



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!



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Shielded Radial RF Choke

AISR-01

RoHS/RoHS II Compliant



10.5 x ϕ 10.5 mm

FEATURES:

- Current rating up to 90mA
- Wide inductance range from 1mH to 120mH
- Shielded Construction

APPLICATIONS:

- DC/DC converters
- Power supplies
- Desktop and notebooks
- Band pass filters and output chokes

ELECTRICAL SPECIFICATIONS:

Abracon P/N:	AISR-01
Operating Temperature	-25°C to +85°C
Storage Temperature	-25°C to +85°C

Part No. AISR-01- Inductance Code	L(mH)	Tolerance	Q	L/Q Test Freq.	SRF (MHz)	DCR(Ω)	I _{DC} (mA)
		(%)	(min)	(KHz)	(Min)	(max)	(max)
AISR-01-102	1.0	J	70	1/50	0.77	3.4	90
AISR-01-122	1.2	J	70	1/50	0.70	3.7	75
AISR-01-152	1.5	J	70	1/50	0.64	4.0	70
AISR-01-182	1.8	J	70	1/50	0.57	4.5	65
AISR-01-222	2.2	J	70	1/50	0.51	5.2	60
AISR-01-272	2.7	J	70	1/50	0.48	5.8	55
AISR-01-332	3.3	J	100	1/50	0.44	6.1	50
AISR-01-392	3.9	J	100	1/50	0.41	7.2	45
AISR-01-472	4.7	J	100	1/50	0.38	7.5	40
AISR-01-562	5.6	J	100	1/50	0.35	8.4	40
AISR-01-682	6.8	J	100	1/50	0.32	9.7	35
AISR-01-822	8.2	J	100	1/50	0.28	10.4	30
AISR-01-103	10	J	100	1/50	0.25	12.1	25
AISR-01-123	12	J	100	1/50	0.22	13.0	25
AISR-01-153	15	J	100	1/50	0.22	15.0	22
AISR-01-183	18	J	100	1/50	0.19	17.0	22
AISR-01-223	22	J	100	1/50	0.19	19.5	21
AISR-01-273	27	J	100	1/50	0.16	22.0	18
AISR-01-333	33	J	100	1/50	0.16	26.0	17
AISR-01-363	36	J	100	1/50	0.20	27.0	16
AISR-01-393	39	J	100	1/50	0.12	45.0	15
AISR-01-473	47	J	100	1/50	0.12	52.0	13
AISR-01-563	56	J	100	1/50	0.12	58.0	12
AISR-01-683	68	J	100	1/50	0.09	67.0	11
AISR-01-823	82	J	100	1/50	0.09	71.0	10
AISR-01-104	100	J	100	1/50	0.09	82.0	9
AISR-01-124	120	J	100	1/50	0.08	97.0	8

Test Conditions:

I_{DC}: The current when the inductance decreases to 90% of its initial value. (Ta=25°C)



Shielded Radial RF Choke

AISR-01

RoHS/RoHS II Compliant



10.5 x ϕ 10.5 mm

PART IDENTIFICATION:

AISR-01-

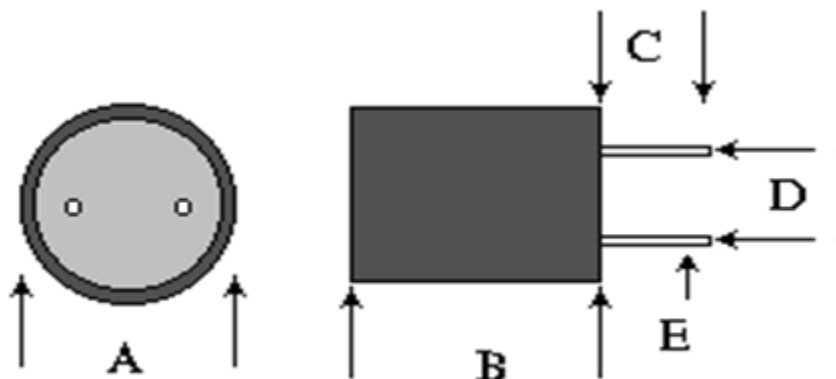
Inductance Code

Please refer to the table above

Tolerance

J: \pm 5%

OUTLINE DIMENSION:



A	10.5 Max
B	10.5 Max
C	5
D	5
E	0.7 Dia

Dimension: mm

Packing (Bulk: 400pcs / Tray)

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