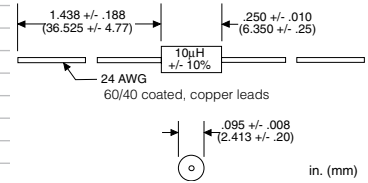


10MG Molded RF Non-Magnetic Core Inductors

PART NUMBER	COTS MIL SPEC DESIGNATION	INDUCTANCE μ H	Q (MIN)	TEST FREQ. (L&Q) MHz	SRF (MIN) MHz	DCR (MAX) OHMS	CURRENT RATING DC mA
10MG100K	75083-1	.10 \pm 10%	40	25	680	.08	1350
10MG110J		.11 \pm 5%	40	25	660	.085	1309
10MG120K	75083-2	.12 \pm 10%	40	25	640	.09	1270
10MG130J		.13 \pm 5%	38	25	625	.095	1239
10MG150K	75083-3	.15 \pm 10%	38	25	600	.10	1200
10MG160J		.16 \pm 5%	35	25	580	.11	1151
10MG180K	75083-4	.18 \pm 10%	35	25	550	.12	1105
10MG200J		.20 \pm 5%	33	25	530	.13	1059
10MG220K	75083-5	.22 \pm 10%	33	25	510	.14	1025
10MG240J		.24 \pm 5%	33	25	475	.15	986
10MG270K	75083-6	.27 \pm 10%	33	25	430	.16	960
10MG300J		.30 \pm 5%	30	25	420	.19	876
10MG330K	75083-7	.33 \pm 10%	30	25	410	.22	815
10MG360J		.36 \pm 5%	30	25	385	.26	749
10MG390K	75083-8	.39 \pm 10%	30	25	365	.30	700
10MG430J		.43 \pm 5%	30	25	345	.325	670
10MG470K	75083-9	.47 \pm 10%	30	25	330	.35	650
10MG510J		.51 \pm 5%	30	25	310	.42	589
10MG560K	75083-10	.56 \pm 10%	30	25	300	.50	545
10MG620J		.62 \pm 5%	28	25	290	.55	515
10MG680K	75083-11	.68 \pm 10%	28	25	275	.60	495
10MG750J		.75 \pm 5%	28	25	265	.71	453
10MG820K	75083-12	.82 \pm 10%	28	25	250	.85	415
10MG910J		.91 \pm 5%	25	25	240	.925	397
10MG101K	75083-13	1.0 \pm 10%	25	25	230	1.00	385
10MG111J		1.1 \pm 5%	25	7.9	165	.17	607
10MG121K	75084-1	1.2 \pm 10%	25	7.9	150	.18	590
10MG131J		1.3 \pm 5%	28	7.9	145	.20	560
10MG151K	75084-2	1.5 \pm 10%	28	7.9	140	.22	535
10MG161J		1.6 \pm 5%	30	7.9	135	.25	501
10MG181K	75084-3	1.8 \pm 10%	30	7.9	125	.30	455
10MG201J		2.0 \pm 5%	30	7.9	120	.35	425
10MG221K	75084-4	2.2 \pm 10%	30	7.9	115	.40	395
10MG241J		2.4 \pm 5%	37	7.9	109	.46	380
10MG271K	75084-5	2.7 \pm 10%	37	7.9	100	.55	355
10MG301J		3.0 \pm 5%	45	7.9	95	.70	299
10MG331K	75084-6	3.3 \pm 10%	45	7.9	90	.85	270
10MG361J		3.6 \pm 5%	45	7.9	85	.925	260
10MG391K	75084-7	3.9 \pm 10%	45	7.9	80	1.00	250
10MG431J		4.3 \pm 5%	45	7.9	77	1.10	240
10MG471K	75084-8	4.7 \pm 10%	45	7.9	75	1.20	230
10MG511J		5.1 \pm 5%	50	7.9	69	1.47	216
10MG561K	75084-9	5.6 \pm 10%	50	7.9	65	1.80	185
10MG621J		6.2 \pm 5%	50	7.9	62	1.90	180
10MG681K	75084-10	6.8 \pm 10%	50	7.9	60	2.00	180
10MG751J		7.5 \pm 5%	50	7.9	57	2.35	165
10MG821K	75084-11	8.2 \pm 10%	55	7.9	55	2.70	155
10MG911J		9.1 \pm 5%	55	7.9	52	3.00	145
10MG102K	75084-12	10 \pm 10%	55	7.9	50	3.70	130
10MG112J		11 \pm 5%	45	2.5	45	2.60	156
10MG122K	75084-13	12 \pm 10%	45	2.5	40	2.70	155
10MG132J		13 \pm 5%	45	2.5	38	2.80	150
10MG152K	75084-14	15 \pm 10%	45	2.5	35	2.80	150
10MG162J		16 \pm 5%	45	2.5	33	2.90	147
10MG182K	75084-15	18 \pm 10%	50	2.5	30	3.10	145
10MG202J		20 \pm 5%	50	2.5	27.5	3.20	142
10MG222K	75084-16	22 \pm 10%	50	2.5	25	3.30	140
10MG242J		24 \pm 5%	50	2.5	23	3.40	137
10MG272K	75084-17	27 \pm 10%	50	2.5	20	3.50	135
10MG302J		30 \pm 5%	45	2.5	22	3.30	132
10MG332K	75085-1	33 \pm 10%	45	2.5	24	3.40	130
10MG362J		36 \pm 5%	45	2.5	23	3.50	127
10MG392K	75085-2	39 \pm 10%	45	2.5	22	3.60	125
10MG432J		43 \pm 5%	45	2.5	21	4.10	116
10MG472K	75085-3	47 \pm 10%	45	2.5	20	4.50	110
10MG512J		51 \pm 5%	45	2.5	19	5.00	105
10MG562K	75085-4	56 \pm 10%	45	2.5	18	5.70	100
10MG622J		62 \pm 5%	50	2.5	16.5	6.20	94
10MG682K	75085-5	68 \pm 10%	50	2.5	15	6.70	92
10MG752J		75 \pm 5%	50	2.5	14.5	7.0	89
10MG822K	75085-6	82 \pm 10%	50	2.5	14	7.3	88
10MG912J		91 \pm 5%	50	2.5	13.5	7.7	85



NOTES:

- Used in imaging equipment where non-metallic coil forms are required
- Operating temperature Phenolic: -55°C to +125°C; Powdered Iron & Ferrite: -55°C to +105°C
- Laser marking is standard. Color band is optional.
- Optional tolerances available, consult factory

TAPE AND REEL SPECS:

Pcs./12" Reel maximum: 3500
 Pitch between parts: .200 inches
 Inside tape spacing: 2.062 inches
 Class: 1

10MG - continued

PART NUMBER	COTS MIL SPEC DESIGNATION	INDUCTANCE μ H	Q (MIN)	TEST FREQ. (L&Q) MHz	SRF (MIN) MHz	DCR (MAX) OHMS	CURRENT RATING DC mA
10MG103K	75085-7	100 \pm 10%	50	2.5	13	8.0	84
10MG113J		110 \pm 5%	30	.79	12.5	11.0	71
10MG123K	75085-8	120 \pm 10%	30	.79	12	13	66
10MG133J		130 \pm 5%	30	.79	11.5	14	63
10MG153K	75085-9	150 \pm 10%	30	.79	11	15	61
10MG163J		160 \pm 5%	30	.79	10.5	16	59
10MG183K	75085-10	180 \pm 10%	30	.79	10	17	57
10MG203J		200 \pm 5%	30	.79	9.5	19	54
10MG223K	75085-11	220 \pm 10%	30	.79	9	21	52
10MG243J		240 \pm 5%	30	.79	8.5	23	49
10MG273K	75085-12	270 \pm 10%	30	.79	8	25	47
10MG303J		300 \pm 5%	30	.79	7.5	27	46
10MG333K	75085-13	330 \pm 10%	30	.79	7	28	45
10MG363J		360 \pm 5%	30	.79	6.75	32	41
10MG393K	75085-14	390 \pm 10%	30	.79	6.5	35	40
10MG433J		430 \pm 5%	30	.79	6.25	39	37
10MG473K	75085-15	470 \pm 10%	30	.79	6	42	36
10MG513J		510 \pm 5%	30	.79	5.5	44	35
10MG563K	75085-16	560 \pm 10%	30	.79	5	46	35
10MG623J		620 \pm 5%	30	.79	4.6	53	32
10MG683K	75085-17	680 \pm 10%	30	.79	4	60	30
10MG753J		750 \pm 5%	30	.79	4	63	29
10MG823K	75085-18	820 \pm 10%	30	.79	3.8	65	29
10MG913J		910 \pm 5%	30	.79	3.6	69	28
10MG104K	75085-19	1000 \pm 10%	30	.79	3.4	72	28