

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)
111	XAL8080-473	MSY8080-470M	47.00	71.8	4	4.8	165	60	8.8	8.3	8.0
112	XAL8080-183	MSY8080-180M	18.00	28.0	7	8.3	165	-	8.8	8.3	8.0
113	XAL8080-333	MSY8080-330M	33.00	48.5	5	6.0	165	-	8.8	8.3	8.0
114	XAL8080-153	MSY8080-150M	15.00	22.5	8	9.4	165	-	8.8	8.3	8.0
115	XAL8080-103	MSY8080-100M	10.00	23.1	11	8.7	165	60	8.8	8.3	8.0
116	XAL8080-222	MSY8080-2R2M	2.20	4.5	24	21.5	165	60	8.8	8.3	8.0
117	XAL8080-682	MSY8080-6R8M	6.80	14.5	14	11.3	165	60	8.8	8.3	8.0
118	XAL8080-223	MSY8080-220M	22.0	32.9	6	7.6	165	60	8.8	8.3	8.0
119	XAL1030-102	MSY1030-1R0M	1.00	5.0	35	23.0	165	60	11.8	10.5	3.1
120	XAL1030-161	MSY1030-R16M	0.16	1.2	88	42.0	165	60	11.8	10.5	3.1
121	XAL1030-561	MSY1030-R56M	0.56	2.8	44	32.0	165	60	11.8	10.5	3.1
122	XAL1030-301	MSY1030-R30M	0.30	1.7	68	35.0	165	60	11.8	10.5	3.1
123	XAL1060-152	MSY1060-1R5M	1.50	3.3	36	24.4	165	60	11.8	10.5	6.0
124	XAL1060-181	MSY1060-R18M	0.18	0.6	120	46.0	165	60	11.8	10.5	6.0
125	XAL1060-222	MSY1060-2R2M	2.20	5.0	32	20.0	165	60	11.8	10.5	6.0
126	XAL1060-332	MSY1060-3R3M	3.30	7.9	26	16.8	165	60	11.8	10.5	6.0
127	XAL1060-472	MSY1060-4R7M	4.70	10.7	25	14.0	165	60	11.8	10.5	6.0
128	XAL1060-401	MSY1060-R40M	0.40	0.9	82	36.8	165	60	11.8	10.5	6.0
129	XAL1060-681	MSY1060-R68M	0.68	1.5	52	33.9	165	60	11.8	10.5	6.0
130	XAL1060-122	MSY1060-1R2M	1.20	2.8	43	26.3	165	60	11.8	10.5	6.0
131	XAL1010-103	MSY1010-100M	10.00	14.8	18	15.5	165	60	11.8	10.5	10.0
132	XAL1010-153	MSY1010-150M	15.00	18.6	16	13.8	165	60	11.8	10.5	10.0
133	XAL1010-472	MSY1010-4R7M	4.70	5.7	25	24.0	165	60	11.8	10.5	10.0
134	XAL1010-822	MSY4020-8R2M	8.20	12.9	18	17.1	165	60	11.8	10.5	10.0
135	XAL1010-681	MSY1010-R68M	0.68	1.0	62	48.0	165	60	11.8	10.5	10.0
136	XAL1010-221	MSY1010-R22M	0.22	0.5	99	55.5	165	60	11.8	10.5	10.0
137	XAL1010-332	MSY1010-3R3M	3.30	4.1	27	25.0	165	60	11.8	10.5	10.0
138	XAL1010-102	MSY1010-1R0M	1.00	1.1	55	43.5	165	60	11.8	10.5	10.0
139	XAL1010-562	MSY1010-5R6M	5.60	6.9	24	21.2	165	60	11.8	10.5	10.0
140	XAL1010-682	MSY1010-6R8M	6.80	8.9	22	18.5	165	60	11.8	10.5	10.0
141	XAL1010-152	MSY1010-1R5M	1.50	1.8	37	40.5	165	60	11.8	10.5	10.0
142	XAL1010-222	MSY1010-2R2M	2.20	2.8	34	32.0	165	60	11.8	10.5	10.0
143	XAL1010-451	MSY1010-R45M	0.45	0.7	71	53.0	165	60	11.8	10.5	10.0
144	XAL1350-132	MSY1350-1R3M	1.30	2.7	56	32.0	165	60	14.2	13.2	5.0
145	XAL1350-222	MSY1350-2R2M	2.20	4.8	46	24.0	165	60	14.2	13.2	5.0
146	XAL1350-631	MSY1350-R63M	0.63	1.7	74	38.0	165	60	14.2	13.2	5.0
147	XAL1350-931	MSY1350-R93M	0.93	2.2	60	33.0	165	60	14.2	13.2	5.0
148	XAL1350-302	MSY1350-3R0M	3.00	6.8	37	21.0	165	60	14.2	13.2	5.0
149	XAL1580-132	MSY1580-1R3M	1.30	1.4	65	46.7	165	60	16.4	15.4	8.0
150	XAL1580-452	MSY1580-4R5M	4.50	4.6	34	27.0	165	60	16.4	15.4	8.0
151	XAL1580-532	MSY1580-5R3M	5.30	5.2	33	26.5	165	60	16.4	15.4	8.0
152	XAL1580-202	MSY1580-2R0M	2.00	2.3	51	39.9	165	60	16.4	15.4	8.0
153	XAL1580-302	MSY1580-3R0M	3.00	3.1	43	34.4	165	60	16.4	15.4	8.0
154	XAL1580-612	MSY1580-6R1M	6.10	6.8	31	22.6	165	60	16.4	15.4	8.0
155	XAL1580-182	MSY1580-1R8M	1.80	1.9	57	43.8	165	60	16.4	15.4	8.0
156	XAL1580-401	MSY1580-R40M	0.40	0.7	111	60.0	165	60	16.4	15.4	8.2
157	XAL1580-102	MSY1580-1R0M	1.00	1.1	74	57.5	165	60	16.4	15.4	8.2
158	XAL1580-741	MSY1580-R74M	0.74	0.9	86	59.7	165	60	16.4	15.4	8.2
159	XAL1510-472	MSY1510-4R7M	4.70	3.8	39	29.0	165	60	16.4	15.4	10.0
160	XAL1510-153	MSY1510-150M	15.00	12.4	23	18.0	165	60	16.4	15.4	10.0
161	XAL1510-223	MSY4020-220M	22.00	16.0	19	14.0	165	60	16.4	15.4	10.0
162	XAL1510-822	MSY1510-8R2M	8.20	7.5	30	24.0	165	60	16.4	15.4	10.0
163	XAL1510-682	MSY1510-6R8M	6.80	4.6	36	26.0	165	60	16.4	15.4	10.0
164	XAL1510-103	MSY1510-100M	10.00	9.0	26	22.0	165	60	16.4	15.4	10.0
165	XAL1510-333	MSY1510-330M	33.00	20.0	17	12.0	165	60	16.4	15.4	11.0
166	XAL1513-153	MSY1513-150M	15.00	7.5	26	22.0	165	60	16.4	15.4	13.0