



AL0307 SERIES

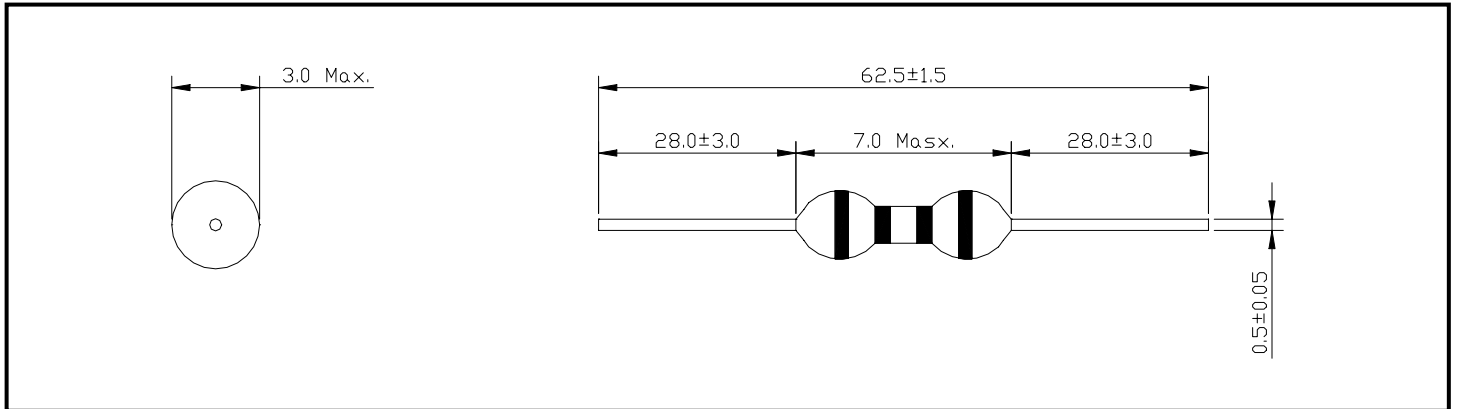


PART NUMBERING SYSTEM

<u>AL</u>	<u>0 3 0 7</u>	-	<u>R 1 0</u>	-	<u>LF</u>
TYPE	DIMENSIONS		INDUCTANCE		LEAD FREE

SHAPES AND DIMENSIONS

UNIT : mm





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SPECIFICATION TABLE

PART NUMBER	INDUCTANCE (μ H)	Q (min)	DCR () (max)	IDC (mA) (max)	SRF(MHz) (min)	TEST FREQ. (f)
AL0307-R10M-LF	0.10	40	0.060	1400	480	25.2MHz
AL0307-R12M-LF	0.12	40	0.060	1350	450	25.2MHz
AL0307-R15M-LF	0.15	40	0.070	1270	420	25.2MHz
AL0307-R18M-LF	0.18	40	0.070	1200	400	25.2MHz
AL0307-R22M-LF	0.22	40	0.080	1150	380	25.2MHz
AL0307-R27M-LF	0.27	40	0.085	1110	360	25.2MHz
AL0307-R33M-LF	0.33	40	0.095	1110	350	25.2MHz
AL0307-R39M-LF	0.39	40	0.100	1000	320	25.2MHz
AL0307-R47M-LF	0.47	40	0.110	1000	300	25.2MHz
AL0307-R56M-LF	0.56	40	0.120	950	280	25.2MHz
AL0307-R68M-LF	0.68	40	0.130	900	250	25.2MHz
AL0307-R82M-LF	0.82	40	0.140	900	200	25.2MHz
AL0307-1R0K-LF	1.00	40	0.150	815	180	25.2MHz
AL0307-1R2K-LF	1.20	40	0.180	740	165	7.96MHz
AL0307-1R5K-LF	1.50	40	0.200	700	150	7.96MHz
AL0307-1R8K-LF	1.80	50	0.230	655	125	7.96MHz
AL0307-2R2K-LF	2.20	50	0.250	630	110	7.96MHz
AL0307-2R7K-LF	2.70	50	0.280	595	95	7.96MHz
AL0307-3R3K-LF	3.30	50	0.300	575	70	7.96MHz
AL0307-3R9K-LF	3.90	50	0.320	555	65	7.96MHz
AL0307-4R7K-LF	4.70	50	0.350	530	50	7.96MHz
AL0307-5R6K-LF	5.60	50	0.400	500	40	7.96MHz
AL0307-6R8K-LF	6.80	50	0.450	470	30	7.96MHz
AL0307-8R2K-LF	8.20	50	0.560	425	28	7.96MHz
AL0307-100K-LF	10.0	50	0.750	370	22	7.96MHz



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AL0307-120K-LF	12.0	50	0.800	350	20	2.52MHz
AL0307-150K-LF	15.0	50	0.930	335	16	2.52MHz
AL0307-180K-LF	18.0	50	1.000	315	15	2.52MHz
AL0307-220K-LF	22.0	50	1.200	285	13	2.52MHz
AL0307-270K-LF	27.0	50	1.800	270	11	2.52MHz
AL0307-330K-LF	33.0	50	2.100	255	10	2.52MHz
AL0307-390K-LF	39.0	50	2.300	240	9.5	2.52MHz
AL0307-470K-LF	47.0	50	2.600	205	8.5	2.52MHz
AL0307-560K-LF	56.0	50	2.900	195	7.5	2.52MHz
AL0307-680K-LF	68.0	50	3.300	185	6.5	2.52MHz
AL0307-820K-LF	82.0	50	3.800	175	6.0	2.52MHz
AL0307-101K-LF	100	50	4.200	165	5.5	2.52MHz
AL0307-121K-LK	120	60	4.700	160	5.4	0.796MHz
AL0307-151K-LF	150	60	5.400	150	4.7	0.796MHz
AL0307-181K-LF	180	60	6.000	140	4.3	0.796MHz
AL0307-221K-LF	220	60	7.000	130	4.0	0.796MHz
AL0307-271K-LF	270	60	7.700	120	3.7	0.796MHz
AL0307-331K-LF	330	60	11.100	100	3.4	0.796MHz
AL0307-391K-LF	390	60	12.600	95	2.8	0.796MHz
AL0307-471K-LF	470	60	14.000	90	2.5	0.796MHz
AL0307-561K-LF	560	60	15.500	85	2.3	0.796MHz
AL0307-681K-LF	680	60	25.300	75	2.0	0.796MHz
AL0307-821K-LF	820	60	27.500	65	1.5	0.796MHz
AL0307-102K-LF	1000	60	31.400	60	1.2	0.796MHz