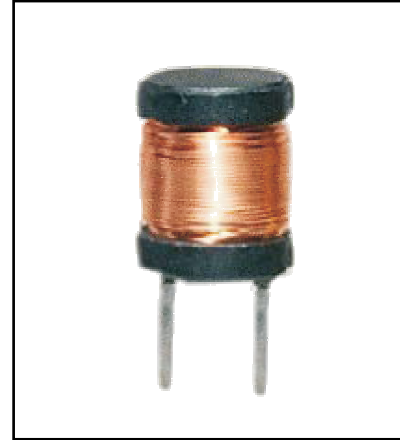
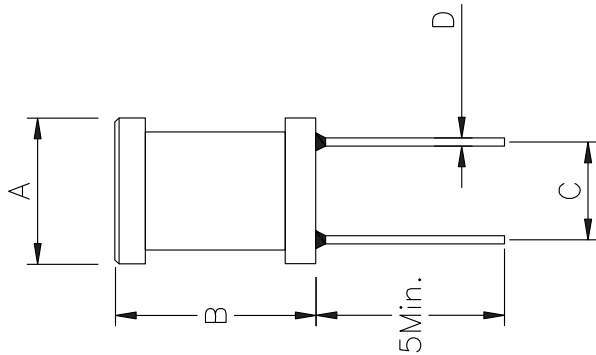


## DRUM CORE INDUCOR FWDRI SERIES

### PHYSICAL CHARACTERISTICS:



| Type      | $\Phi A(\text{max})$ | B(max) | C Typ. | E Typ. | F Typ. |
|-----------|----------------------|--------|--------|--------|--------|
| FWDRI0406 | 5.5                  | 7.5    | 15.0   | 0.50   | 2.0    |
| FWDRI0608 | 7.5                  | 9.5    | 15.0   | 0.50   | 3.0    |
| FWDRI0810 | 9.5                  | 11.5   | 15.0   | 0.65   | 5.0    |
| FWDRI1010 | 10.2                 | 10.3   | 15.0   | 0.65   | 6.5    |
| FWDRI0912 | 10.5                 | 13.5   | 15.0   | 0.80   | 6.0    |
| FWDRI1415 | 14.3                 | 15.4   | 15.0   | 0.65   | 8.5    |

### Features :

- \*open magnetic circuit construction
- \*low cost and high reliability

### Applications :

- \*Inkjet printer. Copying machine. Display monitor.
- ADSL modem. Gaming machine. Color TV. Video tape recorder. Lighting and Car electronics.

### Product identifications :

| <u>FWDRI</u> | <u>0608</u>          | <u>B-</u> | <u>1R5</u> | <u>N</u>                       |
|--------------|----------------------|-----------|------------|--------------------------------|
| (1)          | (2)                  | (3)       | (4)        | (5)                            |
| (1)          | Series name          |           | (4)        | Inductance value               |
| (2)          | Demensions mm        |           |            | 4R7:4.7uH; 100:10uH; 221:220uH |
|              | 0608: 7.5*9.5(D*L)   |           |            |                                |
| (3)          | Packing style        |           | (5)        | Tolerance                      |
|              | B: Bulk              |           |            | (J±5%; K ±10% M:±20% N:±30%)   |
|              | RA:Taping Ammo-pack] |           |            |                                |

## FWDRI0406B SERIES

| Part Number     | Inductance (uH) | Test Freq (kHz) | Rdc (maxΩ) | Idc (maxA) |
|-----------------|-----------------|-----------------|------------|------------|
| FWDRI0406B-100M | 10.0            | 1               | 0.100      | 1.70       |
| FWDRI0406B-150M | 15.0            | 1               | 0.130      | 1.38       |
| FWDRI0406B-220M | 22.0            | 1               | 0.180      | 1.10       |
| FWDRI0406B-330M | 33.0            | 1               | 0.240      | 0.93       |
| FWDRI0406B-470M | 47.0            | 1               | 0.350      | 0.80       |
| FWDRI0406B-680M | 68.0            | 1               | 0.470      | 0.66       |
| FWDRI0406B-101K | 100.0           | 1               | 0.680      | 0.53       |
| FWDRI0406B-151K | 150.0           | 1               | 1.060      | 0.42       |
| FWDRI0406B-221K | 220.0           | 1               | 1.720      | 0.35       |
| FWDRI0406B-331K | 330.0           | 1               | 2.440      | 0.28       |
| FWDRI0406B-471K | 470.0           | 1               | 2.910      | 0.24       |
| FWDRI0406B-681K | 680.0           | 1               | 4.930      | 0.19       |
| FWDRI0406B-102K | 1000.0          | 1               | 7.600      | 0.17       |

## FWDRI0608B SERIES

| Part Number     | Inductance (uH) | Test Freq (kHz) | Rdc (maxΩ) | Idc (maxA) |
|-----------------|-----------------|-----------------|------------|------------|
| FWDRI0608B-1R0M | 1.0             | 1               | 0.030      | 3.00       |
| FWDRI0608B-1R5M | 1.5             | 1               | 0.035      | 2.80       |
| FWDRI0608B-2R2M | 2.2             | 1               | 0.045      | 2.50       |
| FWDRI0608B-3R3M | 3.3             | 1               | 0.055      | 2.20       |
| FWDRI0608B-4R7M | 4.7             | 1               | 0.065      | 2.00       |
| FWDRI0608B-6R8M | 6.8             | 1               | 0.080      | 1.70       |
| FWDRI0608B-100M | 10.0            | 1               | 0.110      | 1.40       |
| FWDRI0608B-150M | 15.0            | 1               | 0.160      | 1.00       |
| FWDRI0608B-220M | 22.0            | 1               | 0.250      | 0.90       |
| FWDRI0608B-330M | 33.0            | 1               | 0.420      | 0.70       |
| FWDRI0608B-470M | 47.0            | 1               | 0.500      | 0.60       |
| FWDRI0608B-680M | 68.0            | 1               | 0.630      | 0.55       |
| FWDRI0608B-101K | 100.0           | 1               | 0.850      | 0.40       |
| FWDRI0608B-151K | 150.0           | 1               | 1.400      | 0.30       |
| FWDRI0608B-221K | 220.0           | 1               | 2.500      | 0.28       |
| FWDRI0608B-331K | 330.0           | 1               | 3.000      | 0.22       |
| FWDRI0608B-471K | 470.0           | 1               | 3.900      | 0.20       |
| FWDRI0608B-681K | 680.0           | 1               | 7.000      | 0.15       |
| FWDRI0608B-102K | 1000.0          | 1               | 8.700      | 0.12       |

## FWDRI0810B SERIES

| Part Number     | Inductance (uH) | Test Freq (kHz) | Rdc (maxΩ) | Idc (maxA) |
|-----------------|-----------------|-----------------|------------|------------|
| FWDRI0810B-100M | 10.0            | 1               | 0.045      | 1.00       |
| FWDRI0810B-150M | 15.0            | 1               | 0.055      | 0.90       |
| FWDRI0810B-220M | 22.0            | 1               | 0.095      | 0.80       |
| FWDRI0810B-330M | 33.0            | 1               | 0.125      | 0.70       |
| FWDRI0810B-470M | 47.0            | 1               | 0.160      | 0.60       |
| FWDRI0810B-680M | 68.0            | 1               | 0.200      | 0.56       |
| FWDRI0810B-101K | 100.0           | 1               | 0.310      | 0.45       |
| FWDRI0810B-151K | 150.0           | 1               | 0.470      | 0.40       |
| FWDRI0810B-221K | 220.0           | 1               | 0.730      | 0.38       |
| FWDRI0810B-331K | 330.0           | 1               | 0.950      | 0.30       |
| FWDRI0810B-471K | 470.0           | 1               | 1.630      | 0.22       |
| FWDRI0810B-681K | 680.0           | 1               | 2.100      | 0.18       |
| FWDRI0810B-102K | 1000.0          | 1               | 3.200      | 0.15       |

## FWDRI1010B SERIES

| Part Number     | Inductance (uH) | Test Freq (kHz) | Rdc (maxΩ) | Idc (maxA) |
|-----------------|-----------------|-----------------|------------|------------|
| FWDRI1010B-3R3M | 3.3             | 1               | 0.010      | 6.00       |
| FWDRI1010B-4R7M | 4.7             | 1               | 0.015      | 5.00       |
| FWDRI1010B-6R8M | 6.8             | 1               | 0.016      | 4.80       |
| FWDRI1010B-100M | 10.0            | 1               | 0.025      | 3.90       |
| FWDRI1010B-150M | 15.0            | 1               | 0.029      | 3.60       |
| FWDRI1010B-220M | 22.0            | 1               | 0.040      | 3.00       |
| FWDRI1010B-330M | 33.0            | 1               | 0.062      | 2.50       |
| FWDRI1010B-470M | 47.0            | 1               | 0.075      | 2.20       |
| FWDRI1010B-680M | 68.0            | 1               | 0.130      | 1.70       |
| FWDRI1010B-101K | 100.0           | 1               | 0.160      | 1.50       |
| FWDRI1010B-151K | 150.0           | 1               | 0.260      | 1.20       |
| FWDRI1010B-221K | 220.0           | 1               | 0.330      | 1.10       |
| FWDRI1010B-331K | 330.0           | 1               | 0.520      | 0.82       |
| FWDRI1010B-471K | 470.0           | 1               | 0.660      | 0.72       |
| FWDRI1010B-681K | 680.0           | 1               | 1.100      | 0.58       |
| FWDRI1010B-102K | 1000.0          | 1               | 1.400      | 0.51       |
| FWDRI1010B-222J | 2200.0          | 1               | 3.200      | 0.35       |
| FWDRI1010B-332J | 3300.0          | 1               | 4.900      | 0.28       |
| FWDRI1010B-472J | 4700.0          | 1               | 7.600      | 0.24       |
| FWDRI1010B-103J | 10000.0         | 1               | 18.000     | 0.14       |
| FWDRI1010B-153J | 15000.0         | 1               | 24.000     | 0.12       |

## FWDRI0912B SERIES

| Part Number     | Inductance (uH) | Test Freq (kHz) | Rdc (maxΩ) | Idc (maxA) |
|-----------------|-----------------|-----------------|------------|------------|
| FWDRI0912B-100M | 10.0            | 1               | 0.030      | 7.50       |
| FWDRI0912B-150M | 15.0            | 1               | 0.050      | 6.10       |
| FWDRI0912B-220M | 22.0            | 1               | 0.070      | 5.00       |
| FWDRI0912B-330M | 33.0            | 1               | 0.090      | 4.00       |
| FWDRI0912B-470M | 47.0            | 1               | 0.110      | 3.00       |
| FWDRI0912B-680M | 68.0            | 1               | 0.140      | 2.60       |
| FWDRI0912B-101K | 100.0           | 1               | 0.190      | 2.40       |
| FWDRI0912B-151K | 150.0           | 1               | 0.240      | 2.00       |
| FWDRI0912B-221K | 220.0           | 1               | 0.350      | 1.70       |
| FWDRI0912B-331K | 330.0           | 1               | 0.550      | 1.36       |
| FWDRI0912B-471K | 470.0           | 1               | 0.840      | 1.12       |
| FWDRI0912B-681K | 680.0           | 1               | 1.060      | 0.92       |
| FWDRI0912B-102K | 1000.0          | 1               | 1.490      | 0.78       |
| FWDRI0912B-152K | 1500.0          | 1               | 2.000      | 0.50       |
| FWDRI0912B-222K | 2200.0          | 1               | 2.800      | 0.30       |
| FWDRI0912B-332K | 3300.0          | 1               | 3.900      | 0.21       |

## FWDRI1415B SERIES

| Part Number     | Inductance (uH) | Test Freq (kHz) | Rdc (maxΩ) | Idc (maxA) |
|-----------------|-----------------|-----------------|------------|------------|
| FWDRI1415B-100M | 10.0            | 1               | 0.011      | 6.30       |
| FWDRI1415B-150M | 15.0            | 1               | 0.013      | 5.80       |
| FWDRI1415B-220M | 22.0            | 1               | 0.017      | 5.10       |
| FWDRI1415B-330M | 33.0            | 1               | 0.021      | 4.60       |
| FWDRI1415B-470M | 47.0            | 1               | 0.030      | 4.20       |
| FWDRI1415B-680M | 68.0            | 1               | 0.045      | 4.00       |
| FWDRI1415B-101K | 100.0           | 1               | 0.070      | 3.10       |
| FWDRI1415B-121K | 120.0           | 1               | 0.100      | 2.60       |
| FWDRI1415B-151K | 150.0           | 1               | 0.200      | 2.30       |
| FWDRI1415B-221K | 220.0           | 1               | 0.260      | 1.85       |
| FWDRI1415B-331K | 330.0           | 1               | 0.400      | 1.60       |
| FWDRI1415B-471K | 470.0           | 1               | 0.500      | 1.30       |
| FWDRI1415B-681K | 680.0           | 1               | 0.800      | 1.15       |
| FWDRI1415B-102K | 1000.0          | 1               | 1.200      | 0.95       |
| FWDRI1415B-222K | 2200.0          | 1               | 2.000      | 0.70       |
| FWDRI1415B-472K | 4700.0          | 1               | 3.600      | 0.50       |
| FWDRI1415B-822K | 8200.0          | 1               | 4.600      | 0.25       |