

**COMPETITOR CROSS REFERENCE GUIDE**  
**2008**



*The Power of Linking Together*

**ABRACON**  
**CORPORATION**

## Abracon Competitor Cross Reference Guide-I

Category	Abracon Series	L(or Z) Range	Idc (A)	Competitor 1	Cross Series	Competitor 2	Cross Series	Competitor 3	Cross Series
Thin Film Inductor	ATFC-0201	1~10nH	0.3~0.08	Murata	LQP03T	KOA	KL731H	Susumu	HPL0603
	ATFC-0402	0.2~33nH	0.8~0.07	Murata	LQP15M	KOA	KL731E	Susumu	HPL1005
	ATFC-0603	1.0~100nH	0.8~0.1	Murata	LQP18M	KOA	KE731J	Susumu	TFL0816
Multi-layer Ceramic Chip Inductor	AIMC-0201	1~18nH	0.17~0.15	TDK	MLG0603S	Taiyo Yuden	HK0603	TOKO	LLV0603F
	AIMC-0201			Samsung	CIH03T				
	AIMC-0402	1~120nH	0.15~0.04	TDK	MLK1005S	Taiyo Yuden	HK1005	TOKO	LL1005FHL
	AIMC-0402			Panasonic	ELJRF	KOA	MHL-1E	Sumida	SCI-B1005
	AIMC-0402			Murata	LQG15H	Cal-Chip	GHF1005	Vishay Dale	ILC0402
	AIMC-0402			Samsung	CISH05T	EPCOS	SIMID0402A	Fair-rite	220402-C
	AIMC-0603	1~270nH	0.3~0.05	TDK	MLG1608	Taiyo Yuden	HK1608	TOKO	LL1608FSL
	AIMC-0603			Panasonic	ELJRE	KOA	HK1608	Sumida	SCI-B1608
	AIMC-0603			Murata	LQG18H	EPCOS	SIMID0603C	Steward	IH0603
	AIMC-0603			Samsung	CIH10	Vishay Dale	IFC-0603	Fair-rite	220603-C
	AIMC-0805	1.5~470nH	0.6~0.3	Panasonic	ELJND	Taiyo Yuden	HK2125	TOKO	LL2012FH
AIMC-0805	Samsung			CIH21	Vishay Dale	IFC-0805			
Multi-layer Ferrite Chip Inductor	AIML-0402	0.047~10μH				Taiyo Yuden	LK1005		
	AIML-0603	0.047~33μH	0.5~0.005	TDK	MLF1608A	Taiyo Yuden	LK1608	Samsung	CIL10
	AIML-0805	0.047~100μH	0.3~0.002	Murata	LQM21	Taiyo Yuden	LK2125	Samsung	CIL21
	AIML-0805			WÜRTH	7447903	Vishay Dale	ILSB0805	TDK	MLF2012A
	AIML-1206	0.047~220μH	0.3~0.002	Vishay Dale	ILSB1206	Taiyo Yuden	LK3216	Samsung	CIL31
Ceramic (Ferrite) Wire Wound Chip Inductor	AISC-0402	1.0~150nH	1.36~0.08	Coilcraft	0402CS	KOA	KQT0402	Murata	LQW15A
	AISC-0402			Panasonic	ELJRF	Vishay Dale	IMC040	Bourns	
	AISC-0603	1.8~390nH	0.7~0.12	Coilcraft	0603CS	KOA	KQ0603	TOKO	LLQ1608
	AISC-0603			Murata	LQW18A	PE	PE-0603CD	WÜRTH	7447611xx
	AISC-0805	2.2~1,000nH	0.6~0.15	Coilcraft	0805CS	KOA	KQ0805	TOKO	LLQ2012
	AISC-0805F	1~68μH	0.25~0.05	coilcraft	0805LS	EPCOS	B82498-B		
	AISC-1008(F)	0.0047~10μH	1.0~0.15	Coilcraft	1008CS/HS	KOA	KQ1008		
	AISC-1008S	1.0~1,000μH	2.0~0.11	Coilcraft	1008PS				
AISC-1206	0.0033~1.2μH	1.0~0.3A	Coilcraft	1206CS					
Molded Wire Wound Chip Inductor	AISM-0805	0.12~10μH	1.1~0.18	Panasonic	ELJ-ND	Vishay Dale	IMC0805		
	AISM-1008	0.22~100μH	0.19~0.06	Panasonic	ELJFC	Taiyo Yuden	LEM2520	TDK	NLV25
	AISM-1210	0.1~470μH	0.45~0.025	Panasonic	ELJFA	EPCOS	B82422	TDK	NLV32
	AISM-1210H	1.0~330μH	0.85~0.06	Panasonic	ELJ-EA	Vishay Dale	IMC-1210	TDK	NLCV32
	AISM-1812	0.1~1000μH	0.8~0.03	Panasonic	ELJFB	Coilcraft	1812CS	TDK	NL4532
	AISM-1812H	1.0~330μH	1.05~0.09			Vishay Dale	IMC-1812	TDK	NL(C)4532
	AISM-2220	0.1~1000μH	1.8~0.085					TDK	NLC5650

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# Abracon Competitor Cross Reference Guide-II

Category	Abracon Series	L(or Z) Range	Idc (A)	Competitor 1	Cross Series	Competitor 2	Cross Series	Competitor 3	Cross Series
SMD Air Coil	AIAC-3625	4.5~86.4nH		PPC	11591				
	AIAC-1512C	2.5~18.5nH	4	Coilcraft	AxxT				
	AIAC-2712C	17.5~43nH	4	Coilcraft	BxxT				
	AIAC-2015C	22~120nH	3.0~1.5	Coilcraft	1812MS				
	AIAC-4125C	90~538nH	4.0~1.5	Coilcraft	132-xxSM				
Axial Thru Hole Inductor	AIAM	0.022~1000μH	2.4~0.028	Delevan	1025/0925				
	AIAS	0.1~100000μH	2.9~0.022	JW Miller	9230	Vishay Dale	IMS5/812		
	AICC	0.022~100μH	1.38~0.064	Fastron	MICCS	Vishay Dale	IR-2		
	AIAP	1~12000μH	16~0.5	Coilcraft	PCH-27				
Toroidal Power Inductor Transformer	AICT	10~1000μH	1.7~0.5	API Delevan	PT 2727				
	AIMT	5~960μH	10~0.5	Bourns	2100HT	Vishay Dale	TJ,TD, TE		
	ALFT-1926V			Delta	30H				
	APT-1313			Coiltronics	VP1				
	APT-0908			Halo	TGM-2xxNx				
	AITC-234	10~500μH	2.2~0.5	Pulse	P0144~0153				
	ASTC-05	3.3~33.79μH	4.5~1.4	Pulse	P0395~0402	API Delevan	LLST		
Radial Power Inductor	AIRD	1.0~4700μH	116~1.7	Coilcraft	PCV,DC				
	AIRD-5138	33μH		Renco	RL-8392				
	AIRD-3838	310μH		Renco	RL-8391				
	AIUR-01	1~27000μH	14.2~0.03	Sumida	RCH, RCR	TOKO	8RB,10RB		
	AIUR-11	3.9~15,000μH	6.8~0.1	Coilcraft	DR0810	Bourns	6000	Bourns	RLB0914
SMD Unshielded Power Inductor	AISC-1206H	0.15~100μH	0.25~0.045			Murata	LQH31C		
	AISC-1210H	0.15~680μH	4.4~0.04	Coilcraft	ME3220	Murata	LQH32M/C		
	AISC-1812H	1.0~2200μH	1.08~0.03	Coilcraft	1812LS	Murata	LQH43C		
	AISC-2220H	1.0~1000μH	13~0.01			Murata	LQH55D		
	ASPI-0302	1.0~180μH	2.1~0.15	Sumida	CD32				
	ASPI-0403	1.0~56μH	3.8~0.46	Sumida	CD43	Bourns	SDR0403		
	ASPI-0504	10~220μH	1.44~0.35	Sumida	CD54	Vishay Dale	IDCP2218		
	ASPI-0703	10~680μH	1.44~0.27	Sumida	CD73				
	ASPI-0705	1.0~470μH	2.3~0.34	Sumida	CD75				
	ASPI-1004	10~560μH	2.38~0.32	Sumida	CD104				
	ASPI-1005	10~1000μH	2.6~0.22	Sumida	CD105				
	ASPI-xxxxHC	0.33~270μH	20~0.08	Coilcraft	DOxxxxH(C)	Coiltronics	UP4B		
	ASPI-0402T	1.0~1000μH	2.9~0.1	Coilcraft	DO1608C	Pulse	P0770NL		
	ASPI-0802T	10~1000μH	2.4~0.1	Coilcraft	DO3308P				
	ASPI-0804T	1.0~2700μH	9~0.2	Coiltronics	UP2B	EPCOS	B82464-A4	Midcom	DUS-5121
	ASPI-0810T	4.7~2700μH	10~0.1	Coilcraft	DO3340P				
	ASPI-1306T	1.0~1000μH	20~1.0	Coilcraft	DO5022P				
	ASPI-561x	2.2~1000μH	2.2~0.1	Panasonic	ELC5F	Samsung	SD541X		
ASTP-9428			Coiltronics	UP2.B					
ASTP-6150			Coiltronics	UP1B					

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## Abracon Competitor Cross Reference Guide-III

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SMD Shielded Power Inductor	ASPI-0315S	3.3~47μH	0.8~0.21	Panasonic	ELL4GM				
	ASPI-0428S	1.2~180μH							
	ASPI-0503S	2.5~470μH	2.6~0.2	Sumida	CDRH5D18				
	ASPI-0602S	3.0~100μH	3.0~0.54	Sumida	CDRH6D28				
	ASPI-0703S	3.3~1000μH	1.9~0.16	Coiltronics	DR73	Sumida	CDRH73	TOKO	D73C
	ASPI-0704S	10~1000μH		Coiltronics	DR74	Sumida	CDRH74	TOKO	D75C
	ASPI-104S	1.0~330μH	13.6~0.7	Coilcraft	MSS1038	Sumida	CDRH104		
	ASPI-1205S	1.0~1000μH	8.0~0.4	Coilcraft	MSS1260	Sumida	CDRH125	EFMRS	XFTPRH1205
	ASPI-1207S	1.0~1000μH	14~0.55	Coilcraft	MSS1278	Sumida	CDRH127	Wuerth	7447702
	ASPI-0403S		3.0~0.02	Coilcraft	DT1608C				
	ASPI-1306S	10~1000μH	8.0~0.8	Coilcraft	DS5022				
	ASPI-1338	0.1~10μH	84~14	Vishay Dale	IHL5050 CE		IHL5050 CE		IHL5050 CE
	ASPI-1367	1.0~10μH		Vishay Dale	IHL5050 FD	Vishay Dale	IHL5050 FD	Vishay Dale	IHL5050 FD
	ASPI-xDxx	1.2~47μH	1.8~0.28			Sumida	CDRHxDxx		
	ASPI-4118	0.22~4.3μH	18~5.0			Sumida	CDEP104L/S		
	ASPI-4122	0.15~8.8μH	19~4.9			Sumida	CDEP105x		
	ASPI-5123	0.4~10.0μH	18.5~5.0	Coilcraft	SER1360	Sumida	CEP125		
ASPI-06P	1.0~10.0μH	60~7.0							
ALPI	1.2~1500μH	8.2~0.26							
Common Mode Chokes	ACM-21	30~370μH		TDK	ACM2012D	Steward	CM0805		
	ALFT-0x	0.4~105mH	3~0.2	Coilcraft	Q4007/4018	Sumida	LF2xxx	Murata	LQN6C
	ALFT-01	2.5~35mH	2.0~0.5			Panasonic	ELF18N		
	ALFT-04	0.24~10mH	20~8	Coilcraft	DMT1	Panasonic	ELF16M		
	ALFT-10	0.58~50mH	13~2.3	Coilcraft	DMT2				
	ALFT-9	0.82~33mH	2.0~0.3			Sumida	UU16LFNP		
	ALFT-18	0.4~4.5mH	10~2.0			Sumida	PFC2225B		
	ASTC-01	0.42~300μH	5.5~0.32	Coilcraft	CTXxxx-1(P)	API Delevan	4501		
	ASTC-1B	0.54~300μH	5.9~0.42	Coilcraft	CTXxxx-2(P)				
	ASTC-2B	0.46~300μH	6.2~0.5	Coilcraft	CTXxxx-3(P)				
ASTC-04	0.46~300μH	7.0~0.62	Coilcraft	CTXxxx-4(P)	API Delevan	4448			
EMI Suppression Ferrite Chip Bead	ACML-0402	5~1500Ω	0.5~0.06	Murata	BLM15	Steward	LI0402B		
	ACML-0603	5~2500Ω	0.7~0.05	Murata	BLM18R			Vishay Dale	ILBB-0603
	ACML-0603H	5~600Ω	2.0~0.8	Murata	BLM18PG	Steward	MI0603	Taiyo Yuden	BKP1608HS
	ACML-0805	7~2000Ω	2.2~0.5	Murata	BLM21			Vishay Dale	ILBB-0805
	ACML-0805H	7~1000Ω	4.0~1.0	Murata	BLM21PG	Steward	MI0805	Murata	BLM21PG
	ACML-1206	7~3000Ω	2.5~0.2	Murata	BLM31	Steward	HZ1206	Vishay Dale	ILBB-1206
	ACML-1206H	11~2000Ω	4.0~0.7	Murata	BLM31P	Taiyo Yuden	FBMH3216	Murata	BLM31P
LAN Magnetics	ALAN-xxx			Pulse	Hxxx				
	ALAN-1209			Halo	TG54-1006N				
	ARJ			Pulse	J0011	Delta	RJS-1x08T		
Toroidal Encap. EI Encap. UI Pulse XFT	ACTT-0xxx	1.6~85VA							
	AEPT-0xxx	0.35~2.8VA		Pulse	030-53xx~77xx				
	ALPT-xx	2.0~30VA		Pulse	030-50xx~70xx				
	APT-xxx	6~24pins		Pulse	PE-6xxxx	Halo	TG110		

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