

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

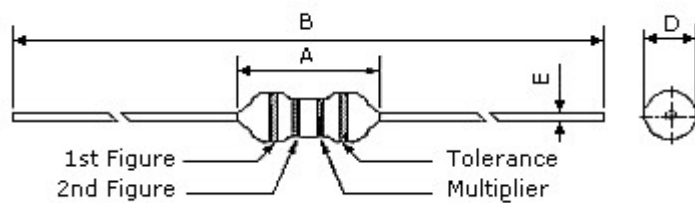
- ◆ Communication modules.
- ◆ Computing devices.
- ◆ Various categories of consumer electronics.



ORDERING CODE

AL	0410	-	6R8	□	
					Tolerance (J:±5%, K:±10%, M:±20%)
					Inductance
					Dimension
					Product Symbol

DIMENSIONS (UNIT: mm)



A	12.0 (MAX)	m/m
B	62.0 ± 2.0	m/m
D	4.0 (MAX)	m/m
E	0.65 ± 0.05	m/m



CORE MASTER ENTERPRISE CO., LTD.

<http://www.coremaster.com.tw>

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ELECTRICAL CHARACTERISTICS FOR AL0410

Part No.	Inductance (μ H)	Quality Factor (Min)	Test Freq. (MHz)	SRF (MHz) Min	DCR (Ω) Max	IDC (mA) Max
AL 0410-1R0 K	1.0	45	25.2	157	0.17	920
AL 0410-1R2 K	1.2	50	7.96	144	0.18	880
AL 0410-1R5 K	1.5	50	7.96	131	0.20	830
AL 0410-1R8 K	1.8	55	7.96	121	0.22	790
AL 0410-2R2 K	2.2	55	7.96	110	0.24	750
AL 0410-2R7 K	2.7	60	7.96	100	0.25	720
AL 0410-3R3 K	3.3	65	7.96	94	0.30	670
AL 0410-3R9 K	3.9	65	7.96	86	0.35	640
AL 0410-4R7 K	4.7	70	7.96	80	0.40	620
AL 0410-5R6 K	5.0	70	7.96	74	0.45	590
AL 0410-6R8 K	6.8	75	7.96	68	0.50	550
AL 0410-8R2 K	8.2	80	7.96	53	0.60	530
AL 0410-100 K	10	80	7.96	45	0.65	500
AL 0410-120 K	12	75	2.52	34	0.70	480
AL 0410-150 K	15	70	2.52	20	0.75	460
AL 0410-180 K	18	65	2.52	14	0.80	430
AL 0410-220 K	22	50	2.52	9.9	0.90	410
AL 0410-270 K	27	55	2.52	7.6	1.00	390
AL 0410-330 K	33	55	2.52	6.3	1.10	370
AL 0410-390 K	39	50	2.52	6.3	1.20	350
AL 0410-470 K	47	45	2.52	6.3	1.30	340
AL 0410-560 K	56	40	2.52	6.2	1.50	320
AL 0410-680 K	68	40	2.52	5.7	1.80	305
AL 0410-820 K	82	35	2.52	5.3	2.00	290
AL 0410-101 K	100	30	2.52	4.8	2.50	275
AL 0410-121 K	120	70	0.796	3.8	3.00	185
AL 0410-151 K	150	70	0.796	3.5	4.20	175
AL 0410-181 K	180	70	0.796	3.3	4.60	165
AL 0410-221 K	220	70	0.796	3.0	5.10	155
AL 0410-271 K	270	65	0.796	2.8	6.00	145
AL 0410-331 K	330	65	0.796	2.6	6.50	137
AL 0410-391 K	390	65	0.796	2.4	7.50	133
AL 0410-471 K	470	60	0.796	2.2	8.50	126
AL 0410-561 K	560	60	0.796	2.1	9.50	120
AL 0410-681 K	680	55	0.796	1.9	12	113
AL 0410-821 K	820	55	0.796	1.8	14	105
AL 0410-102 K	1000	50	0.796	1.4	20	85



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