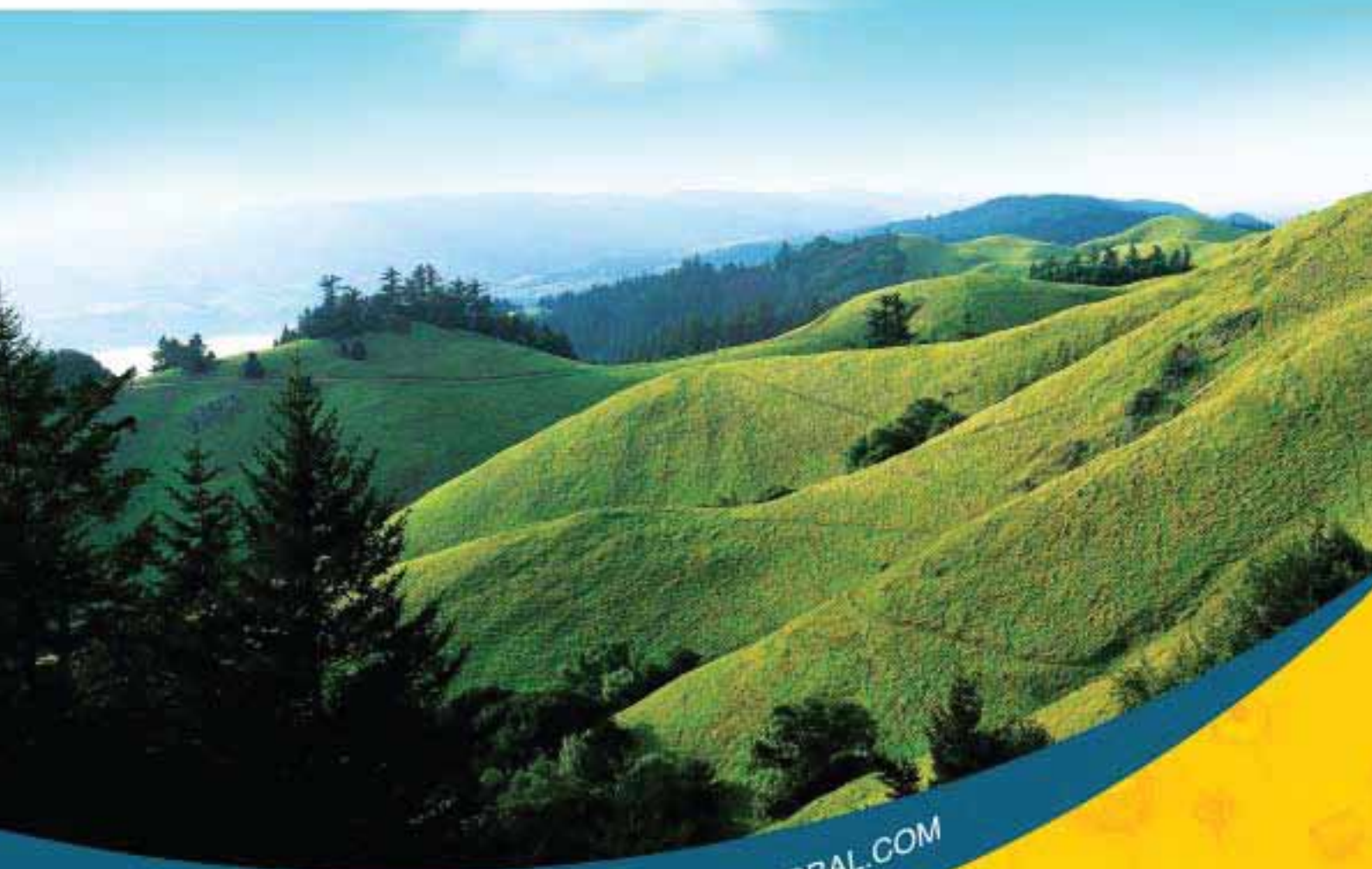


THROUGH-HOLE CHOKES, INDUCTORS & TOROIDS

3L ELECTRONIC CORP.







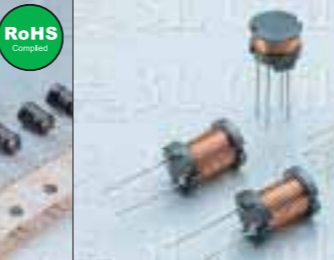







3L ELECTRONIC
CORPORATION







WEB: WWW.3LCOIL.COM

U.S: WWW.3LGLOBAL.COM

Comp	Axial Leaded Inductors				Radial Leaded Inductors						Ferrite Beads	Wide Band Chokes
Series	EC	VC	DPI	FC	DR	PK	PKS	FS/FSB	PKB	MF0709,0809,1112	WBRH	WBR6H
Photos												
Dimensions	EC22 2.8x4 (Max) EC23 2.3x6.35 (Max) EC24 3x8 (Max) EC36 4x11 (Max) EC38 4.2x12 (Max) EC46 5x12 (Max) EC0410 5x15 (Max)	VC0310 4.5x15 (Max) VC0410 5x15 (Max) VC0513 6.6x16.5 (Max) VC0616 7x20 (Max) VC1019 11.5x22.86 (Max)	DPI1210 10.4x12.8 (Max)	FC0205 3.5x6 (Max) FC0310 5x11 (Max) FC0415 5.5x16 (Max) FC0520 7x21 (Max) FC0630 9.5x31 (Max) FC0820 16x23 (Max) FC1040 24x41.3 (Max)	DR0606 7x6.5 (Max) DR0707 8x7.5 (Max) DR0807 9x7.5 (Max) DR1010 11.5x10.5 (Max) DR1213 15.5x15.5 (Max)	PK0406 5x8 (Max) PK0608 7x11 (Max) PK0707 8x9.5 (Max) PK0807 9x9.5 (Max) PK0810 9x13 (Max) PK1010 12x13 (Max) PK1012 12x15 (Max) PK1018 12x21 (Max) PK1213 14x16 (Max)	PKS0605 6.5x5.2 (Max) PKS0606 6.5x6.5 (Max) PKS0805 8.3x5.5 (Max) PKS0807 8.3x7.5 (Max) PKS0809 8.3x9.5 (Max) PKS4W1006 10.5x6.5 (Max) PKS4W1008 10.5x8.5 (Max) PKS4W1010 10.5x10.5 (Max) PKS1014 10.5x14.4 (Max)	FS0606 6.5x6.5 (Max) FS0807 8.3x7.5 (Max) FS1012 11x13.5 (Max) FS1215 13.4x17 (Max) FS1618 17x19.2 (Max) FS4W1008 10.5x8.5 (Max) FS4W1010 10.5x10.5 (Max) FSB1014 11x14 (Max)	PKB0804 10x8.9 (Max) PKB0865 10x11.5 (Max) PKB0809 10x14 (Max)	MF0709 8.1x9.8 (Max) MF0809 9.1x9.8 (Max) MF1112 11.5x12.5 (Max)	WBRH-354708 3.65x6.95 (Max) WBRH-35608 3.65x8.25 (Max) WBRH-35908 3.65x11.3 (Max) (For the rest, please check our detail catalog)	WBR6H 6.15x15 (Max)
Characteristics	EC22 0.1uH to 1000uH EC23 47nH to 820nH EC24 0.1uH to 1000uH EC36 0.1uH to 1000uH EC38 1.0uH to 10000uH EC46 1200uH to 33000uH	VC0310 0.15uH to 56uH VC0410 0.15uH to 56uH VC0513 3.9uH to 18000uH VC0616 3.9uH to 18000uH VC1019 3.9uH to 100000uH	DPI1210 0.22uH to 4.7uH	FC0205 1.0uH to 1.2uH FC0310 1.8uH to 4.7uH FC0415 4.7uH to 10uH FC0520 10uH to 27uH FC0630 4.7uH to 56uH	DR0606 1.0uH~4.7uH 4.3A~2.4A DR0707 1.0uH~22 uH 5.0A~1.3A DR0807 2.2uH~22 uH 4.0A~1.5A DR1010 3.3uH~100uH 5.9A~1.4A DR1213 10 uH~330uH 5.1A~1.4A	PK0406 1uH~25mH PK0608 1uH~150mH PK0707/0807 1uH~1500uH PK0810/1010 3.3uH~100mH PK1012/1018 4.7uH~100mH PK1213 10uH~100mH	PKS0605/0606 22uH~1000uH PKS0805/0807 10uH~10mH PKS0809 10uH~47mH PKS4W1006 10uH~1000uH PKS4W1008/1010 10uH~1000uH PKS1014 6.3uH~39mH	FS0606/0807 22uH~1000uH FS4W1008/1010 10uH~1000uH FS1012/1215 1.2mH~1200mH FS1618 1mH~1500mH FSB1014 1mH~120mH	PKB0804 100uH to 15000uH PKB0865 1uH to 470uH PKB0809 100uH to 36000uH	MF0709 1.0~1500uH MF0809 5.0~0.16A MF1112 2.2~1500uH MF1112 4.0~0.18A MF1112 3.3~15000uH MF1112 5.9~0.12A	WBRH-354708 20uHmin@25MHz to 50uHmin@100MHz WBRH-35608 30uHmin@25MHz to 60uHmin@100MHz WBRH-35908 60uHmin@25MHz to 80uHmin@100MHz	WBR6H 200uH to 1000uH
Applications	Flyback Transformer, Modem, Telephone, Monitor, Remote Control, TV and Audio. Keyboard/wireless keyboard.	Switching power supply, SCR and Triac Controls, TV and Audio. Keyboard/wireless keyboard.	Desktop and application. DC/DC Converters in distributed power systems. VGA card.	Antenna circuit and power line. DC-DC converter Keyboard/wireless keyboard.	TVs and Audio equipment. Telecommunication devices. Switching Power Supply. Other noise filter.	Alarm, Buzzer, Power supply, TV, Radio, Remote toy, Office equipment, Communication device. Audior card, Energy saving bulb Keyboard/wireless keyboard.	Televisions, VCD, DVD. Personal computer. Switching Power Supplies. Telecommunication devices.	Network socket for ISDN/ Telephone line, Wireless phone, Tape recorder. Other circuits of consideration against radiation.	Alarm, Buzzer, Power supply, TV, Radio, Remote toy, Office equipment, Communication device.	Televisions,VCD, DVD. Personal computer. Switching Power Supplies. Telecommunication devices.	EMI/EMC Control in Power lines Monitor, Keyboard, Mouse, Video card, Modem.	EMI/EMC Control in Power lines Monitor, Keyboard, Mouse, Video card, Modem.

Note: All dimensions are defined as OD x L (Part's Overall Outside Diameter x Body Length) and All the dimension units are in "mm".

Comp	Molded Coils	General I.F.T.	Spring Coils	Molded Inductors	Balun Coils	Toroids			AC Line Filters			Trigger Coils
Series	MD	IFT	SC	MF	BL	TCT	LFD	SI	TB	LF	LFU	TR
Photos												
Dimensions	Width: 4.5mm to 12.7mm Height: 5mm to 18.8mm	Width: 5.8mm to 10.5mm Height: 6.2mm to 15.5mm	Depending on customer's requirement.	MF0616 6.9x16.4 MF6514 6.5x14.5 MF1012 10x12	Depending on customer's requirement	TCT 8.0x9.5 (Max)	LFD648075 6.4x8.0 (Max) LFD707010 9.5x10.5 (Max)	SI210709 18.0x21.0 (Max)	Depending on customer's requirement	LFV129 17.5x17.5 (Max) LFV 23x23(Max) LFH 23x15 (Max) LFL 36x35 (Max) LFLH 35x22 (Max) LFC 23x17 (Max)	LFU9.8 17x17 (Max) LFU9.8H 17x13 (Max) LFU10 19x22 (Max) LFU16 23x27.5 (Max) LFUT20 22x23 (Max)	TR-02 7x16 (Max) TR-03 5.5x12 (Max)
Characteristics	Inductance: 0.02uH to 1.5uH Freq.: 10MHz to 500MHz	Inductance 1uH to 10mH Freq.: 10KHz to 200MHz	Wire gauge: 0.2mm to 3.2mm Rated Current: up to 50A Freq.: up to 1GHz	MF0616 3.9uH to 18000uH MF6514 1uH to 10000uH MF1012 10uH to 47000uH	Input impedance: 300Ω Output impedance: 75Ω or 300Ω Insert loss: 1.5dB (Max) (40MHz to 220MHz)	TCT 4.7uH to 120uH	LFD648075 15uH to 60mH LFD707010 6.75uH to 11.9uH (Max)	SI210709 15mH to 100mH Turns: 50~300Ts	TBV 10uH to 40000uH TBH 10uH to 40000uH	LFV129 0.6mH to 5mH LFV 1mH to 10mH LFH 1mH to 10mH LFL 0.2mH to 5mH LFLH 0.2mH to 5mH LFC 0.3mH to 5.5mH	LFU9.8 0.5mH to 10.0mH LFU9.8H 0.5mH to 10.0mH LFU10 0.6mH to 10.0mH LFU16 1.5mH to 30mH LFUT20 0.75mH to 33.0mH	TR-02 L1:6mH L2:1.2uH TR-03 L1:4.5mH L2:1uH
Applications	Remote control, Cable TV application, Satellite receiver, Remote toy Car navigation system, CATV Electronic toy.	Radio associated application. BS tuner. Car audio system, CATV, Cordless phone,Electronic toy, Radio sets.	High Freq. communication. BS tuner, Car audio system, CATV. Digital video camera (DVC). Electronic toy. Video cassette recorder (VCR).	TV, Audio, Telecommunication, Electronic Control. RF filters. Other noise filter.	Radio sets, Satellite receiver. Stereo components. Television/HDTV. In frequency converter as Balance/ Unbalance Transformer.	PC, Laptop. Monitor. Audio card. Facsimile. Keyboard/wireless keyboard.	PC associated product ADSL. EMI filters. Personal computers.. Communication equipment.	Sensor equipment like electronic Counter. Signal Pickup.	Common Mode Choke for power circuit in house & office equipment, Switching power supplies	Common Mode Choke for power circuit in house & office equipment, Switching power supplies	Power supply. Digital set-top box (STB) Electronic traffic control. Household equipment.	Flashlight circuit in camera. Laser printer

Note: All dimensions are defined as OD x L (Part's Overall Outside Diameter x Body Length) and All the dimension units are in "mm".

PRODUCTS		THROUGH-HOLE PRODUCTS											
		CONFORMAL COATED INDUCTORS	FERRITE BEAD	CHOKE COILS	RADIAL LEADED INDUCTORS	MOLDED INDUCTORS	HIGH CURRENT FILTER CHOKES	MOLDED COILS	SPRING COILS	BALUN COILS	I.F.T. & OSCILLATOR COILS	TOROID COILS	AC LINE FILTERS
SERIES		EC	WBRH, WBRID, WBRHX2	VC, PK, PKB, DPI, FS, FSB, TR	MF0709,0809,1112	MF	FC	MD	SC	BL	IFT	TC, TCT, LFD, SI, TB, LF	LFU
AUDIO CARD		♦	♦	♦	♦							♦	
BS TUNER		♦		♦		♦			♦		♦		
CABLE MODEM		♦										♦	
CAR AUDIO SYSTEM		♦		♦	♦	♦		♦	♦	♦	♦	♦	
CAR NAVIGATION SYSTEM												♦	
CATV		♦	♦				♦	♦	♦	♦	♦	♦	♦
CD PLAYER		♦		♦	♦	♦					♦		
CD-ROM/CDRW PORTABLE												♦	
CELLUAR PHONE CHARGER							♦					♦	♦
CORDLESS PHONE		♦	♦	♦	♦		♦	♦	♦		♦	♦	
DC-DC CONVERTER				♦	♦	♦							♦
DIGITAL SET-TOP BOX (STB)				♦								♦	♦
DIGITAL STILL CAMERA (DSC)				♦								♦	
DIGITAL VIDEO CAMERA (DVC)												♦	
DIGITAL VIDEO DEVICE (DVD)												♦	♦
ELECTRONIC TOY		♦	♦	♦	♦			♦	♦		♦	♦	
ELECTRONIC TRAFFIC CONTROL												♦	♦
ELECTRONIC WATCH & CLOCK				♦									
FACSIMILE		♦	♦	♦	♦		♦					♦	♦
FLOPPY DISK		♦	♦										
HDD/OMDD													
HOUSEHOLD EQUIPMENT		♦	♦	♦	♦	♦						♦	♦
IMAGE PROCESSOR				♦				♦					
INDUSTRIAL MACHINE		♦	♦	♦	♦	♦	♦					♦	♦
KEYBOARD/WIRELESS KEYBOARD		♦	♦	♦	♦	♦	♦				♦	♦	
LAPTOP PC												♦	
LASER PRINTER			♦	♦	♦								
LCD & LCD BACKLIGHT MODULE													♦
MEASURING INSTRUMENT		♦	♦	♦	♦	♦		♦			♦	♦	
MONITOR		♦	♦	♦	♦	♦						♦	
MOTHERBOARD		♦										♦	
MOUSE/WIRELESS MOUSE		♦	♦	♦	♦								
PAGERS		♦		♦	♦								
PERSONAL DIGITAL ASSISTANT (PDA)				♦									
RADIO SETS		♦		♦	♦			♦	♦	♦	♦		
REMOTE CONTROL		♦						♦	♦				
SATELLITE RECEIVER		♦	♦	♦	♦		♦		♦	♦	♦	♦	♦
SCANNER		♦		♦	♦							♦	♦
SMALL TV SETS		♦	♦				♦		♦		♦	♦	
STEREO COMPONENTS		♦					♦	♦	♦	♦	♦	♦	
SWITCHING POWER SUPPLIES		♦	♦	♦	♦		♦					♦	♦
TAPE RECORDER		♦		♦	♦	♦		♦	♦		♦	♦	
TELEPHONE		♦	♦	♦	♦							♦	
TELEVISION/HDTV		♦	♦	♦	♦	♦				♦	♦	♦	♦
ULTRASONIC MEDICAL EQUIPMENT		♦		♦	♦							♦	
VIDEO CARD		♦	♦									♦	
VIDEO CASSETTE RECORDER (VCR)		♦							♦		♦	♦	♦
VIDEO DISK PLAYER (VCD)		♦	♦	♦	♦							♦	♦

APPLICATIONS (BY ALPHABETIC ORDER)