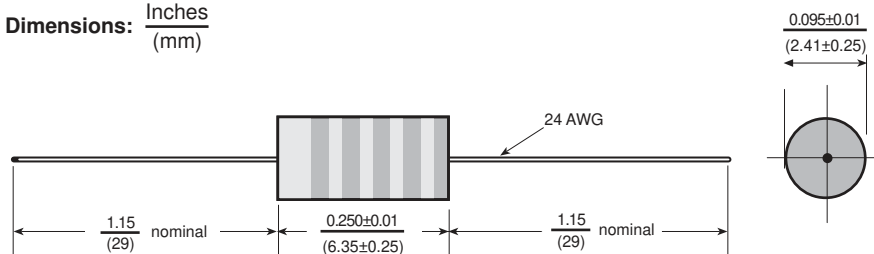




Dimensions:  $\frac{\text{Inches}}{\text{(mm)}}$



Allied Part Number	Inductance (μh)	Tolerance (%)	Q Min.	Test Freq. (MHz)	SRF Min. (MHz)	DCR Max. (Ω)	Rated Current (mA)
AM20-R022K-RC	0.022	10	50	50.0	900	0.025	2400
AM20-R027K-RC	0.027	10	40	25.0	875	0.030	2200
AM20-R033K-RC	0.033	10	40	25.0	850	0.035	2000
AM20-R039K-RC	0.039	10	40	25.0	825	0.040	1900
AM20-R047K-RC	0.047	10	40	25.0	800	0.045	1800
AM20-R056K-RC	0.056	10	40	25.0	775	0.050	1700
AM20-R068K-RC	0.068	10	40	25.0	750	0.060	1500
AM20-R082K-RC	0.082	10	40	25.0	725	0.070	1400
AM20-R10K-RC	.10	10	40	25.0	680	.08	1350
AM20-R12K-RC	.12	10	40	25.0	640	.09	1270
AM20-R15K-RC	.15	10	38	25.0	600	.10	1200
AM20-R18K-RC	.18	10	35	25.0	550	.12	1105
AM20-R22K-RC	.22	10	33	25.0	510	.14	1025
AM20-R27K-RC	.27	10	33	25.0	430	.16	960
AM20-R33K-RC	.33	10	30	25.0	410	.22	815
AM20-R39K-RC	.39	10	30	25.0	365	.30	700
AM20-R47K-RC	.47	10	30	25.0	330	.35	650
AM20-R56K-RC	.56	10	30	25.0	300	.50	545
AM20-R68K-RC	.68	10	28	25.0	275	.60	495
AM20-R82K-RC	.82	10	28	25.0	250	.85	415
AM20-1R0K-RC	1.0	10	25	25.0	230	1.0	385
AM20-1R2K-RC	1.2	10	25	7.9	150	.18	590
AM20-1R5K-RC	1.5	10	28	7.9	140	.22	535
AM20-1R8K-RC	1.8	10	30	7.9	125	.30	455
AM20-2R2K-RC	2.2	10	30	7.9	115	.40	395
AM20-2R7K-RC	2.7	10	37	7.9	100	.55	355
AM20-3R3K-RC	3.3	10	45	7.9	90	.85	270
AM20-3R9K-RC	3.9	10	45	7.9	80	1.0	250
AM20-4R7K-RC	4.7	10	45	7.9	75	1.2	230
AM20-5R6K-RC	5.6	10	50	7.9	65	1.8	185
AM20-6R8K-RC	6.8	10	50	7.9	60	2.0	175
AM20-8R2K-RC	8.2	10	55	7.9	55	2.7	155
AM20-100K-RC	10	10	55	7.9	50	3.7	130
AM20-120K-RC	12	10	45	2.5	40	2.7	155
AM20-150K-RC	15	10	40	2.5	35	2.8	150
AM20-180K-RC	18	10	50	2.5	30	3.1	145
AM20-220K-RC	22	10	50	2.5	25	3.3	140
AM20-270K-RC	27	10	50	2.5	20	3.5	135
AM20-330K-RC	33	10	45	2.5	24	3.4	130
AM20-390K-RC	39	10	45	2.5	22	3.6	125
AM20-470K-RC	47	10	45	2.5	20	4.5	110
AM20-560K-RC	56	10	45	2.5	18	5.7	100
AM20-680K-RC	68	10	50	2.5	15	6.7	92
AM20-820K-RC	82	10	50	2.5	14	7.3	88
AM20-101K-RC	100	10	50	2.5	13	8.0	84
AM20-121K-RC	120	10	30	.79	12	13.0	66
AM20-151K-RC	150	10	30	.79	11	15.0	61
AM20-181K-RC	180	10	30	.79	10	17.0	57
AM20-221K-RC	220	10	30	.79	9	21.0	52

Additional values on page 2

All specifications subject to change without notice.

### Electrical

**Inductance Range:** .022μh to 1000μh.

**Tolerance:** 10% over entire range.

Tighter tolerances available.

**Rated Current:** Based on Inductance

Drop <10°C at rated current.

**Test Procedures:** L and Q measured

with HP4342A Q-Meter at specified

Frequency. DCR measured on

CH-301. SRF measured on HP-4191A,

HP4291B.

**Dielectric Strength:** 1000 Volts R.M.S.

at sea level.

**Operating Temp.:** -55°C to +125°C.

### Physical

**Marking (on part):** 5 Band Color Code

per MIL-C-15305.

**Marking (on reel):** Manufacturers

Name, Part Number, Customers

Part Number, Invoice Number, Lot

or Data Code.

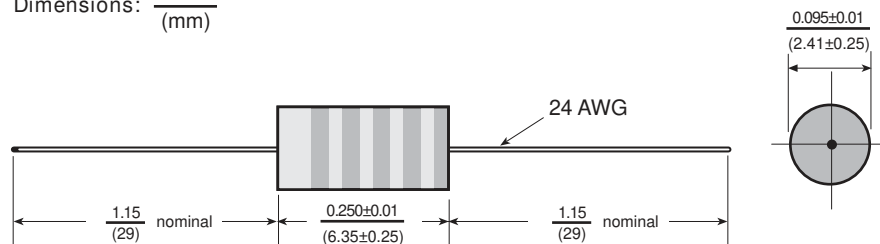
**Packaging (bulk):** 1000 pieces per bag.

**Packaging (reel):** 5000 pieces per reel.

For Tape and Reel packaging please add "-TR" to the part number.



Dimensions:  $\frac{\text{Inches}}{\text{(mm)}}$



Allied Part Number	Inductance ( $\mu$ h)	Tolerance (%)	Q Min.	Test Freq. (MHz)	SRF Min. (MHz)	DCR Max. ( $\Omega$ )	Rated Current (mA)
AM20-271K-RC	270	10	30	.79	8.0	25.0	47
AM20-331K-RC	330	10	30	.79	7.0	28.0	45
AM20-391K-RC	390	10	30	.79	6.5	35.0	40
AM20-471K-RC	470	10	30	.79	6.0	42.0	36
AM20-561K-RC	560	10	30	.79	5.0	46.0	35
AM20-681K-RC	680	10	30	.79	4.2	60.0	30
AM20-821K-RC	820	10	30	.79	3.8	65.0	29
AM20-102K-RC	1000	10	30	.79	3.4	72.0	28

All specifications subject to change without notice.

### Electrical

Inductance Range: .022 $\mu$ h to 1000 $\mu$ h.

Tolerance: 10% over entire range.

Tighter tolerances available.

Rated Current: Based on Inductance

Drop <10°C at rated current.

Test Procedures: L and Q measured with HP4342A Q-Meter at specified Frequency. DCR measured on CH-301. SRF measured on HP-4191A, HP4291B.

Dielectric Strength: 1000 Volts R.M.S. at sea level.

Operating Temp.: -55°C to +125°C.

### Physical

Marking (on part): 5 Band Color Code per MIL-C-15305.

Marking (on reel): Manufacturers Name, Part Number, Customers Part Number, Invoice Number, Lot or Data Code.

Packaging (bulk): 1000 pieces per bag.

Packaging (reel): 5000 pieces per reel.

For Tape and Reel packaging please add "-TR" to the part number.