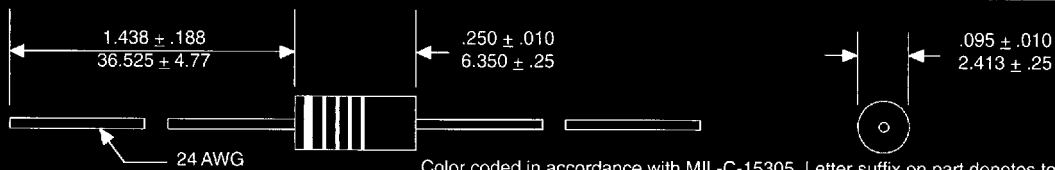


GOWANDA

R.F. MOLDED CHOKES

- Style – Phenolic: LT 4, Grade 1, Class B
Powdered Iron & Ferrite: LT 10, Grade 1, Class A
- Maximum Operating Temp. – Phenolic: -55° to +125°C
Powdered Iron & Ferrite: -55° to +105°C
- Maximum Temperature Rise- Phenolic: 35°C
Powdered Iron & Ferrite: 15°C
- Ambient Temperature: 90°C
- Dielectric Withstanding Voltage (sea level): 1000 VRMS
(reduced barometric pressure): 300 VRMS Phenolic;
200 VRMS Powdered Iron & Ferrite
- Terminal Pull: 5 pounds
- Altitude: 70,000 feet
- Phenolic: .10 - 1.0 μ H
Powdered Iron: 1.2 - 27 μ H
Ferrite: 33 - 1000 μ H



| PART NUMBER | MS PART DESIGNATION | INDUCTANCE μ H | Q MIN. | TEST FREQ. (L&Q) MHz | SRF (MIN) MHz | DCR (MAX) ohms | RATED DC CURRENT mA | |
|-------------|---------------------|--------------------|----------------|----------------------|---------------|----------------|---------------------|------|
| 10M100K | 10M110J | 75083-1 | .10 \pm 10% | 40 | 25 | .680 | .08 | 1350 |
| 10M120K | 10M130J | 75083-2 | .11 \pm 5% | 40 | 25 | .660 | .085 | 1309 |
| 10M150K | | 75083-3 | .12 \pm 10% | 40 | 25 | .640 | .09 | 1270 |
| | | | .13 \pm 5% | 38 | 25 | .625 | .095 | 1239 |
| | | | .15 \pm 10% | 38 | 25 | .600 | .10 | 1200 |
| 10M180K | 10M160J | 75083-4 | .16 \pm 5% | 35 | 25 | .580 | .11 | 1151 |
| | 10M200J | | .18 \pm 10% | 35 | 25 | .550 | .12 | 1105 |
| 10M220K | 10M240J | 75083-5 | .20 \pm 5% | 33 | 25 | .530 | .13 | 1059 |
| | | | .22 \pm 10% | 33 | 25 | .510 | .14 | 1025 |
| | | | .24 \pm 5% | 33 | 25 | .475 | .15 | 986 |
| 10M270K | 10M300J | 75083-6 | .27 \pm 10% | 33 | 25 | .430 | .16 | 960 |
| 10M330K | 10M360J | 75083-7 | .30 \pm 5% | 30 | 25 | .420 | .19 | 876 |
| | | | .33 \pm 10% | 30 | 25 | .410 | .22 | 815 |
| 10M390K | | 75083-8 | .36 \pm 5% | 30 | 25 | .385 | .26 | 749 |
| | | | .39 \pm 10% | 30 | 25 | .365 | .30 | 700 |
| 10M470K | 10M430J | 75083-9 | .43 \pm 5% | 30 | 25 | .345 | .325 | 670 |
| | 10M510J | | .47 \pm 10% | 30 | 25 | .330 | .35 | 650 |
| 10M560K | 10M620J | 75083-10 | .51 \pm 5% | 30 | 25 | .310 | .42 | 589 |
| | | | .56 \pm 10% | 30 | 25 | .300 | .50 | 545 |
| | | | .62 \pm 5% | 28 | 25 | .290 | .55 | 515 |
| 10M680K | 10M750J | 75083-11 | .68 \pm 10% | 28 | 25 | .275 | .60 | 495 |
| | 10M820K | 75083-12 | .75 \pm 5% | 28 | 25 | .265 | .71 | 453 |
| | 10M910J | | .82 \pm 10% | 28 | 25 | .250 | .85 | 415 |
| 10M101K | | 75083-13 | .91 \pm 5% | 25 | 25 | .240 | .925 | 397 |
| | | | 1.00 \pm 10% | 25 | 25 | .230 | 1.0 | 385 |
| 10M121K | 10M111J | 75084-1 | 1.1 \pm 5% | 25 | 7.9 | .165 | .17 | 607 |
| | 10M131J | | 1.2 \pm 10% | 25 | 7.9 | .150 | .18 | 590 |
| 10M151K | 10M161J | 75084-2 | 1.3 \pm 5% | 28 | 7.9 | .145 | .20 | 560 |
| | | | 1.5 \pm 10% | 28 | 7.9 | .140 | .22 | 535 |
| | | | 1.6 \pm 5% | 30 | 7.9 | .135 | .25 | 501 |
| 10M181K | 10M201J | 75084-3 | 1.8 \pm 10% | 30 | 7.9 | .125 | .30 | 455 |
| | 10M221K | 75084-4 | 2.0 \pm 5% | 30 | 7.9 | .120 | .35 | 425 |
| | 10M241J | | 2.2 \pm 10% | 30 | 7.9 | .115 | .40 | 395 |
| 10M271K | | 75084-5 | 2.4 \pm 5% | 37 | 7.9 | .109 | .46 | 380 |
| | | | 2.7 \pm 10% | 37 | 7.9 | .100 | .55 | 355 |
| 10M331K | 10M301J | 75084-6 | 3.0 \pm 5% | 45 | 7.9 | .95 | .70 | 299 |
| | 10M361J | | 3.3 \pm 10% | 45 | 7.9 | .90 | .85 | 270 |
| 10M391K | 10M431J | 75084-7 | 3.6 \pm 5% | 45 | 7.9 | .85 | .925 | 260 |
| | | | 3.9 \pm 10% | 45 | 7.9 | .80 | 1.00 | 250 |
| | | | 4.3 \pm 5% | 45 | 7.9 | .77 | 1.10 | 240 |

GOWANDA Series 10 RF Molded Chokes

| PART NUMBER | | MS PART DESIGNATION | INDUCTANCE μ H | Q MIN. | TEST FREQ. (L&Q) MHz | SRF (MIN) MHz | DCR (MAX) ohms | RATED DC CURRENT mA |
|-------------|---------|---------------------|--------------------|--------------|----------------------|---------------|----------------|---------------------|
| 10M471K | 10M511J | 75084-8 | 4.7 \pm 10% | 45 | 7.9 | 75 | 1.20 | 230 |
| 10M561K | | 75084-9 | 5.1 \pm 5% | 50 | 7.9 | 69 | 1.47 | 216 |
| 10M681K | 10M621J | 75084-10 | 5.6 \pm 10% | 50 | 7.9 | 65 | 1.80 | 185 |
| | 10M621J | | 6.2 \pm 5% | 50 | 7.9 | 62 | 1.90 | 180 |
| 10M821K | 10M751J | 75084-11 | 6.8 \pm 10% | 50 | 7.9 | 60 | 2.00 | 180 |
| | 10M911J | | 7.5 \pm 5% | 50 | 7.9 | 57 | 2.35 | 165 |
| 10M102K | 10M911J | 75084-11 | 8.2 \pm 10% | 55 | 7.9 | 55 | 2.70 | 155 |
| | | | 75084-12 | 9.1 \pm 5% | 55 | 7.9 | 52 | 3.00 |
| 10M122K | 10M112J | 75084-13 | 10 \pm 10% | 55 | 7.9 | 50 | 3.70 | 130 |
| | 10M132J | | 11 \pm 5% | 45 | 2.5 | 45 | 2.60 | 156 |
| 10M152K | 10M162J | 75084-14 | 12 \pm 10% | 45 | 2.5 | 40 | 2.70 | 155 |
| | | | 10M162J | 13 \pm 5% | 45 | 2.5 | 38 | 2.80 |
| 10M182K | 10M202J | 75084-15 | 15 \pm 10% | 45 | 2.5 | 35 | 2.80 | 150 |
| | | | 10M202J | 16 \pm 5% | 45 | 2.5 | 33 | 2.90 |
| 10M222K | 10M242J | 75084-16 | 18 \pm 10% | 50 | 2.5 | 30 | 3.10 | 145 |
| | | | 10M242J | 20 \pm 5% | 50 | 2.5 | 27.5 | 3.20 |
| 10M272K | 10M302J | 75084-17 | 22 \pm 10% | 50 | 2.5 | 25 | 3.30 | 140 |
| | | | 10M302J | 24 \pm 5% | 50 | 2.5 | 23 | 3.40 |
| 10M332K | 10M362J | 75085-1 | 27 \pm 10% | 50 | 2.5 | 20 | 3.50 | 135 |
| | | | 10M362J | 30 \pm 5% | 45 | 2.5 | 22 | 3.30 |
| 10M392K | 10M432J | 75085-2 | 33 \pm 10% | 45 | 2.5 | 24 | 3.40 | 130 |
| | | | 10M432J | 36 \pm 5% | 45 | 2.5 | 23 | 3.50 |
| 10M472K | 10M512J | 75085-3 | 39 \pm 10% | 45 | 2.5 | 22 | 3.60 | 125 |
| | | | 10M512J | 43 \pm 5% | 45 | 2.5 | 21 | 4.10 |
| 10M562K | 10M622J | 75085-4 | 47 \pm 10% | 45 | 2.5 | 20 | 4.50 | 110 |
| | | | 10M622J | 51 \pm 5% | 45 | 2.5 | 19 | 5.00 |
| 10M682K | 10M752J | 75085-5 | 56 \pm 10% | 45 | 2.5 | 18 | 5.70 | 100 |
| | | | 10M752J | 62 \pm 5% | 50 | 2.5 | 16.5 | 6.20 |
| 10M822K | 10M912J | 75085-6 | 68 \pm 10% | 50 | 2.5 | 15 | 6.70 | 92 |
| | | | 10M912J | 75 \pm 5% | 50 | 2.5 | 14.5 | 7.0 |
| 10M103K | 10M113J | 75085-7 | 82 \pm 10% | 50 | 2.5 | 14 | 7.3 | 88 |
| | | | 10M113J | 91 \pm 5% | 50 | 2.5 | 13.5 | 7.7 |
| 10M123K | 10M133J | 75085-8 | 100 \pm 10% | 50 | 2.5 | 13 | 8.0 | 84 |
| | | | 10M133J | 110 \pm 5% | 30 | .79 | 12.5 | 11.0 |
| 10M153K | 10M163J | 75085-9 | 120 \pm 10% | 30 | .79 | 12 | 13 | 66 |
| | | | 10M163J | 130 \pm 5% | 30 | .79 | 11.5 | 14 |
| 10M183K | 10M203J | 75085-10 | 150 \pm 10% | 30 | .79 | 11 | 15 | 61 |
| | | | 10M203J | 160 \pm 5% | 30 | .79 | 10.5 | 16 |
| 10M223K | 10M243J | 75085-11 | 180 \pm 10% | 30 | .79 | 10 | 17 | 57 |
| | | | 10M243J | 200 \pm 5% | 30 | .79 | 9.5 | 19 |
| 10M273K | 10M303J | 75085-12 | 220 \pm 10% | 30 | .79 | 9 | 21 | 52 |
| | | | 10M303J | 240 \pm 5% | 30 | .79 | 8.5 | 23 |
| 10M333K | 10M363J | 75085-13 | 270 \pm 10% | 30 | .79 | 8 | 25 | 47 |
| | | | 10M363J | 300 \pm 5% | 30 | .79 | 7.5 | 27 |
| 10M393K | 10M433J | 75085-14 | 330 \pm 10% | 30 | .79 | 7 | 28 | 45 |
| | | | 10M433J | 360 \pm 5% | 30 | .79 | 6.75 | 32 |
| 10M473K | 10M513J | 75085-15 | 390 \pm 10% | 30 | .79 | 6.5 | 35 | 40 |
| | | | 10M513J | 430 \pm 5% | 30 | .79 | 6.25 | 39 |
| 10M563K | 10M623J | 75085-16 | 470 \pm 10% | 30 | .79 | 6 | 42 | 36 |
| | | | 10M623J | 510 \pm 5% | 30 | .79 | 5.5 | 44 |
| 10M683K | 10M753J | 75085-17 | 560 \pm 10% | 30 | .79 | 5 | 46 | 35 |
| | | | 10M753J | 620 \pm 5% | 30 | .79 | 4.6 | 53 |
| 10M823K | 10M913J | 75085-18 | 680 \pm 10% | 30 | .79 | 4 | 60 | 30 |
| | | | 10M913J | 750 \pm 5% | 30 | .79 | 4 | 63 |
| 10M104K | 10M913J | 75085-19 | 820 \pm 10% | 30 | .79 | 3.8 | 65 | 29 |
| | | | 10M913J | 910 \pm 5% | 30 | .79 | 3.6 | 69 |
| | | | 1000 \pm 10% | 30 | .79 | 3.4 | 72 | 28 |

Color Coded in accordance with MIL-C-15305.
Letter suffix on part number denotes tolerance.