RADIAL LEADED INDUCTORS

# ELECTRICAL CHARACTERISTICS

## ● DC Bias Characteristics (Measured by HP4284A + HP42841A)



## ● Temperature Characteristics (Measured by HP4284A + HP42841A)



## ● Q-Characteristics (Measured by HP 4285A + HP 42851A)

