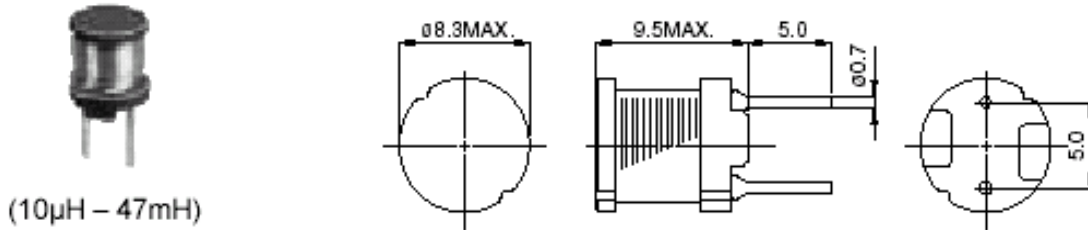


# RCH Series Power Inductors

RCH-895

## Dimensions(mm)



## Specifications

Parts No.	Inductance	DCR.(Max) Typical /Rated DC. Current (A)	Parts No.	Inductance	DCR.(Max) Typical /Rated DC. Current (A)
100	10 $\mu$ H	0.04(0.02)/2.60	821	820 $\mu$ H	1.57(1.29)/0.32
120	12 $\mu$ H	0.04(0.02)/2.60	102	1.0mH	1.84(1.45)/0.30
150	15 $\mu$ H	0.05(0.03)/2.10	122	1.2mH	2.10(1.64)/0.27
180	18 $\mu$ H	0.05(0.03)/2.00	152	1.5mH	2.80(2.35)/0.23
220	22 $\mu$ H	0.06(0.04)/1.70	182	1.8mH	3.21(2.58)/0.21
270	27 $\mu$ H	0.06(0.04)/1.60	222	2.2mH	4.21(3.23)/0.19
330	33 $\mu$ H	0.07(0.05)/1.40	272	2.7mH	4.94(4.07)/0.17
390	39 $\mu$ H	0.08(0.06)/1.40	332	3.3mH	6.16(5.34)/0.15
470	47 $\mu$ H	0.10(0.07)/1.30	392	3.9mH	6.84(5.92)/0.14
560	56 $\mu$ H	0.11(0.08)/1.20	472	4.7mH	7.89(7.00)/0.13
680	68 $\mu$ H	0.14(0.11)/1.10	562	5.6mH	11.5(9.26)/0.12
820	82 $\mu$ H	0.16(0.12)/1.00	682	6.8mH	13.2(10.7)/0.11
101	100 $\mu$ H	0.19(0.15)/0.90	822	8.2mH	15.2(12.2)/0.10
121	120 $\mu$ H	0.22(0.18)/0.82	103	10mH	22.0(17.2)/89m
151	150 $\mu$ H	0.27(0.23)/0.74	123	12mH	25.0(19.7)/73m
181	180 $\mu$ H	0.31(0.27)/0.71	153	15mH	29.1(23.6)/68m
221	220 $\mu$ H	0.38(0.31)/0.64	183	18mH	38.9(33.4)/66m
271	270 $\mu$ H	0.53(0.43)/0.57	223	22mH	44.9(37.9)/59m
331	330 $\mu$ H	0.61(0.50)/0.51	273	27mH	55.7(48.0)/52m
391	390 $\mu$ H	0.69(0.56)/0.48	333	33mH	64.2(55.8)/48m
471	470 $\mu$ H	0.89(0.72)/0.43	393	39mH	74.2(58.7)/42m
561	560 $\mu$ H	1.01(0.85)/0.40	473	47mH	96.4(81.7)/38m
681	680 $\mu$ H	1.18(0.97)/0.35			

Tolerance of Inductance: 10 $\mu$ H-12 $\mu$ H  $\pm$ 20% (M); 15 $\mu$ H-47mH  $\pm$ 10% (K)

Test Frequency:L 10 $\mu$ H-82 $\mu$ H (2.52MHz); 100 $\mu$ H-47mH (1KHz).

This indicates the value of the current when the inductance is 10%lower than it's initial value at D.C. superimposition or D.C. current when at t=40 $^{\circ}$ C,whitchever is lower.(Ta=20 $^{\circ}$ C)