

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)
56	XAL6060-103	MSY6060-100M	10.00	29.8	8	7.0	165	60	6.76	6.56	6.1
57	XAL6060-562	MSY6060-5R6M	5.60	15.9	10	10.0	165	60	6.76	6.56	6.1
58	XAL7020-271	MSY7020-R27M	0.27	3.8	30	21.0	165	60	8.00	8.00	2.0
59	XAL7020-102	MSY7020-1R0M	1.00	10.8	18	11.0	165	60	8.00	8.00	2.0
60	XAL7020-331	MSY4020-R33M	0.33	5.2	28	20.0	165	60	8.00	8.00	2.0
61	XAL7020-151	MSY7020-R15M	0.15	2.5	46	24.0	165	60	8.00	8.00	2.0
62	XAL7020-152	MSY7020-1R5M	1.50	19.3	15	9.0	165	60	8.00	8.00	2.0
63	XAL7020-122	MSY7020-1R2M	1.20	12.8	18	10.0	165	60	8.00	8.00	2.0
64	XAL7020-222	MSY7020-2R2M	2.20	31.6	14	7.0	165	60	8.00	8.00	2.0
65	XAL7020-471	MSY7020-R47M	0.47	6.4	24	17.0	165	60	8.00	8.00	2.0
66	XAL7020-681	MSY7020-R68M	0.68	9.5	22	13.0	165	60	8.00	8.00	2.0
67	XAL7030-161	MSY7030-R16M	0.16	1.3	60	32.5	165	60	8.00	8.00	3.1
68	XAL7030-272	MSY7030-2R7M	2.70	17.3	13	11.4	165	60	8.00	8.00	3.1
69	XAL7030-102	MSY7030-1R0M	1.00	5.0	28	21.8	165	60	8.00	8.00	3.1
70	XAL7030-152	MSY7030-1R5M	1.50	8.4	24	15.0	165	60	8.00	8.00	3.1
71	XAL7030-222	MSY7030-2R2M	2.20	15.1	18	12.9	165	60	8.00	8.00	3.1
72	XAL7030-472	MSY7030-4R7M	4.70	30.0	10	9.0	165	60	8.00	8.00	3.1
73	XAL7030-601	MSY7030-R60M	0.60	3.3	36	23.0	165	60	8.00	8.00	3.1
74	XAL7030-682	MSY7030-6R8M	6.80	51.8	9	6.8	165	60	8.00	8.00	3.1
75	XAL7030-301	MSY7030-R30M	0.30	1.9	41	27.6	165	60	8.00	8.00	3.1
76	XAL7030-822	MSY7030-8R2M	8.20	60.9	8	5.9	165	60	8.00	8.00	3.1
77	XAL7030-103	MSY7030-100M	10.00	69.5	8	5.3	165	60	8.00	8.00	3.1
78	XAL7030-332	MSY7030-3R3M	3.30	21.5	12	10.0	165	60	8.00	8.00	3.1
79	XAL7030-562	MSY7030-5R6M	5.60	32.3	10	7.3	165	60	8.00	8.00	3.1
80	XAL7050-473	MSY7050-470M	47.00	120.0	4	3.5	165	60	8.00	7.70	5.0
81	XAL7050-153	MSY7050-150M	15.00	41.0	6	7.0	165	60	8.00	7.70	5.0
82	XAL7050-333	MSY7050-330M	33.00	85.0	4	4.6	165	60	8.00	7.70	5.0
83	XAL7050-223	MSY7050-220M	22.00	70.0	6	5.0	165	60	8.00	7.70	5.0
84	XAL7050-103	MSY7050-100M	10.00	29.0	7	8.5	165	60	8.00	7.70	5.0
85	XAL7050-183	MSY7050-180M	18.00	50.0	6	6.2	165	60	8.00	7.70	5.0
86	XAL7070-472	MSY7070-4R7M	4.70	14.3	15	13.6	165	60	8.00	7.70	7.0
87	XAL7070-562	MSY7070-5R6M	5.60	15.0	13	11.4	165	60	8.00	7.70	7.0
88	XAL7070-332	MSY7070-3R3M	3.30	9.4	19	15.1	165	60	8.00	7.70	7.0
89	XAL7070-682	MSY7070-6R8M	6.80	19.6	13	9.2	165	60	8.00	7.70	7.0
90	XAL7070-153	MSY7070-150M	15.00	29.5	7	7.4	165	-	8.00	7.70	7.0
91	XAL7070-551	MSY7070-R55M	0.55	1.6	43	29.0	165	60	8.00	7.70	7.0
92	XAL7070-123	MSY7070-120M	12.00	22.2	7	8.2	165	-	8.00	7.70	7.0
93	XAL7070-103	MSY7070-100M	10.00	20.2	8	9.3	165	-	8.00	7.70	7.0
94	XAL7070-182	MSY7070-1R8M	1.80	4.5	25	21.0	165	60	8.00	7.70	7.0
95	XAL7070-122	MSY7070-1R2M	1.20	3.4	31	21.6	165	60	8.00	7.70	7.0
96	XAL7070-222	MSY7070-2R2M	2.20	6.3	20	17.8	165	60	8.00	7.70	7.0
97	XAL7070-333	MSY7070-330M	33.00	62.1	4	4.9	165	-	8.00	7.70	7.0
98	XAL7070-102	MSY7070-1R0M	1.00	2.8	35	25.0	165	60	8.00	7.70	7.0
99	XAL7070-473	MSY7070-470M	47.00	97.1	4	4.1	165	60	8.00	7.70	7.0
100	XAL7070-301	MSY7070-R30M	0.30	1.2	56	33.4	165	60	8.00	7.70	7.0
101	XAL7070-651	MSY7070-R65M	0.65	1.9	40	26.5	165	60	8.00	7.70	7.0
102	XAL7070-801	MSY7070-R80M	0.80	2.3	38	25.8	165	60	8.00	7.70	7.0
103	XAL7070-161	MSY7070-R16M	0.16	0.8	78	36.1	165	60	8.00	7.70	7.0
104	XAL7070-183	MSY7070-180M	18.00	32.8	6	6.8	165	-	8.00	7.70	7.0
105	XAL7070-223	MSY7070-220M	22.00	39.7	6	6.5	165	60	8.00	7.70	7.0
106	XAL8050-223	MSY8050-220M	22.00	71.0	6	5.2	165	60	8.80	8.30	5.0
107	XAL8080-102	MSY8080-1R0M	1.00	2.3	31	34.1	165	60	8.80	8.30	8.0
108	XAL8080-472	MSY8080-4R7M	4.70	9.8	17	14.6	165	60	8.80	8.30	8.0
109	XAL8080-681	MSY8080-R68M	0.68	1.7	38	37.0	165	60	8.80	8.30	8.0
110	XAL8080-123	MSY8080-120M	12.00	18.2	9	10.5	165	-	8.80	8.30	8.0

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