

- Power Inductors (Unshielded)**

Ordering Code:

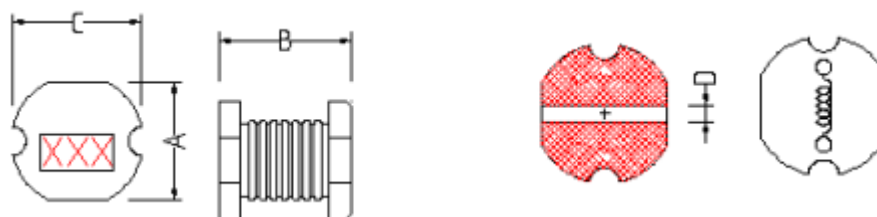
- (1) Type
- (2) Dimensions
- (3) Inductance
- (4) Tolerance (J=±5%, K=±10%, L=±15%, M=±20%)

Application:

Power supply for VTR, OA equipment, LCD panel, laptops, DC/DC converters, etc...



Features:



Electrical Characteristics:

| Part Number | Impedance (μH) | Freq. Tested (MHz) | Rdc (Ω) Max | Idc (A) Max |
|-------------|--------------------------------|-----------------------|----------------------|-------------|
| JM 43-1R0M | 1.0 | 7.96 | 0.033 | 3.80 |
| JM 43-1R4M | 1.4 | 7.96 | 0.038 | 3.30 |
| JM 43-1R8M | 1.8 | 7.96 | 0.042 | 2.91 |
| JM 43-2R2M | 2.2 | 7.96 | 0.047 | 2.60 |
| JM 43-2R7M | 2.7 | 7.96 | 0.052 | 2.43 |
| JM 43-3R3M | 3.3 | 7.96 | 0.058 | 2.15 |
| JM 43-3R9M | 3.9 | 7.96 | 0.076 | 1.98 |
| JM 43-4R7M | 4.7 | 7.96 | 0.094 | 1.70 |
| JM 43-5R6M | 5.6 | 7.96 | 0.101 | 1.60 |
| JM 43-6R8M | 6.8 | 7.96 | 0.117 | 1.41 |
| JM 43-8R2M | 8.2 | 7.96 | 0.132 | 1.26 |
| JM 43-100M | 10 | 2.52 | 0.182 | 1.15 |
| JM 43-120M | 12 | 2.52 | 0.21 | 1.05 |
| JM 43-150M | 15 | 2.52 | 0.235 | 0.92 |
| JM 43-180M | 18 | 2.52 | 0.338 | 0.84 |
| JM 43-220M | 22 | 2.52 | 0.378 | 0.76 |
| JM 43-270M | 27 | 2.52 | 0.522 | 0.71 |
| JM 43-330K | 33 | 2.52 | 0.54 | 0.64 |
| JM 43-390K | 39 | 2.52 | 0.587 | 0.59 |
| JM 43-470K | 47 | 2.52 | 0.844 | 0.54 |
| JM 43-560K | 56 | 2.52 | 0.937 | 0.50 |
| JM 43-680K | 68 | 2.52 | 1.117 | 0.46 |

| Part Number | Impedance (uH) | Freq. Tested (MHz) | Rdc (Ω) Max | Idc (A) Max |
|-------------|----------------|--------------------|----------------------|-------------|
| JM54-100M | 10 | 2.52 | 0.10 | 1.44 |
| JM54-120M | 12 | 2.52 | 0.12 | 1.40 |
| JM54-150M | 15 | 2.52 | 0.14 | 1.30 |
| JM54-180M | 18 | 2.52 | 0.15 | 1.23 |
| JM54-220M | 22 | 2.52 | 0.18 | 1.11 |
| JM54-270M | 27 | 2.52 | 0.2 | 0.97 |
| JM54-330M | 33 | 2.52 | 0.23 | 0.88 |
| JM54-390M | 39 | 2.52 | 0.32 | 0.80 |
| JM54-470L | 47 | 2.52 | 0.37 | 0.72 |
| JM54-560K | 56 | 2.52 | 0.42 | 0.68 |
| JM54-680K | 68 | 2.52 | 0.46 | 0.61 |
| JM54-820K | 82 | 2.52 | 0.6 | 0.58 |
| JM54-101K | 100 | 0.001 | 0.7 | 0.52 |
| JM54-121K | 120 | 0.001 | 0.93 | 0.48 |
| JM54-151K | 150 | 0.001 | 1.1 | 0.40 |
| JM54-181K | 180 | 0.001 | 1.38 | 0.38 |
| JM54-221K | 220 | 0.001 | 1.57 | 0.35 |

| Part Number | Impedance (uH) | Freq. Tested (MHz) | Rdc (Ω) Max | Idc (A) Max |
|-------------|----------------|--------------------|----------------------|-------------|
| JM73-100M | 10 | 2.52 | 0.08 | 1.44 |
| JM73-120M | 12 | 2.52 | 0.09 | 1.39 |
| JM73-150M | 15 | 2.52 | 0.10 | 1.24 |
| JM73-180M | 18 | 2.52 | 0.11 | 1.12 |
| JM73-220M | 22 | 2.52 | 0.13 | 1.07 |
| JM73-270M | 27 | 2.52 | 0.15 | 0.94 |
| JM73-330K | 33 | 2.52 | 0.17 | 0.85 |
| JM73-390K | 39 | 2.52 | 0.22 | 0.74 |
| JM73-470K | 47 | 2.52 | 0.25 | 0.68 |
| JM73-560K | 56 | 2.52 | 0.28 | 0.64 |
| JM73-680K | 68 | 2.52 | 0.33 | 0.59 |
| JM73-820K | 82 | 2.52 | 0.41 | 0.54 |
| JM73-101K | 100 | 0.001 | 0.48 | 0.51 |
| JM73-121K | 120 | 0.001 | 0.54 | 0.49 |
| JM73-151K | 150 | 0.001 | 0.75 | 0.40 |
| JM73-181K | 180 | 0.001 | 1.02 | 0.36 |
| JM73-221K | 220 | 0.001 | 1.20 | 0.31 |
| JM73-271K | 270 | 0.001 | 1.31 | 0.29 |
| JM73-331K | 330 | 0.001 | 1.50 | 0.28 |

| Part Number | Impedance (μ H) | Freq. Tested (M H z) | Rdc (Ω) Max | Idc (A) Max |
|-------------|-------------------------|-------------------------|----------------------|-------------|
| JM75-100M | 10 | 2.52 | 0.07 | 2.30 |
| JM75-120M | 12 | 2.52 | 0.08 | 2.00 |
| JM75-150M | 15 | 2.52 | 0.09 | 1.80 |
| JM75-180M | 18 | 2.52 | 0.10 | 1.60 |
| JM75-220M | 22 | 2.52 | 0.11 | 1.50 |
| JM75-270M | 27 | 2.52 | 0.12 | 1.30 |
| JM75-330K | 33 | 2.52 | 0.13 | 1.20 |
| JM75-390K | 39 | 2.52 | 0.16 | 1.10 |
| JM75-470K | 47 | 2.52 | 0.18 | 1.10 |
| JM75-560K | 56 | 2.52 | 0.24 | 0.94 |
| JM75-680K | 68 | 2.52 | 0.28 | 0.85 |
| JM75-820K | 82 | 2.52 | 0.37 | 0.78 |
| JM75-101K | 100 | 0.001 | 0.43 | 0.72 |
| JM75-121K | 120 | 0.001 | 0.47 | 0.66 |
| JM75-151K | 150 | 0.001 | 0.64 | 0.58 |
| JM75-181K | 180 | 0.001 | 0.71 | 0.51 |
| JM75-221K | 220 | 0.001 | 0.96 | 0.49 |
| JM75-271K | 270 | 0.001 | 1.11 | 0.42 |
| JM75-331K | 330 | 0.001 | 1.26 | 0.40 |
| JM75-391K | 390 | 0.001 | 1.77 | 0.36 |
| JM75-471K | 470 | 0.001 | 1.96 | 0.34 |

| Part Number | Impedance (μ H) | Freq. Tested (M H z) | Rdc (Ω) Max | Idc (A) Max |
|-------------|-------------------------|-------------------------|----------------------|-------------|
| JM105-100M | 10 | 2.52 | 0.06 | 2.60 |
| JM105-120M | 12 | 2.52 | 0.07 | 2.45 |
| JM105-150M | 15 | 2.52 | 0.08 | 2.27 |
| JM105-180M | 18 | 2.52 | 0.09 | 2.15 |
| JM105-220M | 22 | 2.52 | 0.10 | 1.95 |
| JM105-270M | 27 | 2.52 | 0.11 | 1.76 |
| JM105-330M | 33 | 2.52 | 0.12 | 1.50 |
| JM105-390M | 39 | 2.52 | 0.14 | 1.37 |
| JM105-470K | 47 | 2.52 | 0.17 | 1.28 |
| JM105-560K | 56 | 2.52 | 0.19 | 1.17 |
| JM105-680K | 68 | 2.52 | 0.22 | 1.11 |
| JM105-820K | 82 | 2.52 | 0.25 | 1.00 |
| JM105-101K | 100 | 0.001 | 0.35 | 0.97 |
| JM105-121K | 120 | 0.001 | 0.40 | 0.89 |
| JM105-151K | 150 | 0.001 | 0.47 | 0.78 |
| JM105-181K | 180 | 0.001 | 0.63 | 0.72 |
| JM105-221K | 220 | 0.001 | 0.73 | 0.66 |
| JM105-271K | 270 | 0.001 | 0.97 | 0.57 |
| JM105-331K | 330 | 0.001 | 1.15 | 0.52 |
| JM105-391K | 390 | 0.001 | 1.30 | 0.48 |
| JM105-471K | 470 | 0.001 | 1.48 | 0.42 |
| JM105-561K | 560 | 0.001 | 1.90 | 0.33 |
| JM105-681K | 680 | 0.001 | 2.25 | 0.28 |
| JM105-821K | 820 | 0.001 | 2.55 | 0.24 |