

SMD Shielded Power Inductors

Application Field

VTR, OA equipment, LCD television set, Notebook, portable communication equipments, DC/DC converters, etc.

Features

- Magnetically shielded construction
- Compact and thin
- Large Current and Low DCR

Dimensions and footprint (Unit : mm)

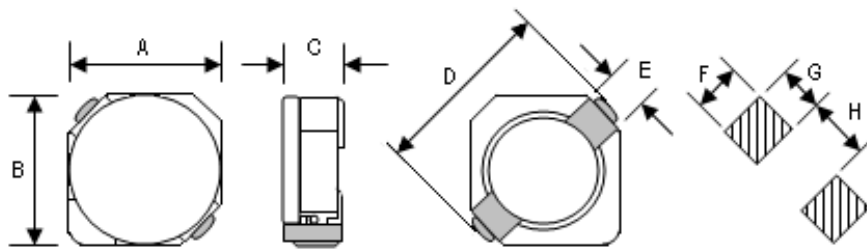


Fig-1

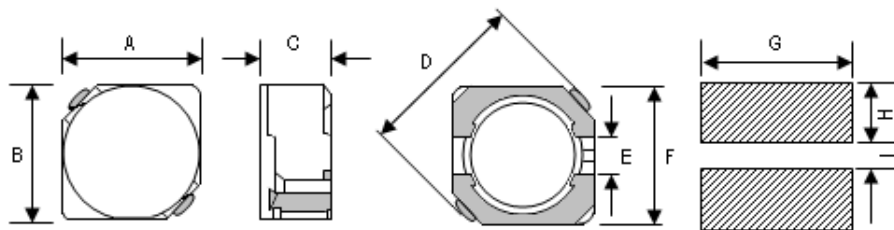


Fig-2

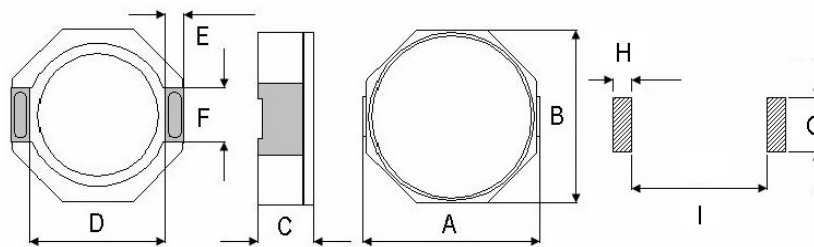


Fig-3

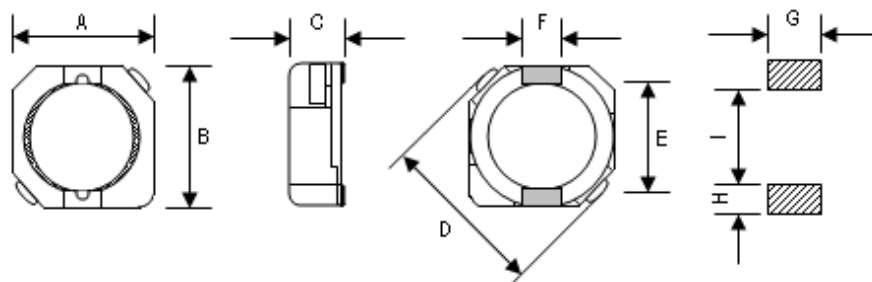


Fig-4

Unit : mm

| Size | A | B | C | D | E | F | G | H | I | Fig |
|------------|-----------|-----------|----------|-----------|----------|------|------|------|------|-----|
| MDRI-2D14 | 3.20±0.3 | 3.20±0.3 | 1.55 max | 4.50 max | 1.00 typ | 1.30 | 1.30 | 1.70 | - | 1 |
| MDRI-3D16 | 3.80±0.3 | 3.80±0.3 | 1.80 max | 5.20 max | 1.00 typ | 1.20 | 4.30 | 1.60 | 1.20 | 2 |
| MDRI-4D18 | 4.70±0.3 | 4.70±0.3 | 2.00 max | 6.90 max | 1.50 typ | 1.50 | 5.30 | 1.90 | 1.50 | 2 |
| MDRI-4D28 | 4.70±0.3 | 4.70±0.3 | 3.00 max | 6.90 max | 1.50 typ | 1.50 | 5.30 | 1.90 | 1.50 | 2 |
| MDRI-5D18 | 5.70±0.3 | 5.70±0.3 | 2.00 max | 8.20 max | 2.00 typ | 2.00 | 6.30 | 2.15 | 2.00 | 2 |
| MDRI-5D28 | 5.70±0.3 | 5.70±0.3 | 3.00 max | 8.20 max | 2.00 typ | 2.00 | 6.30 | 2.15 | 2.00 | 2 |
| MDRI-6D28 | 6.70±0.3 | 6.70±0.3 | 3.00 max | 9.50 max | 2.00 typ | 2.00 | 7.30 | 2.65 | 2.00 | 2 |
| MDRI-6D38 | 6.70±0.3 | 6.70±0.3 | 4.00 max | 9.50 max | 2.00 typ | 2.00 | 7.30 | 2.65 | 2.00 | 2 |
| MDRI-8D43 | 8.00±0.3 | 8.00±0.3 | 4.50 max | 6.30 max | 1.20 typ | 4.00 | 2.80 | 2.00 | 6.10 | 3 |
| MDRI-10D30 | 10.00±0.5 | 10.00±0.5 | 3.10 max | 13.50 max | 7.70±0.3 | 3.00 | 3.60 | 1.70 | 7.40 | 4 |
| MDRI-10D40 | 10.00±0.5 | 10.00±0.5 | 4.10 max | 13.50 max | 7.70±0.3 | 3.00 | 3.60 | 1.70 | 7.40 | 4 |
| MDRI-10D50 | 10.00±0.5 | 10.00±0.5 | 5.10 max | 13.50 max | 7.70±0.3 | 3.00 | 3.60 | 1.70 | 7.40 | 4 |

Part Number Code

MDRI - 6D28 - 680 M
 1 2 3 4

1、Product Code

2、Dimensions Code

3、Inductance = Decimal Point

4、Tolerance : M = ±20%、N = ±30%

Specification

| Part No. | Inductance (μH) | Freq. (Hz) | DCR(Ω) max | IDC(A) max |
|---------------|-----------------|------------|------------|------------|
| MDRI-2D14-1R5 | 1.5 | 100KHz | 0.063 | 1.800 |
| MDRI-2D14-1R8 | 1.8 | 100KHz | 0.075 | 1.650 |
| MDRI-2D14-2R2 | 2.2 | 100KHz | 0.094 | 1.500 |
| MDRI-2D14-2R7 | 2.7 | 100KHz | 0.106 | 1.350 |
| MDRI-2D14-3R3 | 3.3 | 100KHz | 0.125 | 1.200 |
| MDRI-2D14-3R9 | 3.9 | 100KHz | 0.138 | 1.100 |
| MDRI-2D14-4R7 | 4.7 | 100KHz | 0.169 | 1.000 |
| MDRI-2D14-5R6 | 5.6 | 100KHz | 0.188 | 0.950 |
| MDRI-2D14-6R8 | 6.8 | 100KHz | 0.213 | 0.850 |
| MDRI-2D14-8R2 | 8.2 | 100KHz | 0.281 | 0.800 |
| MDRI-2D14-100 | 10 | 100KHz | 0.294 | 0.700 |
| MDRI-2D14-120 | 12 | 100KHz | 0.394 | 0.620 |
| MDRI-2D14-220 | 22 | 100KHz | 0.650 | 0.300 |
| MDRI-2D14-330 | 33 | 100KHz | 1.000 | 0.240 |
| MDRI-2D14-470 | 47 | 100KHz | 1.250 | 0.200 |

| Part No. | Inductance (μ H) | Freq. (Hz) | DCR(Ω) max | IDC(A) max |
|---------------|-----------------------|------------|---------------------|------------|
| MDRI-3D16-2R2 | 2.2 | 100KHz | 0.072 | 1.200 |
| MDRI-3D16-3R3 | 3.3 | 100KHz | 0.085 | 1.100 |
| MDRI-3D16-4R7 | 4.7 | 100KHz | 0.110 | 0.900 |
| MDRI-3D16-6R2 | 6.2 | 100KHz | 0.160 | 0.800 |
| MDRI-3D16-100 | 10 | 100KHz | 0.210 | 0.550 |
| MDRI-3D16-150 | 15 | 100KHz | 0.290 | 0.420 |
| MDRI-3D16-220 | 22 | 100KHz | 0.350 | 0.350 |
| MDRI-3D16-330 | 33 | 100KHz | 0.470 | 0.320 |
| MDRI-3D16-470 | 47 | 100KHz | 0.990 | 0.240 |
| MDRI-3D16-680 | 68 | 100KHz | 1.100 | 0.220 |
| MDRI-3D16-101 | 100 | 100KHz | 1.400 | 0.170 |

| Part No. | Inductance (μ H) | Freq. (Hz) | DCR(Ω) max | IDC(A) max |
|---------------|-----------------------|------------|---------------------|------------|
| MDRI-4D18-1R0 | 1.0 | 100KHz | 0.045 | 1.720 |
| MDRI-4D18-2R2 | 2.2 | 100KHz | 0.075 | 1.320 |
| MDRI-4D18-2R7 | 2.7 | 100KHz | 0.105 | 1.280 |
| MDRI-4D18-3R3 | 3.3 | 100KHz | 0.110 | 1.040 |
| MDRI-4D18-3R9 | 3.9 | 100KHz | 0.155 | 0.880 |
| MDRI-4D18-4R7 | 4.7 | 100KHz | 0.162 | 0.840 |
| MDRI-4D18-5R6 | 5.6 | 100KHz | 0.170 | 0.800 |
| MDRI-4D18-6R8 | 6.8 | 100KHz | 0.200 | 0.760 |
| MDRI-4D18-8R2 | 8.2 | 100KHz | 0.245 | 0.680 |
| MDRI-4D18-100 | 10 | 100KHz | 0.260 | 0.610 |
| MDRI-4D18-120 | 12 | 100KHz | 0.280 | 0.560 |
| MDRI-4D18-150 | 15 | 100KHz | 0.310 | 0.500 |
| MDRI-4D18-180 | 18 | 100KHz | 0.338 | 0.480 |
| MDRI-4D18-220 | 22 | 100KHz | 0.397 | 0.410 |
| MDRI-4D18-270 | 27 | 100KHz | 0.441 | 0.350 |
| MDRI-4D18-330 | 33 | 100KHz | 0.694 | 0.320 |
| MDRI-4D18-390 | 39 | 100KHz | 0.709 | 0.300 |

| Part No. | Inductance (μ H) | Freq. (Hz) | DCR(Ω) max | IDC(A) max |
|---------------|-----------------------|------------|---------------------|------------|
| MDRI-4D28-1R2 | 1.2 | 100KHz | 0.024 | 2.560 |
| MDRI-4D28-1R8 | 1.8 | 100KHz | 0.028 | 2.200 |
| MDRI-4D28-2R2 | 2.2 | 100KHz | 0.032 | 2.040 |
| MDRI-4D28-2R7 | 2.7 | 100KHz | 0.044 | 1.600 |
| MDRI-4D28-3R3 | 3.3 | 100KHz | 0.050 | 1.570 |
| MDRI-4D28-3R9 | 3.9 | 100KHz | 0.065 | 1.440 |
| MDRI-4D28-4R7 | 4.7 | 100KHz | 0.072 | 1.320 |
| MDRI-4D28-5R6 | 5.6 | 100KHz | 0.101 | 1.170 |
| MDRI-4D28-6R8 | 6.8 | 100KHz | 0.109 | 1.120 |
| MDRI-4D28-8R2 | 8.2 | 100KHz | 0.118 | 1.040 |
| MDRI-4D28-100 | 10 | 100KHz | 0.129 | 1.000 |

| Part No. | Inductance (μH) | Freq. (Hz) | DCR(Ω) max | IDC(A) max |
|---------------|-----------------|------------|------------|------------|
| MDRI-4D28-120 | 12 | 100KHz | 0.132 | 0.840 |
| MDRI-4D28-150 | 15 | 100KHz | 0.149 | 0.760 |
| MDRI-4D28-180 | 18 | 100KHz | 0.166 | 0.720 |
| MDRI-4D28-220 | 22 | 100KHz | 0.235 | 0.700 |
| MDRI-4D28-270 | 27 | 100KHz | 0.261 | 0.580 |
| MDRI-4D28-330 | 33 | 100KHz | 0.378 | 0.560 |
| MDRI-4D28-390 | 39 | 100KHz | 0.384 | 0.500 |
| MDRI-4D28-470 | 47 | 100KHz | 0.587 | 0.480 |
| MDRI-4D28-560 | 56 | 100KHz | 0.625 | 0.410 |
| MDRI-4D28-680 | 68 | 100KHz | 0.699 | 0.350 |
| MDRI-4D28-820 | 82 | 100KHz | 0.915 | 0.320 |
| MDRI-4D28-101 | 100 | 100KHz | 1.020 | 0.290 |
| MDRI-4D28-121 | 120 | 100KHz | 1.270 | 0.270 |
| MDRI-4D28-151 | 150 | 100KHz | 1.350 | 0.240 |
| MDRI-4D28-181 | 180 | 100KHz | 1.540 | 0.220 |

| Part No. | Inductance (μH) | Freq. (Hz) | DCR(Ω) max | IDC(A) max |
|---------------|-----------------|------------|------------|------------|
| MDRI-5D18-4R1 | 4.1 | 100KHz | 0.057 | 1.950 |
| MDRI-5D18-5R4 | 5.4 | 100KHz | 0.076 | 1.600 |
| MDRI-5D18-6R2 | 6.2 | 100KHz | 0.096 | 1.400 |
| MDRI-5D18-8R9 | 8.9 | 100KHz | 0.116 | 1.250 |
| MDRI-5D18-100 | 10 | 100KHz | 0.124 | 1.200 |
| MDRI-5D18-120 | 12 | 100KHz | 0.153 | 1.100 |
| MDRI-5D18-150 | 15 | 100KHz | 0.196 | 0.970 |
| MDRI-5D18-180 | 18 | 100KHz | 0.210 | 0.850 |
| MDRI-5D18-220 | 22 | 100KHz | 0.290 | 0.800 |
| MDRI-5D18-270 | 27 | 100KHz | 0.330 | 0.750 |
| MDRI-5D18-330 | 33 | 100KHz | 0.386 | 0.650 |
| MDRI-5D18-390 | 39 | 100KHz | 0.520 | 0.570 |
| MDRI-5D18-470 | 47 | 100KHz | 0.595 | 0.540 |
| MDRI-5D18-560 | 56 | 100KHz | 0.665 | 0.500 |
| MDRI-5D18-680 | 68 | 100KHz | 0.840 | 0.430 |
| MDRI-5D18-820 | 82 | 100KHz | 0.978 | 0.410 |
| MDRI-5D18-101 | 100 | 100KHz | 1.150 | 0.360 |

| Part No. | Inductance (μH) | Freq. (Hz) | DCR(Ω) max | IDC(A) max |
|---------------|-----------------|------------|------------|------------|
| MDRI-5D28-2R6 | 2.6 | 100KHz | 0.018 | 2.600 |
| MDRI-5D28-3R0 | 3.0 | 100KHz | 0.024 | 2.400 |
| MDRI-5D28-4R2 | 4.2 | 100KHz | 0.031 | 2.200 |
| MDRI-5D28-5R3 | 5.3 | 100KHz | 0.038 | 1.900 |
| MDRI-5D28-6R2 | 6.2 | 100KHz | 0.045 | 1.800 |
| MDRI-5D28-8R2 | 8.2 | 100KHz | 0.053 | 1.600 |
| MDRI-5D28-100 | 10 | 100KHz | 0.065 | 1.300 |

| Part No. | Inductance (μH) | Freq. (Hz) | DCR(Ω) max | IDC(A) max |
|---------------|-----------------|------------|------------|------------|
| MDRI-5D28-120 | 12 | 100KHz | 0.076 | 1.200 |
| MDRI-5D28-150 | 15 | 100KHz | 0.103 | 1.100 |
| MDRI-5D28-180 | 18 | 100KHz | 0.110 | 1.000 |
| MDRI-5D28-220 | 22 | 100KHz | 0.122 | 0.900 |
| MDRI-5D28-270 | 27 | 100KHz | 0.175 | 0.850 |
| MDRI-5D28-330 | 33 | 100KHz | 0.189 | 0.750 |
| MDRI-5D28-390 | 39 | 100KHz | 0.212 | 0.700 |
| MDRI-5D28-470 | 47 | 100KHz | 0.260 | 0.620 |
| MDRI-5D28-560 | 56 | 100KHz | 0.305 | 0.580 |
| MDRI-5D28-680 | 68 | 100KHz | 0.355 | 0.520 |
| MDRI-5D28-820 | 82 | 100KHz | 0.460 | 0.460 |
| MDRI-5D28-101 | 100 | 100KHz | 0.520 | 0.420 |

| Part No. | Inductance (μH) | Freq. (Hz) | DCR(Ω) max | IDC(A) max |
|---------------|-----------------|------------|------------|------------|
| MDRI-6D28-3R0 | 3.0 | 100KHz | 0.024 | 3.000 |
| MDRI-6D28-3R9 | 3.9 | 100KHz | 0.027 | 2.600 |
| MDRI-6D28-5R0 | 5.0 | 100KHz | 0.031 | 2.400 |
| MDRI-6D28-6R0 | 6.0 | 100KHz | 0.035 | 2.250 |
| MDRI-6D28-7R3 | 7.3 | 100KHz | 0.054 | 2.100 |
| MDRI-6D28-8R6 | 8.6 | 100KHz | 0.058 | 1.850 |
| MDRI-6D28-100 | 10 | 100KHz | 0.065 | 1.700 |
| MDRI-6D28-120 | 12 | 100KHz | 0.070 | 1.550 |
| MDRI-6D28-150 | 15 | 100KHz | 0.084 | 1.400 |
| MDRI-6D28-180 | 18 | 100KHz | 0.095 | 1.320 |
| MDRI-6D28-220 | 22 | 100KHz | 0.128 | 1.200 |
| MDRI-6D28-270 | 27 | 100KHz | 0.142 | 1.050 |
| MDRI-6D28-330 | 33 | 100KHz | 0.165 | 0.970 |
| MDRI-6D28-390 | 39 | 100KHz | 0.210 | 0.860 |
| MDRI-6D28-470 | 47 | 100KHz | 0.238 | 0.800 |
| MDRI-6D28-560 | 56 | 100KHz | 0.277 | 0.730 |
| MDRI-6D28-680 | 68 | 100KHz | 0.304 | 0.650 |
| MDRI-6D28-820 | 82 | 100KHz | 0.390 | 0.600 |
| MDRI-6D28-101 | 100 | 100KHz | 0.535 | 0.540 |

| Part No. | Inductance (μH) | Freq. (Hz) | DCR(Ω) max | IDC(A) max |
|---------------|-----------------|------------|------------|------------|
| MDRI-6D38-3R3 | 3.3 | 100KHz | 0.020 | 3.500 |
| MDRI-6D38-5R0 | 5.0 | 100KHz | 0.024 | 2.900 |
| MDRI-6D38-6R2 | 6.2 | 100KHz | 0.027 | 2.500 |
| MDRI-6D38-7R4 | 7.4 | 100KHz | 0.031 | 2.300 |
| MDRI-6D38-8R6 | 8.6 | 100KHz | 0.034 | 2.200 |
| MDRI-6D38-100 | 10 | 100KHz | 0.038 | 2.000 |
| MDRI-6D38-120 | 12 | 100KHz | 0.053 | 1.700 |
| MDRI-6D38-150 | 15 | 100KHz | 0.057 | 1.600 |

| Part No. | Inductance (μH) | Freq. (Hz) | DCR(Ω) max | IDC(A) max |
|---------------|-----------------|------------|------------|------------|
| MDRI-6D38-180 | 18 | 100KHz | 0.092 | 1.500 |
| MDRI-6D38-220 | 22 | 100KHz | 0.096 | 1.300 |
| MDRI-6D38-270 | 27 | 100KHz | 0.109 | 1.200 |
| MDRI-6D38-330 | 33 | 100KHz | 0.124 | 1.100 |
| MDRI-6D38-390 | 39 | 100KHz | 0.138 | 1.000 |
| MDRI-6D38-470 | 47 | 100KHz | 0.155 | 0.950 |
| MDRI-6D38-560 | 56 | 100KHz | 0.210 | 0.850 |
| MDRI-6D38-680 | 68 | 100KHz | 0.234 | 0.750 |
| MDRI-6D38-820 | 82 | 100KHz | 0.324 | 0.700 |
| MDRI-6D38-101 | 100 | 100KHz | 0.358 | 0.650 |

| Part No. | Inductance (μH) | Freq. (Hz) | DCR(Ω) max | IDC(A) max |
|---------------|-----------------|------------|------------|------------|
| MDRI-8D43-1R0 | 1.0 | 100KHz | 0.013 | 8.000 |
| MDRI-8D43-1R2 | 1.2 | 100KHz | 0.013 | 8.000 |
| MDRI-8D43-2R0 | 2.0 | 100KHz | 0.014 | 7.000 |
| MDRI-8D43-2R2 | 2.2 | 100KHz | 0.016 | 6.800 |
| MDRI-8D43-3R6 | 3.6 | 100KHz | 0.019 | 5.900 |
| MDRI-8D43-3R9 | 3.9 | 100KHz | 0.019 | 5.900 |
| MDRI-8D43-4R7 | 4.7 | 100KHz | 0.022 | 5.600 |
| MDRI-8D43-6R8 | 6.8 | 100KHz | 0.025 | 4.400 |
| MDRI-8D43-8R2 | 8.2 | 100KHz | 0.033 | 4.200 |
| MDRI-8D43-100 | 10 | 100KHz | 0.036 | 4.000 |
| MDRI-8D43-150 | 15 | 100KHz | 0.062 | 2.900 |
| MDRI-8D43-220 | 22 | 100KHz | 0.075 | 2.600 |
| MDRI-8D43-330 | 33 | 100KHz | 0.125 | 2.200 |
| MDRI-8D43-470 | 47 | 100KHz | 0.150 | 1.800 |
| MDRI-8D43-680 | 68 | 100KHz | 0.240 | 1.500 |
| MDRI-8D43-101 | 100 | 100KHz | 0.360 | 1.300 |
| MDRI-8D43-121 | 120 | 100KHz | 0.510 | 1.000 |

| Part No. | Inductance (μH) | Freq. (Hz) | DCR(Ω) max | IDC(A) max |
|----------------|-----------------|------------|------------|------------|
| MDRI-10D30-1R5 | 1.5 | 100KHz | 0.011 | 8.000 |
| MDRI-10D30-2R2 | 2.2 | 100KHz | 0.017 | 6.700 |
| MDRI-10D30-3R3 | 3.3 | 100KHz | 0.021 | 5.560 |
| MDRI-10D30-4R7 | 4.7 | 100KHz | 0.030 | 4.650 |
| MDRI-10D30-6R8 | 6.8 | 100KHz | 0.035 | 3.840 |
| MDRI-10D30-8R2 | 8.2 | 100KHz | 0.050 | 3.540 |
| MDRI-10D30-100 | 10 | 100KHz | 0.059 | 3.180 |
| MDRI-10D30-150 | 15 | 100KHz | 0.091 | 2.600 |
| MDRI-10D30-220 | 22 | 100KHz | 0.143 | 2.160 |
| MDRI-10D30-270 | 27 | 100KHz | 0.180 | 1.800 |
| MDRI-10D30-330 | 33 | 100KHz | 0.202 | 1.740 |
| MDRI-10D30-390 | 39 | 100KHz | 0.250 | 1.600 |
| MDRI-10D30-470 | 47 | 100KHz | 0.299 | 1.430 |

| Part No. | Inductance (μH) | Freq. (Hz) | DCR(Ω) max | IDC(A) max |
|----------------|-----------------|------------|------------|------------|
| MDRI-10D30-560 | 56 | 100KHz | 0.325 | 1.360 |
| MDRI-10D30-680 | 68 | 100KHz | 0.429 | 1.220 |
| MDRI-10D30-820 | 82 | 100KHz | 0.494 | 1.140 |
| MDRI-10D30-101 | 100 | 100KHz | 0.683 | 1.020 |
| MDRI-10D30-121 | 120 | 100KHz | 0.754 | 0.890 |
| MDRI-10D30-151 | 150 | 100KHz | 0.871 | 0.840 |

| Part No. | Inductance (μH) | Freq. (Hz) | DCR(Ω) max | IDC(A) max |
|----------------|-----------------|------------|------------|------------|
| MDRI-10D40-1R0 | 1.0 | 100KHz | 0.007 | 10.000 |
| MDRI-10D40-1R5 | 1.5 | 100KHz | 0.009 | 8.300 |
| MDRI-10D40-2R5 | 2.5 | 100KHz | 0.011 | 7.500 |
| MDRI-10D40-3R8 | 3.8 | 100KHz | 0.013 | 6.000 |
| MDRI-10D40-5R2 | 5.2 | 100KHz | 0.022 | 5.500 |
| MDRI-10D40-6R8 | 6.8 | 100KHz | 0.027 | 4.800 |
| MDRI-10D40-100 | 10 | 100KHz | 0.035 | 4.400 |
| MDRI-10D40-150 | 15 | 100KHz | 0.050 | 3.600 |
| MDRI-10D40-220 | 22 | 100KHz | 0.073 | 2.900 |
| MDRI-10D40-330 | 33 | 100KHz | 0.093 | 2.300 |
| MDRI-10D40-470 | 47 | 100KHz | 0.128 | 2.100 |
| MDRI-10D40-560 | 56 | 100KHz | 0.180 | 1.700 |
| MDRI-10D40-680 | 68 | 100KHz | 0.213 | 1.500 |
| MDRI-10D40-101 | 100 | 100KHz | 0.304 | 1.350 |
| MDRI-10D40-151 | 150 | 100KHz | 0.506 | 1.150 |
| MDRI-10D40-221 | 220 | 100KHz | 0.756 | 0.920 |
| MDRI-10D40-331 | 330 | 100KHz | 1.090 | 0.720 |

| Part No. | Inductance (μH) | Freq. (Hz) | DCR(Ω) max | IDC(A) max |
|----------------|-----------------|------------|------------|------------|
| MDRI-10D50-1R5 | 1.5 | 100KHz | 0.006 | 8.300 |
| MDRI-10D50-2R2 | 2.2 | 100KHz | 0.007 | 7.500 |
| MDRI-10D50-3R3 | 3.3 | 100KHz | 0.011 | 6.500 |
| MDRI-10D50-4R7 | 4.7 | 100KHz | 0.013 | 6.100 |
| MDRI-10D50-6R8 | 6.8 | 100KHz | 0.018 | 5.400 |
| MDRI-10D50-8R2 | 8.2 | 100KHz | 0.020 | 5.000 |
| MDRI-10D50-100 | 10 | 100KHz | 0.026 | 4.500 |
| MDRI-10D50-120 | 12 | 100KHz | 0.033 | 3.800 |
| MDRI-10D50-150 | 15 | 100KHz | 0.041 | 3.400 |
| MDRI-10D50-180 | 18 | 100KHz | 0.046 | 3.100 |
| MDRI-10D50-220 | 22 | 100KHz | 0.061 | 2.900 |
| MDRI-10D50-270 | 27 | 100KHz | 0.069 | 2.600 |
| MDRI-10D50-330 | 33 | 100KHz | 0.084 | 2.500 |
| MDRI-10D50-390 | 39 | 100KHz | 0.106 | 2.250 |
| MDRI-10D50-470 | 47 | 100KHz | 0.130 | 2.000 |
| MDRI-10D50-560 | 56 | 100KHz | 0.149 | 1.900 |

| Part No. | Inductance (μH) | Freq. (Hz) | DCR(Ω) max | IDC(A) max |
|----------------|-----------------|------------|------------|------------|
| MDRI-10D50-680 | 68 | 100KHz | 0.201 | 1.600 |
| MDRI-10D50-820 | 82 | 100KHz | 0.227 | 1.450 |
| MDRI-10D50-101 | 100 | 100KHz | 0.253 | 1.350 |