



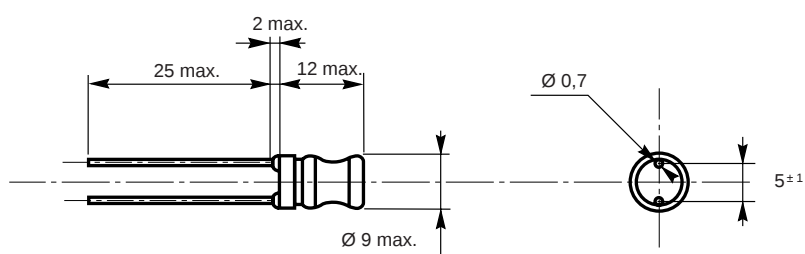
CH90

inductors

- axial leads
- commercial use



Use of a ferrite bobbin with radial terminal configuration allows a high inductance value in a small size. These inductors CH series are especially designed for power supplies filtering.



Dimensions in mm

SPECIFICATIONS

MECHANICAL

COATING... thermo sleeve
TERMINALS... tinned copper
WEIGHT... 3 g

ELECTRICAL

INDUCTANCE RANGE... 100 μ H to 100000 μ H
TOLERANCE... $\pm 10\%$
MAXIMUM VOLTAGE... 250 V RMS

ENVIRONMENTAL

OPERATING TEMPERATURE
RANGE... +70°C
TEMPERATURE LIMITS... -20°C +100°C

MARKING

Printed in clear : inductance value.

PACKAGING

Tape "ammopack" of 1000 pieces.

ORDERING PROCEDURE

SERIES	STYLE	INDUCTANCE VALUE	STANDARD TOLERANCE	PACKAGING
CH	90	4700 μ H	$\pm 10\%$	B

V : bulk
B : tape "ammopack"

CH90 INDUCTORS - STANDARD VALUES

Table 1

Inductance value μH $I_{dc} = 0$	Tolerance %	Q min.	Test frequency MHz	DCR max. Ω	SRF min. MHz	I max. mA
100	$\pm 10 \%$	45	0,796	0,85	4,30	343
120				0,95	4,10	324
150				1,05	3,70	309
180				1,15	3,30	295
220				1,30	2,30	275
270				1,50	2	260
330				1,70	1,95	240
390				1,85	1,85	230
470				2,30	1,57	210
560				2,55	1,50	200
680		↓	↓	2,85	1,40	190
820		45	0,796	3,10	1,32	180
1000		50	0,252	4,10	1,25	160
1200				4,70	1,20	150
1500				5,80	1	130
1800				7,40	0,90	115
2200				8,40	0,80	110
2700				9,60	0,70	95
3300				10,5	0,60	80
3900				12	0,55	70
4700				14	0,50	65
5600				16	0,45	60
6800			↓	18	0,42	55
8200			0,252	24,5	0,40	50
10000			0,0796	32	0,38	45
12000		↓		36	0,36	40
15000		50		38	0,30	35
18000		45		42	0,28	30
22000		45		50	0,26	28
27000		45		62	0,24	26
33000		45		74	0,22	24
39000		40		96	0,20	22
47000		35		102	0,18	20
56000		35		125	0,16	18
68000		35		188	0,14	16
82000	↓	30	↓	240	0,12	14
100000	$\pm 10\%$	30	0,0796	295	0,10	12



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