

Coilcraft XAL/XGL/XEL series and COILMX MSY series electrical performance parameter list



No	Coilcraft Part number	COILMX Part number	Inductance (μH)	DCR max (mΩ)	Isat (A)	Irms (A)	Max Temp (°C)	Voltage Rating (V)	Length (mm)	Width (mm)	Height (mm)
1	XAL4020-601	MSY4020-R60M	0.60	10.5	10	11.7	165	60	4.30	4.30	2.1
2	XAL4020-122	MSY4020-1R2M	1.20	19.5	8	9.0	165	60	4.30	4.30	2.1
3	XAL4020-102	MSY4020-1R0M	1.00	14.6	9	9.6	165	60	4.30	4.30	2.1
4	XAL4020-222	MSY4020-2R2M	2.20	38.7	6	5.5	165	60	4.30	4.30	2.1
5	XAL4020-152	MSY4020-1R5M	1.50	23.6	7	7.5	165	60	4.30	4.30	2.1
6	XAL4020-401	MSY4020-R40M	0.40	8.3	13	14.0	165	60	4.30	4.30	2.1
7	XAL4020-221	MSY4020-R22M	0.22	6.4	19	16.8	165	60	4.30	4.30	2.1
8	XAL4030-682	MSY4030-6R8M	6.80	74.1	4	3.9	165	60	4.30	4.30	3.1
9	XAL4030-332	MSY4030-3R3M	3.30	28.6	6	6.6	165	60	4.30	4.30	3.1
10	XAL4030-472	MSY4030-4R7M	4.70	44.1	5	5.1	165	60	4.30	4.30	3.1
11	XAL4040-822	MSY4040-8R2M	8.20	66.9	4	3.4	165	60	4.30	4.30	4.1
12	XAL4040-103	MSY4040-100M	10.00	92.4	3	3.1	165	60	4.30	4.30	4.1
13	XAL4040-153	MSY4040-150M	15.00	120.0	3	2.8	165	60	4.30	4.30	4.1
14	XAL5020-561	MSY5020-R56M	0.56	9.5	14	13.9	165	60	5.68	5.48	2.0
15	XAL5020-161	MSY5020-R16M	0.16	5.0	24	18.8	165	60	5.68	5.48	2.0
16	XAL5020-801	MSY5020-R80M	0.80	11.8	12	13.0	165	60	5.68	5.48	2.0
17	XAL5020-331	MSY5020-R33M	0.33	7.7	17	14.4	165	60	5.68	5.48	2.0
18	XAL5020-122	MSY5020-1R2M	1.20	20.5	10	9.4	165	60	5.68	5.48	2.0
19	XAL5030-161	MSY5030-R16M	0.16	2.4	31	22.2	165	60	5.68	5.48	3.1
20	XAL5030-102	MSY5030-1R0M	1.00	9.4	14	11.1	165	60	5.68	5.48	3.1
21	XAL5030-122	MSY5030-1R2M	1.20	12.4	13	10.4	165	60	5.68	5.48	3.1
22	XAL5030-601	MSY5030-R60M	0.60	4.5	20	17.7	165	60	5.68	5.48	3.1
23	XAL5030-472	MSY5030-4R7M	4.70	40.0	7	5.9	165	60	5.68	5.48	3.1
24	XAL5030-331	MSY5030-R33M	0.33	3.5	26	19.2	165	60	5.68	5.48	3.1
25	XAL5030-332	MSY5030-3R3M	3.30	23.3	9	8.1	165	60	5.68	5.48	3.1
26	XAL5030-222	MSY5030-2R2M	2.20	14.5	9	9.7	165	60	5.68	5.48	3.1
27	XAL5030-801	MSY5030-R80M	0.80	5.7	19	13.0	165	60	5.68	5.48	3.1
28	XAL5050-103	MSY5050-100M	10.00	45.0	5	4.9	165	60	5.68	5.48	5.1
29	XAL5050-562	MSY5050-5R6M	5.60	25.8	6	7.2	165	60	5.68	5.48	5.1
30	XAL5050-822	MSY5050-8R2M	8.20	35.0	6	6.1	165	60	5.68	5.48	5.1
31	XAL5050-153	MSY5050-150M	15.00	76.7	4	3.9	165	60	5.68	5.48	5.1
32	XAL5050-472	MSY5050-4R7M	4.70	24.2	7	8.2	165	60	5.68	5.48	5.1
33	XAL5050-682	MSY5050-6R8M	6.80	29.5	6	6.4	165	60	5.68	5.48	5.1
34	XAL5050-223	MSY5050-220M	22.00	99.7	4	3.4	165	60	5.68	5.48	5.1
35	XAL6020-901	MSY6020-R90M	0.90	11.1	19	15.2	165	60	6.76	6.56	2.1
36	XAL6020-112	MSY6020-1R1M	1.10	13.1	17	12.0	165	60	6.76	6.56	2.1
37	XAL6020-271	MSY4020-R27M	0.27	3.9	30	25.0	165	60	6.76	6.56	2.1
38	XAL6020-451	MSY6020-R45M	0.45	5.1	25	22.0	165	60	6.76	6.56	2.1
39	XAL6020-161	MSY6020-R16M	0.16	2.7	41	26.0	165	60	6.76	6.56	2.1
40	XAL6020-121	MSY6020-R12M	0.12	1.9	45	27.0	165	60	6.76	6.56	2.1
41	XAL6020-601	MSY6020-R60M	0.60	7.1	21	18.5	165	60	6.76	6.56	2.1
42	XAL6030-561	MSY6030-R56M	0.56	3.3	29	22.0	165	60	6.76	6.56	3.1
43	XAL6030-181	MSY6030-R18M	0.18	1.8	39	32.0	165	60	6.76	6.56	3.1
44	XAL6030-222	MSY6030-2R2M	2.20	14.0	16	10.0	165	60	6.76	6.56	3.1
45	XAL6030-332	MSY6030-3R3M	3.30	20.8	12	8.0	165	60	6.76	6.56	3.1
46	XAL6030-182	MSY6030-1R8M	1.80	10.5	18	14.0	165	60	6.76	6.56	3.1
47	XAL6030-331	MSY6030-R33M	0.33	2.5	30	25.0	165	60	6.76	6.56	3.1
48	XAL6030-102	MSY6030-1R0M	1.00	6.2	23	18.0	165	60	6.76	6.56	3.1
49	XAL6030-122	MSY6030-1R2M	1.20	7.5	22	16.0	165	60	6.76	6.56	3.1
50	XAL6060-223	MSY6060-220M	22.00	60.6	6	5.0	165	60	6.76	6.56	6.1
51	XAL6060-153	MSY6060-150M	15.00	43.8	6	6.0	165	60	6.76	6.56	6.1
52	XAL6060-682	MSY6060-6R8M	6.80	20.8	9	9.0	165	60	6.76	6.56	6.1
53	XAL6060-333	MSY6060-330M	33.00	105.0	4	3.6	165	60	6.76	6.56	6.1
54	XAL6060-822	MSY6060-8R2M	8.20	26.4	8	8.0	165	60	6.76	6.56	6.1
55	XAL6060-472	MSY6060-4R7M	4.70	14.4	11	11.0	165	60	6.76	6.56	6.1

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