



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

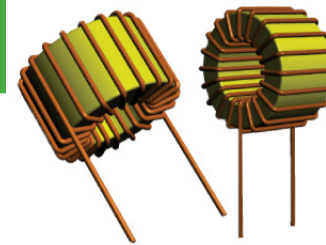
Email & Skype: info@chipsmall.com Web: www.chipsmall.com

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



# LOW EMI TOROIDAL INDUCTORS

## ATCA Series



 RoHS/RoHS II Compliant

### FEATURES

- Low EMI/RFI toroid topology
- High saturation current up to 10A
- High efficiency powdered iron core
- Wide operating temperature range -40°C to 105°C
- Vertical and horizontal orientations optimize EMI/RFI
- Compatible with low cost through-hole assembly

### APPLICATIONS

- High power switch-mode power supplies
- High power LED ballasts
- Power line filters
- High power audio filters
- Solar inverters
- White goods
- Motor drivers

### STANDARD SPECIFICATIONS

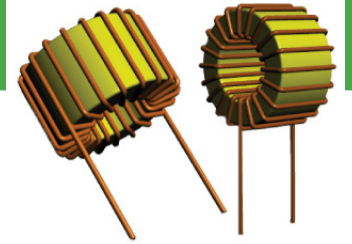
Part No. ATCA-01 Inductance Code	L( $\mu$ H)	Tolerance	DCR( $\Omega$ )	IDC(A)	Dimension (mm) E (dia.)
		(%)	(max)	(max)	(Nom)
ATCA-01-200M	20	M	0.021	3.0	0.70
ATCA-01-300M	30	M	0.035	2.0	0.60
ATCA-01-600M	60	M	0.038	3.0	0.70
ATCA-01-680M	68	M	0.101	1.0	0.45
ATCA-01-101M	100	M	0.081	2.0	0.60
ATCA-01-221M	220	M	0.190	1.0	0.45
Part No. ATCA-02 Inductance Code					
ATCA-02-220M	22	M	0.014	5.0	0.95
ATCA-02-290M	29	M	0.020	4.0	0.85
ATCA-02-350M	35	M	0.026	3.0	0.80
ATCA-02-580M	58	M	0.061	2.0	0.60
ATCA-02-900M	90	M	0.044	3.0	0.80
ATCA-02-111M	110	M	0.069	2.0	0.65
ATCA-02-131M	130	M	0.146	1.0	0.45
ATCA-02-471M	470	M	0.286	1.0	0.45
Part No. ATCA-03 Inductance Code					
ATCA-03-250M	25	M	0.016	5.0	1.00
ATCA-03-320M	32	M	0.021	4.0	0.90
ATCA-03-430M	43	M	0.030	3.0	0.80
ATCA-03-650M	65	M	0.055	2.0	0.65
ATCA-03-111M	110	M	0.042	4.0	0.85
ATCA-03-131M	130	M	0.055	3.0	0.80
ATCA-03-151M	150	M	0.159	1.0	0.45
ATCA-03-231M	230	M	0.108	2.0	0.65

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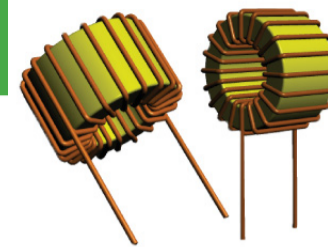
## STANDARD SPECIFICATIONS

Part No. ATCA-04 Inductance Code	L( $\mu$ H)	Tolerance	DCR( $\Omega$ )	IDC(A)	Dimension (mm) E (dia.)
		(%)	(max)	(max)	(Nom)
ATCA-04-500M	50	M	0.022	5.0	1.00
ATCA-04-600M	60	M	0.030	4.0	0.90
ATCA-04-750M	75	M	0.039	3.0	0.80
ATCA-04-820M	82	M	0.042	3.0	0.80
ATCA-04-101M	100	M	0.033	5.0	1.00
ATCA-04-151M	150	M	0.042	5.0	1.00
ATCA-04-221M	220	M	0.059	4.0	0.90
ATCA-04-271M	270	M	0.081	3.0	0.80
ATCA-04-321M	320	M	0.131	2.0	0.65
ATCA-04-431M	430	M	0.150	2.0	0.64
ATCA-04-961M	960	M	0.438	1.0	0.50
<b>Part No. ATCA-05 Inductance Code</b>					
ATCA-05-900M	90	M	0.034	5.0	1.00
ATCA-05-141M	140	M	0.064	3.0	0.80
ATCA-05-201M	200	M	0.114	2.0	0.65
ATCA-05-321M	320	M	0.068	5.0	1.00
ATCA-05-451M	450	M	0.174	2.0	0.65
ATCA-05-471M	470	M	0.354	1.0	0.45
ATCA-05-182M	1800	M	0.680	1.0	0.45
<b>Part No. ATCA-06 Inductance Code</b>					
ATCA-06-820M	82	M	0.033	5.0	1.00
ATCA-06-101M	100	M	0.042	4.0	1.01
ATCA-06-131M	130	M	0.061	3.0	0.85
ATCA-06-221M	220	M	0.121	2.0	0.70
ATCA-06-301M	300	M	0.064	5.0	1.00
ATCA-06-391M	390	M	0.088	4.0	0.90
ATCA-06-471M	470	M	0.342	1.0	0.50
ATCA-06-501M	500	M	0.124	3.0	0.80
ATCA-06-781M	780	M	0.225	2.0	0.70
ATCA-06-132M	1300	M	0.585	1.0	0.50

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ATCA series

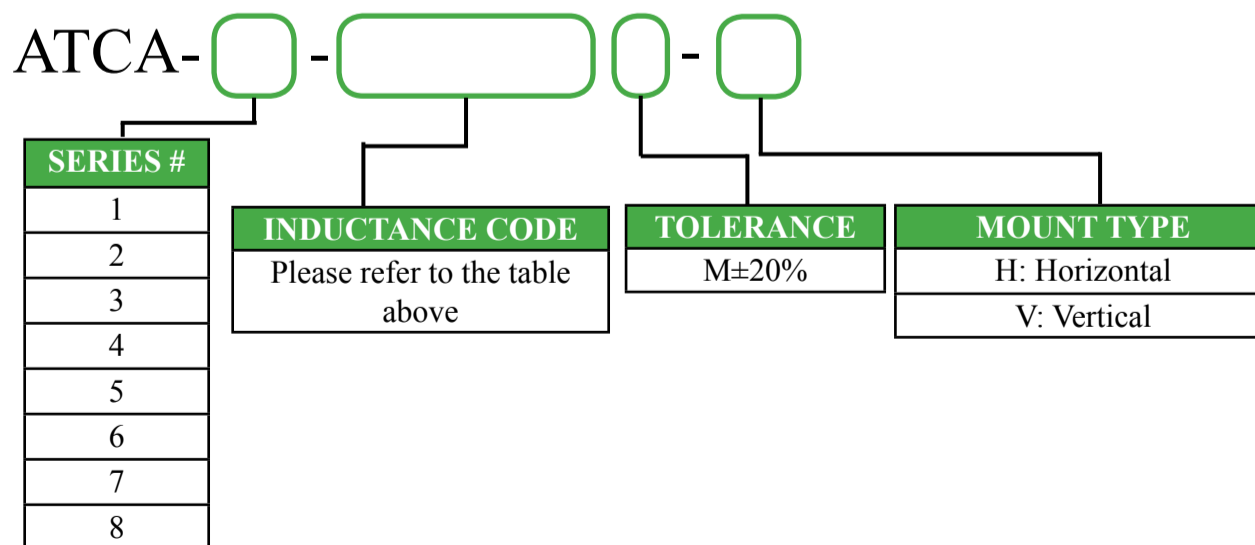


 RoHS/RoHS II Compliant

## STANDARD SPECIFICATIONS

Part No. ATCA-07 Inductance Code	L( $\mu$ H)	Tolerance	DCR( $\Omega$ )	IDC(A)	Dimension (mm) E (dia.)
		(%)	(max)	(max)	(Nom)
ATCA-07-300M	30	M	0.009	10.0	1.60
ATCA-07-350M	35	M	0.010	10.0	1.60
ATCA-07-560M	56	M	0.020	7.0	1.30
ATCA-07-680M	68	M	0.021	7.0	1.30
ATCA-07-820M	82	M	0.023	7.0	1.30
ATCA-07-101M	100	M	0.036	5.0	1.00
ATCA-07-151M	150	M	0.053	4.0	1.00
ATCA-07-201M	200	M	0.078	3.0	0.85
ATCA-07-301M	300	M	0.142	2.0	0.70
ATCA-07-851M	850	M	0.211	2.0	0.70
Part No. ATCA-08 Inductance Code					
ATCA-08-750M	75	M	0.014	10.0	1.60
ATCA-08-131M	130	M	0.031	7.0	1.30
ATCA-08-201M	200	M	0.056	5.0	1.00
ATCA-08-251M	250	M	0.027	10.0	1.60
ATCA-08-471M	470	M	0.064	7.0	1.30
ATCA-08-681M	680	M	0.105	5.0	1.00

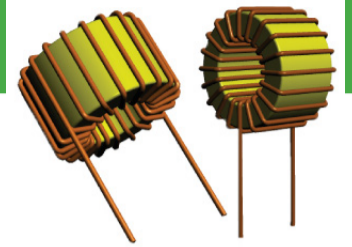
## PART IDENTIFICATION AND ORDERING INFORMATION



REVISED: 06/10/2016

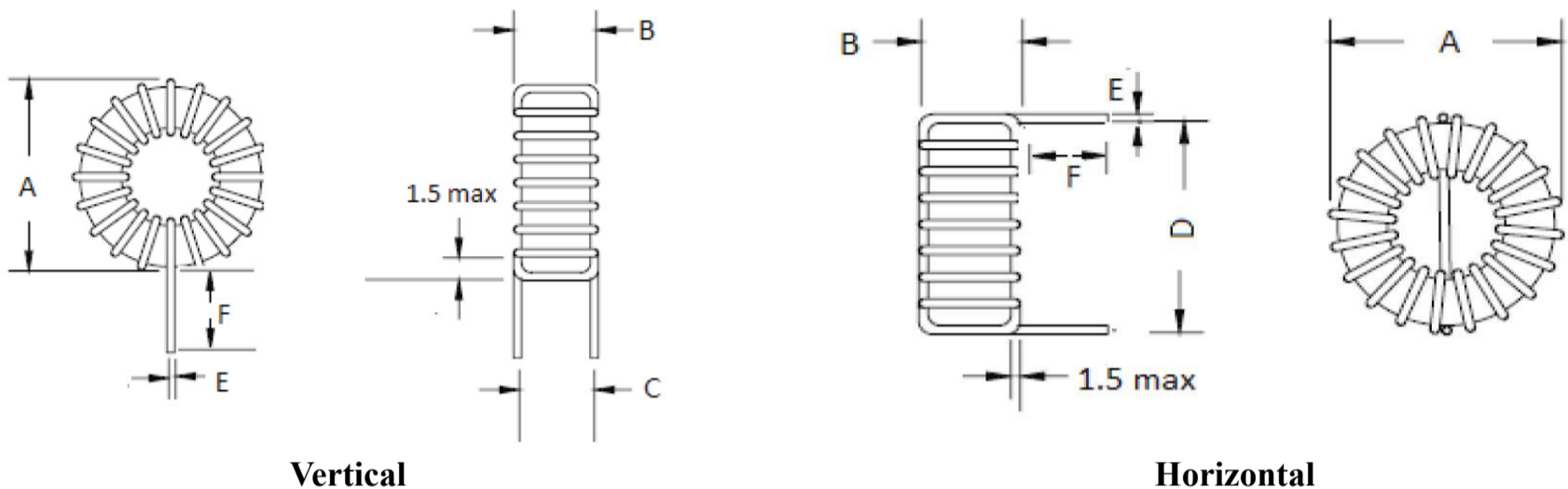
# LOW EMI TOROIDAL INDUCTORS

ATCA Series



 RoHS/RoHS II Compliant

## MECHANICAL DIMENSIONS (ALL DIMENSIONS ARE IN mm)



Series #	A	B	C	D	F
1	18.0 Max	11.5 Max	11.0 Max	17.5 Max	15.0 Max
2	22.0 Max	12.5 Max	12.0 Max	21.5 Max	15.0 Max
3	24.0 Max	11.5 Max	10.5 Max	23.0 Max	15.0 Max
4	27.0 Max	13.5 Max	12.5 Max	26.0 Max	15.0 Max
5	30.0 Max	17.0 Max	16.0 Max	29.0 Max	15.0 Max
6	32.0 Max	16.0 Max	15.0 Max	30.0 Max	15.0 Max
7	36.0 Max	19.5 Max	18.0 Max	34.5 Max	15.0 Max
8	42.5 Max	21.5 Max	20.0 Max	41.0 Max	15.0 Max

## PACKAGING INFORMATION

Series #	Packing #Pcs/Tray	Box Size (mm)
1	300pcs/tray	190 x 105 x 60
2	200pcs/tray	190 x 105 x 60
3	150pcs/tray	190 x 105 x 60
4	100pcs/tray	190 x 105 x 60
5	50pcs/tray	190 x 105 x 60
6	30pcs/tray	190 x 105 x 60
7	24pcs/tray	190 x 105 x 60
8	20pcs/tray	190 x 105 x 60

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