



TGL铁硅铝差模电感器目录

■ TGL 铁硅铝电感器



● 产品介绍

铁硅铝最主要的特点是比起铁粉芯损耗低，具有良好的 DC 偏流特性。价格不是最高，但是不是最低，相较于铁粉芯和铁镍钼之间。铁硅铝磁粉芯具有优异的磁磁性能，功率损耗小，磁通密度高，在-55C~+125C 温度范围内使用时，具有耐温、耐湿、抗振等高可靠性；同时，60~160 的宽磁导率范围可供选择。

是开关电源输出扼流圈、PFC 电感及谐振电感的最佳选择，具有较高的性价比。铁硅铝材质主要 μ 值有：26、60、75、90、125；标准颜色为全黑色。铁硅铝磁环已广泛应用于计算机主机板，计算机电源，电源供应器，手机充电器，灯饰变压调光器，不间断电源（UPS），各种家用电器控制板等。





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TGL	OD		ID		Ht		Perm. [μ]	AL (nH/N ²)
Part No.	Inch	mm	Inch	mm	Inch	mm		
CS1625090								
KS025-026A	0.250	6.35	0.110	2.79	0.110	2.79	26	10
KS025-060A	0.250	6.35	0.110	2.79	0.110	2.79	60	24
KS025-075A	0.250	6.35	0.110	2.79	0.110	2.79	75	30
KS025-090A	0.250	6.35	0.110	2.79	0.110	2.79	90	36
KS025-125A	0.250	6.35	0.110	2.79	0.110	2.79	125	50
KS026-026A	0.260	6.60	0.105	2.67	0.188	4.78	26	21
KS026-060A	0.260	6.60	0.105	2.67	0.188	4.78	60	50
KS026-075A	0.260	6.60	0.105	2.67	0.188	4.78	75	62
KS026-090A	0.260	6.60	0.105	2.67	0.188	4.78	90	74
KS026-125A	0.260	6.60	0.105	2.67	0.188	4.78	125	103
KS027-026A	0.260	6.60	0.105	2.67	0.100	2.54	26	11
KS027-060A	0.260	6.60	0.105	2.67	0.100	2.54	60	26
KS027-075A	0.260	6.60	0.105	2.67	0.100	2.54	75	32
KS027-090A	0.260	6.60	0.105	2.67	0.100	2.54	90	39
KS027-125A	0.260	6.60	0.105	2.67	0.100	2.54	125	54
KS031-026A	0.310	7.87	0.156	3.96	0.125	3.18	26	11
KS031-060A	0.310	7.87	0.156	3.96	0.125	3.18	60	25
KS031-075A	0.310	7.87	0.156	3.96	0.125	3.18	75	31
KS031-090A	0.310	7.87	0.156	3.96	0.125	3.18	90	37
KS031-125A	0.310	7.87	0.156	3.96	0.125	3.18	125	52
KS038-026A	0.380	9.65	0.188	4.78	0.156	3.96	26	14
KS038-060A	0.380	9.65	0.188	4.78	0.156	3.96	60	32
KS038-075A	0.380	9.65	0.188	4.78	0.156	3.96	75	40
KS038-090A	0.380	9.65	0.188	4.78	0.156	3.96	90	48
KS038-125A	0.380	9.65	0.188	4.78	0.156	3.96	125	66
KS039-026A	0.380	9.65	0.188	4.78	0.125	3.18	26	11
KS039-060A	0.380	9.65	0.188	4.78	0.125	3.18	60	25
KS039-075A	0.380	9.65	0.188	4.78	0.125	3.18	75	32
KS039-090A	0.380	9.65	0.188	4.78	0.125	3.18	90	38
KS039-125A	0.380	9.65	0.188	4.78	0.125	3.18	125	53
KS040-026A	0.400	10.20	0.200	5.08	0.156	3.96	26	14





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KS040-060A	0.400	10.20	0.200	5.08	0.156	3.96	60	32
KS040-075A	0.400	10.20	0.200	5.08	0.156	3.96	75	40
KS040-090A	0.400	10.20	0.200	5.08	0.156	3.96	90	48
KS040-125A	0.400	10.20	0.200	5.08	0.156	3.96	125	66
KS044-026A	0.440	11.20	0.250	6.35	0.156	3.96	26	11
KS044-060A	0.440	11.20	0.250	6.35	0.156	3.96	60	26
KS044-075A	0.440	11.20	0.250	6.35	0.156	3.96	75	32
KS044-090A	0.440	11.20	0.250	6.35	0.156	3.96	90	38
KS044-125A	0.440	11.20	0.250	6.35	0.156	3.96	125	53
KS050-026A	0.500	12.70	0.300	7.62	0.187	4.75	26	12
KS050-060A	0.500	12.70	0.300	7.62	0.187	4.75	60	27
KS050-075A	0.500	12.70	0.300	7.62	0.187	4.75	75	34
KS050-090A	0.500	12.70	0.300	7.62	0.187	4.75	90	40
KS050-125A	0.500	12.70	0.300	7.62	0.187	4.75	125	56
KS065-026A	0.650	16.50	0.400	10.20	0.250	6.35	26	15
KS065-060A	0.650	16.50	0.400	10.20	0.250	6.35	60	35
KS065-075A	0.650	16.50	0.400	10.20	0.250	6.35	75	43
KS065-090A	0.650	16.50	0.400	10.20	0.250	6.35	90	52
KS065-125A	0.650	10.20	0.400	10.20	0.250	6.35	125	72
KS068-026A	0.680	17.30	0.380	9.65	0.250	6.35	26	19
KS068-060A	0.680	17.30	0.380	9.65	0.250	6.35	60	43
KS068-075A	0.680	17.30	0.380	9.65	0.250	6.35	75	53
KS068-090A	0.680	17.30	0.380	9.65	0.250	6.35	90	64
KS068-125A	0.680	10.20	0.380	9.65	0.250	6.35	125	89
KS080-026A	0.800	20.30	0.500	12.70	0.250	6.35	26	14
KS080-040A	0.800	20.30	0.500	12.70	0.250	6.35	40	21
KS080-060A	0.800	20.30	0.500	12.70	0.250	6.35	60	32
KS080-075A	0.800	20.30	0.500	12.70	0.250	6.35	75	41
KS080-090A	0.800	20.30	0.500	12.70	0.250	6.35	90	49
KS080-125A	0.800	20.30	0.500	12.70	0.250	6.35	125	68
KS080-125A	0.800	20.30	.					
KS090-026A	0.900	22.90	0.550	14.70	0.300	7.62	26	19
KS090-040A	0.900	22.90	0.550	14.70	0.300	7.62	40	26
KS090-060A	0.900	22.90	0.550	14.70	0.300	7.62	60	43
KS090-075A	0.900	22.90	0.550	14.70	0.300	7.62	75	54
KS090-090A	0.900	22.90	0.550	14.70	0.300	7.62	90	65
KS090-125A	0.900	22.90	0.550	14.70	0.300	7.62	125	90
KS092-026A	0.928	23.60	0.567	14.40	0.350	8.89	26	22
KS092-040A	0.928	23.60	0.567	14.70	0.350	8.89	40	34
KS092-060A	0.928	23.60	0.567	14.40	0.350	8.89	60	51
KS092-075A	0.928	23.60	0.567	14.40	0.350	8.89	75	63





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KS092-090A	0.928	23.60	0.567	14.40	0.350	8.89	90	76
KS092-125A	0.928	23.60	0.567	14.40	0.350	8.89	125	105
KS106-026A	1.060	26.90	0.580	14.70	0.440	11.20	26	32
KS106-040A	1.060	26.90	0.580	14.70	0.440	11.20	40	50
KS106-060A	1.060	26.90	0.580	14.70	0.440	11.20	60	75
KS106-075A	1.060	26.90	0.580	14.70	0.440	11.20	75	94
KS106-090A	1.060	26.90	0.580	14.70	0.440	11.20	90	113
KS106-125A	1.060	26.90	0.580	14.70	0.440	11.20	125	157
KS107-026A	1.060	26.90	0.580	14.70	0.340	8.64	26	22
KS107-060A	1.060	26.90	0.580	14.70	0.340	8.64	60	59
KS107-075A	1.060	26.90	0.580	14.70	0.340	8.64	75	74
KS107-090A	1.060	26.90	0.580	14.70	0.340	8.64	90	89
KS107-125A	1.060	26.90	0.580	14.70	0.340	8.64	125	123
KS130-026A	1.300	33.00	0.785	19.90	0.420	10.70	26	28
KS130-040A	1.300	33.00	0.785	19.90	0.420	10.70	40	41
KS130-060A	1.300	33.00	0.785	19.90	0.420	10.70	60	61
KS130-075A	1.300	33.00	0.785	19.90	0.420	10.70	75	76
KS130-090A	1.300	33.00	0.785	19.90	0.420	10.70	90	91
KS130-125A	1.300	33.00	0.785	19.90	0.420	10.70	125	127
KS131-026A	1.300	33.00	0.785	19.90	0.345	8.76	26	22
KS131-060A	1.300	33.00	0.785	19.90	0.345	8.76	60	51
KS131-075A	1.300	33.00	0.785	19.90	0.345	8.76	75	64
KS131-090A	1.300	33.00	0.785	19.90	0.345	8.76	90	76.5
KS131-125A	1.300	33.00	0.785	19.90	0.345	8.76	125	109
KS132-026A	1.300	33.00	0.785	19.90	0.440	11.18	26	28
KS132-060A	1.300	33.00	0.785	19.90	0.440	11.18	60	65
KS132-075A	1.300	33.00	0.785	19.90	0.440	11.18	75	81
KS132-090A	1.300	33.00	0.785	19.90	0.440	11.18	90	97
KS132-125A	1.300	33.00	0.785	19.90	0.440	11.18	125	135
KS135-026A	1.350	34.30	0.920	23.40	0.350	8.89	26	16
KS135-040A	1.350	34.30	0.920	23.40	0.350	8.89	40	25
KS135-060A	1.350	34.30	0.920	23.40	0.350	8.89	60	38
KS135-075A	1.350	34.30	0.920	23.40	0.350	8.89	75	47
KS135-090A	1.350	34.30	0.920	23.40	0.350	8.89	90	57
KS135-125A	1.350	34.30	0.920	23.40	0.350	8.89	125	79
KS141-026A	1.410	35.80	0.880	22.40	0.412	10.50	26	24
KS141-040A	1.410	35.80	0.880	22.40	0.412	10.50	40	37
KS141-060A	1.410	35.80	0.880	22.40	0.412	10.50	60	56
KS141-075A	1.410	35.80	0.880	22.40	0.412	10.50	75	70
KS141-090A	1.410	35.80	0.880	22.40	0.412	10.50	90	84
KS141-125A	1.410	35.80	0.880	22.40	0.412	10.50	125	117





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KS157-026A	1.570	39.90	0.950	24.10	0.570	14.50	26	35
KS157-040A	1.570	39.90	0.950	24.10	0.570	14.50	40	54
KS157-060A	1.570	39.90	0.950	24.10	0.570	14.50	60	81
KS157-075A	1.570	39.90	0.950	24.10	0.570	14.50	75	101
KS157-090A	1.570	39.90	0.950	24.10	0.570	14.50	90	121
KS157-125A	1.570	39.90	0.950	24.10	0.570	14.50	125	168
KS168-026A	1.689	42.90	0.953	24.20	0.640	16.26	26	47
KS168-060A	1.689	42.90	0.953	24.20	0.640	16.26	60	108
KS168-075A	1.689	42.90	0.953	24.20	0.640	16.26	75	135
KS168-090A	1.689	42.90	0.953	24.20	0.640	16.26	90	161
KS168-125A	1.689	42.90	0.953	24.20	0.640	16.26	125	224
KS184-026A	1.840	46.70	0.950	24.10	0.710	18.00	26	59
KS184-040A	1.840	46.70	0.950	24.10	0.710	18.00	40	90
KS184-060A	1.840	46.70	0.950	24.10	0.710	18.00	60	135
KS184-075A	1.840	46.70	0.950	24.10	0.710	18.00	75	169
KS184-090A	1.840	46.70	0.950	24.10	0.710	18.00	90	202
KS184-125A	1.840	46.70	0.950	24.10	0.710	18.00	125	281
KS185-026A	1.840	46.70	1.130	28.70	0.600	15.20	26	37
KS185-040A	1.840	46.70	1.130	28.70	0.600	15.20	40	57
KS185-060A	1.840	46.70	1.130	28.70	0.600	15.20	60	86
KS185-075A	1.840	46.70	1.130	28.70	0.600	15.20	75	107
KS185-090A	1.840	46.70	1.130	28.70	0.600	15.20	90	128
KS185-125A	1.840	46.70	1.130	28.70	0.600	15.20	125	178
KS200-026A	2.000	50.80	1.250	31.80	0.530	13.50	26	32
KS200-040A	2.000	50.80	1.250	31.80	0.530	13.50	40	49
KS200-060A	2.000	50.80	1.250	31.80	0.530	13.50	60	73
KS200-075A	2.000	50.80	1.250	31.80	0.530	13.50	75	91
KS200-090A	2.000	50.80	1.250	31.80	0.530	13.50	90	109
KS200-125A	2.000	50.80	1.250	31.80	0.530	13.50	125	152
KS225-026A	2.250	57.20	1.400	35.60	0.550	14.00	26	33
KS225-040A	2.250	57.20	1.400	35.60	0.550	14.00	40	50
KS225-060A	2.250	57.20	1.400	35.60	0.550	14.00	60	75
KS225-075A	2.250	57.20	1.400	35.60	0.550	14.00	75	94
KS225-090A	2.250	57.20	1.400	35.60	0.550	14.00	90	112
KS225-125A	2.250	57.20	1.400	35.60	0.550	14.00	125	156
KS226-026A	2.250	57.20	1.039	26.40	0.600	15.20	26	60
KS226-040A	2.250	57.20	1.039	26.40	0.600	15.20	40	92
KS226-060A	2.250	57.20	1.039	26.40	0.600	15.20	60	138
KS226-075A	2.250	57.20	1.039	26.40	0.600	15.20	75	175
KS226-090A	2.250	57.20	1.039	26.40	0.600	15.20	90	207
KS226-125A	2.250	57.20	1.039	26.40	0.600	15.20	125	287





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KS250-026A	2.441	62.00	1.283	32.60	0.984	25.00	26	83
KS250-060A	2.441	62.00	1.283	32.60	0.984	25.00	60	192
KS250-075A	2.441	62.00	1.283	32.60	0.984	25.00	75	240
KS250-090A	2.441	62.00	1.283	32.60	0.984	25.00	90	288
KS250-125A	2.441	62.00	1.283	32.60	0.984	25.00	125	400
KS268-026A	2.680	68.00	1.417	36.00	0.787	20.00	26	62
KS268-060A	2.680	68.00	1.400	36.00	0.787	20.00	60	143
KS268-075A	2.680	68.00	1.417	36.00	0.787	20.00	75	179
KS268-090A	2.680	68.00	1.417	36.00	0.787	20.00	90	214
KS268-125A	2.680	68.00	1.417	36.00	0.787	20.00	125	300
KS290-026A	2.917	74.10	1.783	45.30	1.378	35.00	26	89
KS290-060A	2.917	74.10	1.783	45.30	1.378	35.00	60	206
KS290-075A	2.917	74.10	1.783	45.30	1.378	35.00	75	257
KS290-090A	2.917	74.10	1.783	45.30	1.378	35.00	90	309
KS290-125A	2.917	74.10	1.783	45.30	1.378	35.00	125	429
KS300-026A	3.063	77.80	1.938	49.20	0.500	12.70	26	30
KS300-040A	3.063	77.80	1.938	49.20	0.500	12.70	40	45
KS300-060A	3.063	77.80	1.938	49.20	0.500	12.70	60	68
KS300-075A	3.063	77.80	1.938	49.20	0.500	12.70	75	85
KS300-090A	3.063	77.80	1.938	49.20	0.500	12.70	90	102
KS300-125A	3.063	77.80	1.938	49.20	0.500	12.70	125	142
KS301-026A	3.063	77.80	1.938	49.20	0.625	15.90	26	37
KS301-040A	3.063	77.80	1.938	49.20	0.625	15.90	40	57
KS301-060A	3.063	77.80	1.938	49.20	0.625	15.90	60	85
KS301-075A	3.063	77.80	1.938	49.20	0.625	15.90	75	107
KS301-090A	3.063	77.80	1.938	49.20	0.625	15.90	90	128
KS301-125A	3.063	77.80	1.938	49.20	0.625	15.90	125	178
KS400-026A	4.000	101.60	2.250	57.15	0.650	16.51	26	48
KS400-060A	4.000	101.60	2.250	57.15	0.650	16.51	60	112
KS400-075A	4.000	101.60	2.250	57.15	0.650	16.51	75	137
KS400-090A	4.000	101.60	2.250	57.15	0.650	16.51	90	164
KS400-125A	4.000	101.60	2.250	57.15	0.650	16.51	125	232
KS401-026A	4.000	101.60	2.250	57.15	0.535	13.59	26	40
KS401-060A	4.000	101.60	2.250	57.15	0.535	13.59	60	92
KS401-075A	4.000	101.60	2.250	57.15	0.535	13.59	75	115
KS401-090A	4.000	101.60	2.250	57.15	0.535	13.59	90	139
KS401-125A	4.000	101.60	2.250	57.15	0.535	13.59	125	192
KS520-026A	5.218	132.54	3.094	78.59	0.800	20.32	26	54
KS520-060A	5.218	132.54	3.094	78.59	0.800	20.32	60	124
KS520-075A	5.218	132.54	3.094	78.59	0.800	20.32	75	155
KS520-090A	5.218	132.54	3.094	78.59	0.800	20.32	90	187





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KS520-125A	5.218	132.54	3.094	78.59	0.800	20.32	125	259
KS521-026A	5.218	132.54	3.094	78.59	1.000	25.40	26	68
KS521-060A	5.218	132.54	3.094	78.59	1.000	25.40	60	156
KS521-075A	5.218	132.54	3.094	78.59	1.000	25.40	75	195
KS521-090A	5.218	132.54	3.094	78.59	1.000	25.40	90	234
KS521-125A	5.218	132.54	3.094	78.59	1.000	25.40	125	325
KS650-026A	6.500	165.10	3.500	88.90	2.000	50.80	26	151
KS650-026A-E25.4								
KS650-060A	6.500	165.10	3.500	88.90	2.000	50.80	60	348
KS650-060A-E25.4								
KS650-075A	6.500	165.10	3.500	88.90	2.000	50.80	75	436
KS650-075A-E25.4								
KS650-090A	6.500	165.10	3.500	88.90	2.000	50.80	90	523
KS650-090A-E25.4								
KS650-125A	6.500	165.10	3.500	88.90	2.000	50.80	125	726

