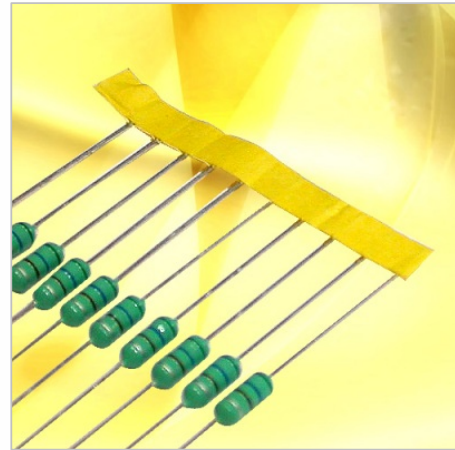


SPECIFICATION OF AL SERIES

FEATURES

1. Coating epoxy resin that ensures the humidity resistance to be long life.
2. Low Cost.



APPLICATIONS

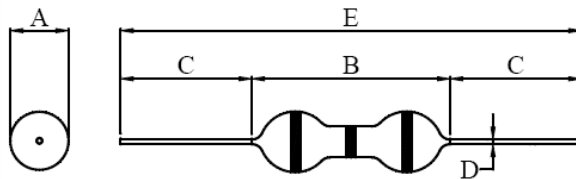
Electronics products , Computer Devices ,
Communication equipment , TV , VCR.

ORDERING CODE

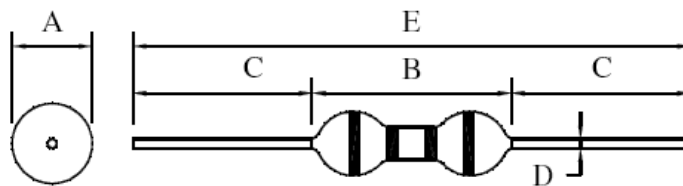
AL 0307 - 100 K T
(1) (2) (3) (4) (5)

- (1) PRODUCT TYPE CODE
- (2) PRODUCT SIZE CODE
- (3) INDUCTANCE
- (4) INDUCTANCE TOLERANCE (K : $\pm 10\%$, M : $\pm 20\%$)
- (5) TAPING

0204 Series



0307 0410 Series



SHAPE & DIMENSIONS

UNIT:mm

SIZE CODE	A (max)	B (max)	C ± 0.3	D ± 0.05	E ± 1.5
AL0204	2.8	5.0	29.5	0.50	62.5
AL0307	3.0	7.0	28.0	0.50	62.5
AL0410	4.0	10.0	26.0	0.65	62.5

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FIXED INDUCTORS → AL0307 SERIES

ELECTRICAL CHARACTERISTIC

ORDERING CODE	Inductance (μ H)	Q min	Test Frequency (MHz)	SRF (MHz)min	DC Resistance (Ω)max	IDC (mA)max
AL0307-R10MT	0.10	40	25.2	480	0.060	1400
AL0307-R12MT	0.12	40	25.2	450	0.060	1350
AL0307-R15MT	0.15	40	25.2	420	0.070	1270
AL0307-R18MT	0.18	40	25.2	400	0.070	1200
AL0307-R22MT	0.22	40	25.2	380	0.080	1150
AL0307-R27MT	0.27	40	25.2	360	0.085	1110
AL0307-R33MT	0.33	40	25.2	350	0.095	1110
AL0307-R39MT	0.39	40	25.2	320	0.100	1000
AL0307-R47MT	0.47	40	25.2	300	0.110	1000
AL0307-R56MT	0.56	40	25.2	280	0.120	950
AL0307-R68MT	0.68	40	25.2	250	0.130	900
AL0307-R82MT	0.82	40	25.2	200	0.140	900
AL0307-1R0KT	1.00	40	25.2	180	0.150	815
AL0307-1R2KT	1.20	40	7.96	165	0.180	740
AL0307-1R5KT	1.50	40	7.96	150	0.200	700
AL0307-1R8KT	1.80	50	7.96	125	0.230	655
AL0307-2R2KT	2.20	50	7.96	110	0.250	630
AL0307-2R7KT	2.70	50	7.96	95	0.280	595
AL0307-3R3KT	3.30	50	7.96	70	0.300	575
AL0307-3R9KT	3.90	50	7.96	65	0.320	555
AL0307-4R7KT	4.70	50	7.96	50	0.350	530
AL0307-5R6KT	5.60	50	7.96	40	0.400	500
AL0307-6R8KT	6.80	50	7.96	30	0.450	470
AL0307-8R2KT	8.20	50	7.96	28	0.560	425
AL0307-100KT	10.00	50	7.96	22	0.750	370
AL0307-120KT	12.00	50	2.52	20	0.800	350
AL0307-150KT	15.00	50	2.52	16	0.930	335
AL0307-180KT	18.00	50	2.52	15	1.000	315
AL0307-220KT	22.00	50	2.52	13	1.200	285
AL0307-270KT	27.00	50	2.52	11	1.800	270
AL0307-330KT	33.00	50	2.52	10	2.100	255
AL0307-390KT	39.00	50	2.52	9.5	2.300	240
AL0307-470KT	47.00	50	2.52	8.5	2.600	205
AL0307-560KT	56.00	50	2.52	7.5	2.900	195
AL0307-680KT	68.00	50	2.52	6.5	3.300	185
AL0307-820KT	82.00	50	2.52	6.0	3.800	175
AL0307-101KT	100.00	50	2.52	5.5	4.200	165
AL0307-121KT	120.00	60	0.796	5.4	4.700	160
AL0307-151KT	150.00	60	0.796	4.7	5.400	150
AL0307-181KT	180.00	60	0.796	4.3	6.000	140
AL0307-221KT	220.00	60	0.796	4.0	7.000	130
AL0307-271KT	270.00	60	0.796	3.7	7.700	120
AL0307-331KT	330.00	60	0.796	3.4	11.100	100
AL0307-391KT	390.00	60	0.796	2.8	12.600	95
AL0307-471KT	470.00	60	0.796	2.5	14.000	90
AL0307-561KT	560.00	60	0.796	2.3	15.500	85
AL0307-681KT	680.00	60	0.796	2.0	25.300	75
AL0307-821KT	820.00	60	0.796	1.5	27.500	65
AL0307-102KT	1000.00	50	0.796	1.2	31.400	60

Tolerance : K \pm 10% ,M \pm 20%

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