

FIXED INDUCTORS / AL TYPE

FEATURES

- ◆ Coating epoxy resin that ensures the humidity resistance to be long lift.
- ◆ Contribute to be high Q and self-resonant frequencies.

APPLICATIONS

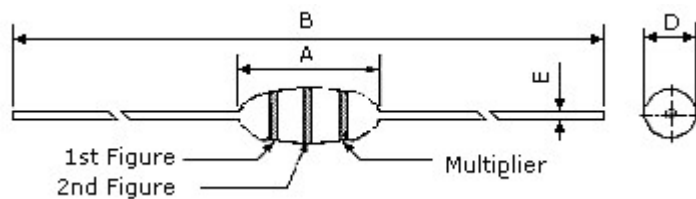
- ◆ Communication modules.
- ◆ Computing devices.
- ◆ Various categories of consumer electronics.



ORDERING CODE

AL	0204	-	6R8	□	
					Tolerance (J:±5%, K:±10%, M:±20%)
					Inductance
					Dimension
					Product Symbol

DIMENSIONS (UNIT: mm)



A	4.0 (MAX)	m/m
B	62.0 ± 2.0	m/m
D	3.0 (MAX)	m/m
E	0.55 ± 0.05	m/m



CORE MASTER ENTERPRISE CO., LTD.

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ELECTRICAL CHARACTERISTICS FOR AL0204

Part No.	Inductance (uH)	Quality Factor (Min)	Test Freq. (MHz)	SRF (MHz) Min	DCR (Ω) Max	IDC (mA) Max
AL 0204-1R0 K	1.0	35	25.2	150	0.80	270
AL 0204-1R2 K	1.2	40	7.96	110	0.90	260
AL 0204-1R5 K	1.5	40	7.96	70	1.00	250
AL 0204-1R8 K	1.8	40	7.96	60	1.10	240
AL 0204-2R2 K	2.2	40	7.96	45	1.20	230
AL 0204-2R7 K	2.7	40	7.96	40	1.30	220
AL 0204-3R3 K	3.3	40	7.96	38	1.40	210
AL 0204-3R9 K	3.9	40	7.96	36	1.50	200
AL 0204-4R7 K	4.7	40	7.96	32	1.70	190
AL 0204-5R6 K	5.6	40	7.96	30	1.90	180
AL 0204-6R8 K	6.8	40	7.96	28	2.00	175
AL 0204-8R2 K	8.2	40	7.96	26	2.20	165
AL 0204-100 K	10	40	7.96	24	2.50	160
AL 0204-120 K	12	40	2.52	22	2.5	150
AL 0204-150 K	15	40	2.52	20	2.8	145
AL 0204-180 K	18	40	2.52	18	3.1	140
AL 0204-220 K	22	40	2.52	17	3.4	130
AL 0204-270 K	27	40	2.52	16	4.3	80
AL 0204-330 K	33	40	2.52	14	4.7	76
AL 0204-390 K	39	40	2.52	13	5.2	76
AL 0204-470 K	47	40	2.52	12	5.8	70
AL 0204-560 K	56	40	2.52	11	6.4	68
AL 0204-680 K	68	40	2.52	10	7.2	64
AL 0204-820 K	82	40	2.52	9.5	11	46
AL 0204-101 K	100	40	2.52	9.0	12	44
AL 0204-121 K	120	40	0.796	8.0	13	42
AL 0204-151 K	150	40	0.796	6.0	16	39
AL 0204-221 K	220	40	0.796	5.6	20	35
AL 0204-271 K	270	40	0.796	4.6	25	28
AL 0204-331 K	330	40	0.796	4.2	30	26
AL 0204-391 K	390	40	0.796	3.8	34	25
AL 0204-471 K	470	40	0.796	2.6	35	24
AL 0204-561 K	560	40	0.796	2.5	40	23
AL 0204-681 K	680	40	0.796	2.2	42	22
AL 0204-821 K	820	40	0.796	2.1	46	21
AL 0204-102 K	1000	40	0.796	2.0	52	20



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