



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



Contact us

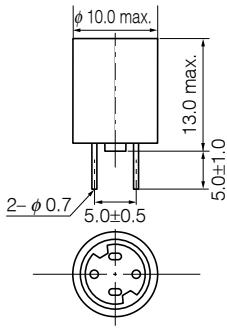
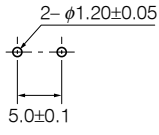
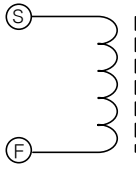
Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China

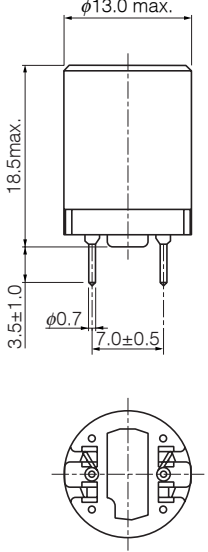
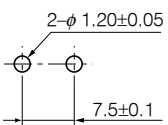
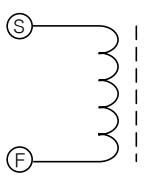


Examples Type 10E□□□L

	Part No.	Inductance (μH)	Tolerance (%)	Test Freq. (kHz)	RDC.(Ω) [at 20°C] (Tol.±20 %)	*IDC. [at 20°C] (A)max.	
<p>[Dimensions in mm] (not to scale)</p> 	ELC10E3R9L	3.9	±20	10	0.024	2.90	
	ELC10E4R7L	4.7			0.027	2.80	
	ELC10E5R6L	5.6			0.030	2.70	
	ELC10E6R8L	6.8			0.032	2.60	
	ELC10E8R2L	8.2			0.035	2.50	
	ELC10E100L	10.0			0.038	2.40	
	ELC10E120L	12.0			0.040	2.30	
	ELC10E150L	15.0			0.046	2.20	
	ELC10E180L	18.0			0.049	2.10	
	ELC10E220L	22.0			±15	0.056	2.00
	ELC10E270L	27.0				0.062	1.90
	ELC10E330L	33.0				0.068	1.80
	ELC10E390L	39.0				0.074	1.70
	ELC10E470L	47.0				0.098	1.50
	<p>Recommended PWB piercing plan</p> 	ELC10E560L			56.0	±10	10
ELC10E680L		68.0	0.150	1.20			
ELC10E820L		82.0	0.190	1.00			
ELC10E101L		100.0	0.210	0.96			
ELC10E121L		120.0	0.240	0.92			
ELC10E151L		150.0	0.260	0.83			
ELC10E181L		180.0	0.290	0.74			
ELC10E221L		220.0	0.410	0.64			
ELC10E271L		270.0	0.590	0.54			
ELC10E331L		330.0	0.660	0.52			
ELC10E391L		390.0	0.720	0.50			
ELC10E471L		470.0	0.800	0.45			
ELC10E561L		560.0	1.100	0.41			
ELC10E681L		680.0	1.200	0.37			
ELC10E821L		820.0	1.600	0.33			
<p>Connection Schematic</p> 	ELC10E102L	1000.0	±10	10	1.800	0.31	
	ELC10E122L	1200.0			2.000	0.29	
	ELC10E152L	1500.0			2.800	0.26	
	ELC10E182L	1800.0			3.200	0.23	
	ELC10E222L	2200.0			3.600	0.20	
	ELC10E272L	2700.0			5.200	0.18	
	ELC10E332L	3300.0			5.900	0.17	
	ELC10E392L	3900.0			6.500	0.16	
	ELC10E472L	4700.0			9.600	0.14	
	ELC10E562L	5600.0			10.800	0.12	
	ELC10E682L	6800.0			11.900	0.11	
	ELC10E822L	8200.0			13.200	0.10	

*Allowable DC Current:Smaller current value either when the inductance is -10 % or when the temperature has risen 45 degrees Celsius

Examples Type 12E□□□L

	Part No.	Inductance (μH)	Tolerance (%)	Test Freq. (kHz)	RDC.(Ω) [at 20°C] (Tol.±20 %)	*IDC. [at 20°C] (A)max.
<p>[Dimensions in mm] (not to scale)</p>  <p>Recommended PWB piercing plan</p>  <p>Connection Schematic</p> 	ELC12E4R7L	4.7	±25	10	0.014	4.40
	ELC12E5R6L	5.6			0.016	4.10
	ELC12E6R8L	6.8			0.018	3.90
	ELC12E8R2L	8.2	±20		0.020	3.70
	ELC12E100L	10.0			0.023	3.50
	ELC12E120L	12.0			0.024	3.30
	ELC12E150L	15.0	±10		0.028	3.20
	ELC12E180L	18.0			0.030	3.10
	ELC12E220L	22.0			0.033	2.80
	ELC12E270L	27.0	±10		0.037	2.50
	ELC12E330L	33.0			0.041	2.40
	ELC12E390L	39.0			0.044	2.20
	ELC12E470L	47.0	±10		0.048	2.00
	ELC12E560L	56.0			0.053	1.80
	ELC12E680L	68.0			0.073	1.70
	ELC12E820L	82.0	±10		0.098	1.40
	ELC12E101L	100.0			0.140	1.30
	ELC12E121L	120.0			0.160	1.20
	ELC12E151L	150.0	±10		0.180	1.10
	ELC12E181L	180.0			0.200	1.00
	ELC12E221L	220.0			0.220	0.91
	ELC12E271L	270.0	±10		0.320	0.83
	ELC12E331L	330.0			0.360	0.79
	ELC12E391L	390.0			0.400	0.70
	ELC12E471L	470.0	±10		0.440	0.64
	ELC12E561L	560.0			0.490	0.57
	ELC12E681L	680.0			0.610	0.52
	ELC12E821L	820.0	±10		0.760	0.47
	ELC12E102L	1000.0			1.100	0.43
	ELC12E122L	1200.0			1.200	0.40
	ELC12E152L	1500.0	±10		1.400	0.36
	ELC12E182L	1800.0			1.900	0.32
	ELC12E222L	2200.0			2.500	0.30
ELC12E272L	2700.0	±10	3.500	0.26		
ELC12E332L	3300.0		3.900	0.24		
ELC12E392L	3900.0		4.300	0.22		
ELC12E472L	4700.0	±10	6.000	0.20		
ELC12E562L	5600.0		6.600	0.17		
ELC12E682L	6800.0		9.900	0.15		
ELC12E822L	8200.0	±10	10.900	0.14		
ELC12E103L	10000.0		12.200	0.13		

*Allowable DC Current:Smaller current value either when the inductance is -10 % or when the temperature has risen 45 degrees Celsius

■ Examples Type 15E□□□

[Dimensions in mm] (not to scale)	Part No.	Inductance (μ H)	Tolerance (%)	Test Freq. (kHz)	RDC.(Ω)	*IDC.
					[at 20°C] (Tol.±20 %)	[at 20°C] (A)max.
<p>Recommended PWB piercing plan</p>	ELC15E100	10	±20	10	0.018	5.40
	ELC15E180	18			0.024	4.50
	ELC15E330	33	±10		0.032	4.00
	ELC15E560	56			0.039	3.60
	ELC15E101	100			0.053	3.00
	ELC15E181	180			0.100	2.30
	ELC15E331	330			0.170	1.60
	ELC15E561	560			0.280	1.20
	ELC15E102	1000			0.490	0.95
	ELC15E182	1800			0.870	0.75
	ELC15E332	3300			1.600	0.53
	ELC15E562	5600			2.600	0.39
	ELC15E103	10000	4.600		0.30	

*Allowable DC Current:Smaller current value either when the inductance is -10 % or when the temperature has risen 45 degrees Celsius

■ Examples Type 18E□□□

[Dimensions in mm] (not to scale)	Part No.	Inductance (μ H)	Tolerance (%)	Test Freq. (kHz)	RDC.(Ω)	*IDC.
					[at 20°C] (Tol.±20 %)	[at 20°C] (A)max.
<p>Recommended PWB piercing plan</p>	ELC18E100	10	±20	10	0.014	5.90
	ELC18E180	18			0.019	5.20
	ELC18E330	33	±10		0.026	4.60
	ELC18E560	56			0.031	3.80
	ELC18E101	100			0.044	3.00
	ELC18E181	180			0.067	2.50
	ELC18E331	330			0.110	1.90
	ELC18E561	560			0.170	1.40
	ELC18E102	1000			0.280	1.00
	ELC18E182	1800			0.570	0.80
	ELC18E332	3300			1.000	0.60
	ELC18E562	5600			1.600	0.46
	ELC18E103	10000	2.700		0.33	

*Allowable DC Current:Smaller current value either when the inductance is -10 % or when the temperature has risen 45 degrees Celsius