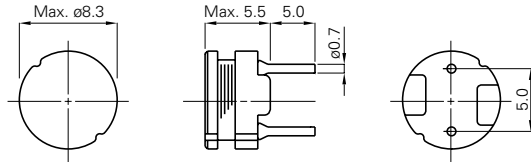
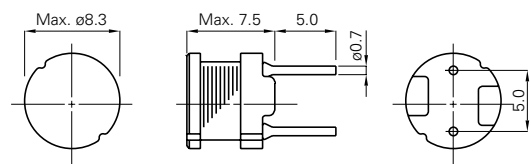
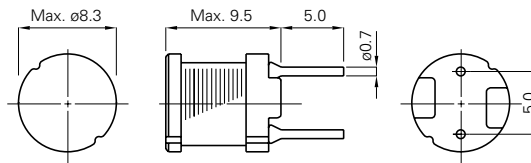
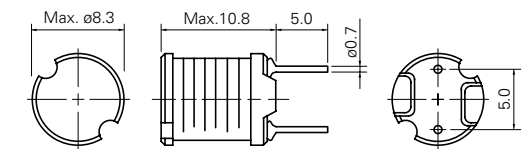
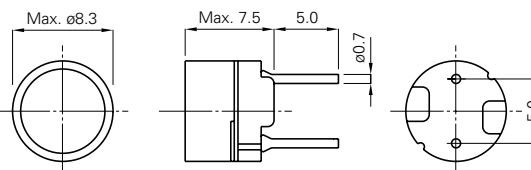


ø8 series
RCH-855
DIMENSIONS (mm)
CONSTRUCTION

RCH-875
DIMENSIONS (mm)
CONSTRUCTION

RCH-895
DIMENSIONS (mm)
CONSTRUCTION

RCH8011
DIMENSIONS (mm)
CONSTRUCTION

RCR-875D
DIMENSIONS (mm)
CONSTRUCTION


TYPE : RCH-855, RCH-875, RCH-895, RCH8011, RCR-875D

Parts No.	L (H)	RCH-855			RCH-875			RCH-895			RCH8011			RCR-875D	
		D.C.R.(Ω) : Max.	Saturation Rated Current (A) *A	Temperature Rise Rated Current (A) *B	D.C.R.(Ω) : Max.	Saturation Rated Current (A) *A	Temperature Rise Rated Current (A) *B	D.C.R.(Ω) : Max.	Saturation Rated Current (A) *A	Temperature Rise Rated Current (A) *B	D.C.R.(Ω) : Max.(Typ.)	Saturation Rated Current (A) *A	Temperature Rise Current (A) *C	D.C.R.(Ω) : Max.	Rated Current (A) *1
1R2	1.2μ													18m	4.14
1R7	1.7μ													22m	3.75
2R2	2.2μ				13.7m	5.80	3.00								
2R3	2.3μ													25m	3.45
2R5	2.5μ	23m	4.50	3.10				13.7m	5.00	3.20					
2R8	2.8μ				15.3m	5.00	2.90								
3R0	3.0μ													28m	3.25
3R2	3.2μ							15.3m	4.50	2.90					
3R3	3.3μ	26m	4.00	2.70											
3R5	3.5μ				17.2m	4.70	2.80								
3R8	3.8μ							16.4m	4.10	2.70					
3R9	3.9μ													31m	3.08
4R1	4.1μ	31m	3.60	2.50											
4R4	4.4μ				19.1m	4.50	2.70								
4R6	4.6μ							18.5m	3.70	2.50					
4R7	4.7μ													35m	2.94
5R0	5.0μ	34m	3.40	2.40											
5R1	5.1μ				21.2m	4.20	2.60								
5R5	5.5μ							20.2m	3.40	2.40					
5R6	5.6μ													39m	2.82
5R9	5.9μ	39m	3.20	2.20											
6R0	6.0μ				22.2m	4.00	2.50								
6R5	6.5μ							20.8m	3.20	2.30					
6R8	6.8μ	42m	2.90	2.10											
7R0	7.0μ													43m	2.68
7R1	7.1μ				24.2m	3.40	2.30								
7R7	7.7μ							22.4m	2.90	2.20					
8R2	8.2μ	45m	2.70	1.90	26.5m	3.10	2.20							47m	2.55
9R2	9.2μ							24.1m	2.70	2.10					
100	10μ	70m	2.50	1.30	50m	2.90	2.10	40m	2.60	2.00	35m(28m)	4.40	4.10	50m	2.40
120	12μ	80m	2.40	1.10	60m	2.50	1.80	40m	2.60	1.90	40m(32m)	4.00	3.95	54m	2.25
150	15μ	90m	2.10	950m	70m	2.20	1.40	50m	2.10	1.80	47m(38m)	3.60	3.75	62m	1.95
180	18μ	100m	2.00	900m	80m	1.90	1.30	50m	2.00	1.60	53m(42m)	3.30	3.60	71m	1.78
220	22μ	120m	1.70	770m	90m	1.80	1.20	60m	1.70	1.40	56m(45m)	2.80	3.05	80m	1.60
270	27μ	140m	1.60	720m	110m	1.70	1.00	60m	1.60	1.30	65m(52m)	2.60	2.80	100m	1.40
330	33μ	170m	1.40	670m	130m	1.50	1.00	70m	1.40	1.10	75m(60m)	2.40	2.70	140m	1.30
390	39μ	210m	1.30	590m	140m	1.30	950m	80m	1.40	1.10	84m(67m)	2.20	2.55	150m	1.20
470	47μ	240m	1.20	570m	150m	1.30	900m	100m	1.30	990m	110m(88m)	2.00	2.15	170m	1.10
560	56μ	310m	1.10	500m	180m	1.20	730m	110m	1.20	900m	123m(98m)	1.85	2.00	190m	990m
680	68μ	340m	1.00	470m	200m	1.10	680m	140m	1.10	810m	138m(111m)	1.70	1.90	210m	890m
820	82μ	400m	930m	430m	240m	1.00	630m	160m	1.00	760m	190m(154m)	1.60	1.55	270m	810m
101	100μ	520m	810m	370m	350m	890m	590m	190m	900m	720m	215m(172m)	1.50	1.50	320m	740m
121	120μ	590m	760m	360m	360m	810m	500m	220m	820m	670m	275m(222m)	1.20	1.30	360m	670m
151	150μ	710m	670m	320m	420m	720m	460m	270m	740m	610m	310m(250m)	1.10	1.20	510m	600m
181	180μ	890m	620m	300m	570m	660m	410m	310m	710m	540m	360m(288m)	1.00	1.10	570m	550m
221	220μ	1.04	540m	280m	630m	570m	380m	380m	640m	500m	440m(354m)	950m	1.05	760m	500m
271	270μ	1.28	490m	250m	880m	510m	320m	530m	570m	410m	590m(472m)	900m	900m	860m	450m
331	330μ	1.47	440m	230m	1.05	460m	300m	610m	510m	390m	640m(512m)	800m	820m	970m	410m
391	390μ	1.67	410m	220m	1.17	440m	290m	690m	480m	370m	710m(570m)	700m	780m	1.28	370m
471	470μ	1.95	380m	200m	1.34	410m	280m	890m	430m	320m	900m(720m)	650m	700m	1.44	340m
561	560μ	2.83	350m	160m	1.72	360m	230m	1.01	400m	300m	1.13(903m)	600m	640m	1.61	310m
681	680μ	3.25	320m	150m	1.96	330m	220m	1.18	350m	270m	1.28(1.025)	560m	540m	2.07	280m
821	820μ	3.82	310m	140m	2.56	300m	190m	1.57	320m	240m	1.66(1.329)	520m	500m	2.33	260m
102	1.0m	5.28	250m	120m	2.94	270m	180m	1.84	300m	220m	1.92(1.532)	490m	470m	2.72	230m
122	1.2m	6.03	230m	110m	4.04	240m	160m	2.10	270m	210m				3.98	210m
152	1.5m	7.15	210m	99m	4.70	220m	150m	2.80	230m	180m				4.50	190m
182	1.8m	8.26	200m	90m	5.05	200m	140m	3.21	210m	170m				6.81	170m
222	2.2m	11.1	180m	81m	6.25	180m	130m	4.21	190m	150m				7.56	160m
272	2.7m	13.1	160m	77m	8.72	160m	100m	4.94	170m	140m				8.54	140m
332	3.3m	15.9	140m	68m	10.6	150m	95m	6.16	150m	120m				9.74	130m
392	3.9m	18.0	130m	65m	14.2	140m	81m	6.84	140m	110m				12.9	120m
472	4.7m	23.9	120m	56m	16.7	120m	74m	7.89	130m	100m				14.7	110m
562	5.6m	26.8	110m	53m	18.7	110m	69m	11.5	120m	86m				20.4	99m
682	6.8m	31.7	98m	49m	21.8	100m	67m	13.2	110m	80m				23.0	89m
822	8.2m	46.5	88m	40m	28.7	93m	63m	15.3	100m	75m				30.6	81m
103	10m	55.7	81m	37m	33.0	84m	54m	22.0	89m	62m				35.0	74m
123	12m							25.0	73m	59m					
153	15m							29.1	68m	57m					
183	18m							38.9	66m	48m					
223	22m							44.9	59m	42m					
273	27m							55.7	52m	39m					
333	33m							64.2	48m	37m					
393	39m							74.2	42m	35m					
473	47m							96.4	38m	31m					

Measuring Freq. (L)

RCH-855 2.5μH - 8.2μH (7.96MHz), 10μH - 82μH (2.52MHz), 100μH - 10mH (1kHz)
 RCH-875 2.2μH - 8.2μH (7.96MHz), 10μH - 82μH (2.52MHz), 100μH - 10mH (1kHz)
 RCH-895 2.5μH - 9.2μH (7.96MHz), 10μH - 82μH (2.52MHz), 100μH - 47mH (1kHz)
 RCH8011 100kHz
 RCR-875D 1.2μH - 82μH (2.52MHz), 100μH - 10mH (1kHz)

Tolerance of Inductance

RCH-855 2.5μH - 18μH ± 20% (M), 22μH - 10mH ± 10% (K)
 RCH-875 2.2μH - 12μH ± 20% (M), 15μH - 10mH ± 10% (K)
 RCH-895 2.5μH - 12μH ± 20% (M), 15μH - 47mH ± 10% (K)
 RCH8011 10μH - 1.0mH ± 15% (L)
 RCR-875D 1.2μH - 47μH ± 15% (L), 56μH - 10mH ± 10% (K)

Rated Current

*1 It is either the inductance is 10% lower than its initial value in D.C. saturation characteristics or temperature raise becomes ΔT=40°C (Ta=20°C), whichever is lower.

Other

*A Saturation Rated Current : The current when the inductance becomes 10% lower than its initial value. (Ta=20°C)
 *B Temperature Rise Rated Current : The current when temperature of coil increases up to Max.ΔT=20°C. (Ta=20°C)
 *C Temperature Rise Current : The actual current when temperature of coil becomes ΔT=40°C. (Ta=20°C)

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 e.g. Ordering code of lead product : Type name-ΔΔΔ○×
 Ordering code of lead-free product : Type name NP ΔΔΔ○×

Ordering Code

RCH-855 - ΔΔΔ○×

Δ : Parts No. ○ : Tolerance of inductance × : Packing
 K (10%)
 L (15%)
 M (20%)
 B (Box)