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ISO-9002 Certified
Manufactured by Chilisin, an associated company of Yageo

CHOKE COILS
AL TYPE

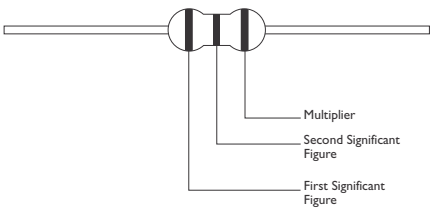
AL TYPE Series

PRODUCT IDENTIFICATION

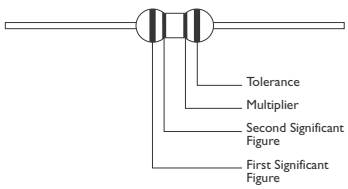
AL0410 Δ R22 □ - S - ∇

- Ammunition Pack (A:26.5, B:52.4)
- YAGEO Standard
- Tolerance (J:±5%, K:± 10%, M:± 20%)
- Inductance
- S : Bulk — ST : Tapping Pack
  B : Bended Legs — A : AVI Type
  AT : AVI Tapping Type
  PT: PANA Tapping Type
- Product Symbol
  (AL0204, AL0307, AL0410, AL0510)

COLOR CODE AL0204 SERIES



COLOR CODE AL0307/AL0410/ AL0510 SERIES



FEATURES

- Design to be Compact, Small and Light-Weight
- Wide Range of Inductance
- Contribute to be High Q and Self-Resonant Frequencies
- Tapping type that is convenient for automatic insertion.
- Coating Epoxy Resin That Ensure The Humidity Resistance to be Long Life

APPLICATIONS

For VCRs, Color TVs, CRTs, Stereo Car Radios and Radio Transceivers, Telephone Answering, Disk Drivers, Personal Computers and Industrial Electronics Products, etc.

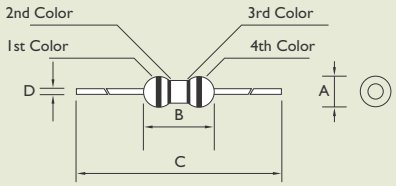
TEST INSTRUMENTS

- L.Q : HP 4285 + HP 42851A
- SRF : HP 4287A
- RDC : CHEN HWA502BC
- IDC : CHEN HWA CH1061+301A

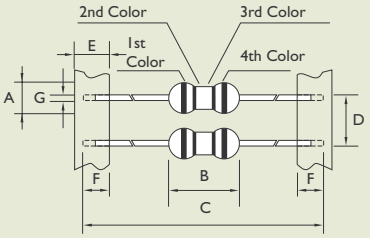
THE NOMINAL INDUCTANCE IS MARKED BY A COLOR CODE AS LISTED IN TABLE BELO

COLOR	NOMINAL INDUCTANCE (μH)			
	FIRST FIGURE	SECOND FIGURE	MAGNIFICATION	TOLERANCE
Black	0		1	±20%
Brown	1		10	–
Red	2		100	–
Orange	3		1000	–
Yellow	4		–	–
Green	5		–	–
Blue	6		–	–
Purple	7		–	–
Gray	8		–	–
White	9		–	–
Gold	–		0.1	±5%
Silver	–		0.01	±10%

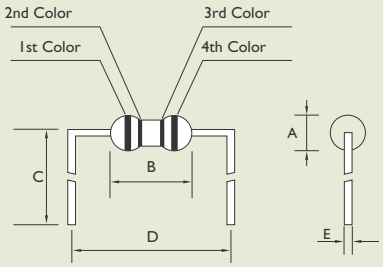
Dimensions : mm



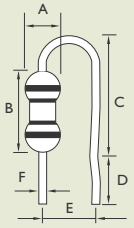
	AL0204 S	AL0307 S	AL0410 S	AL0510 S
A	2.3^{+0}	3^{+0}	4^{+0}	4.5^{+0}
B	4^{+0}	7^{+0}	10.5^{+0}	10.5^{+0}
C	62±3	62±3	62±3	62±3
D	0.5ø	0.5ø	0.65ø	0.65ø



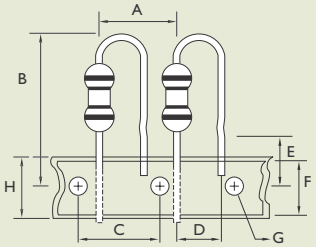
	AL0204 ST	AL0307 ST	AL0410 ST	AL0510ST
A	2.3^{+0}	3^{+0}	4^{+0}	4.5^{+0}
B	4^{+0}	7^{+0}	10.5^{+0}	10.5^{+0}
C	52.4±1.5	52.4±1.5	52.4±1.5	52.4±1.5
D	5±0.5	5±0.5	5±0.5	5±0.5
E	6±1	6±1	6±1	6±1
F	3.2^{-0}	3.2^{-0}	3.2^{-0}	3.2^{-0}
G	0.5ø	0.5ø	0.65ø	0.65ø



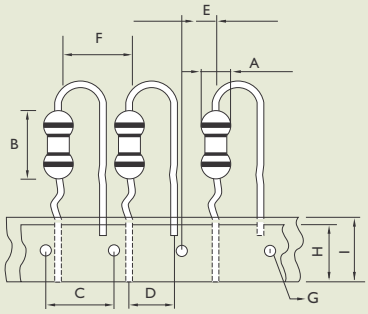
	AL0204 B	AL0307 B	AL0410 B	AL0510 B
A	2.3^{+0}	3^{+0}	4^{+0}	4.5^{+0}
B	4^{+0}	7^{+0}	10.5^{+0}	10.5^{+0}
C	6±1	6±1	6±1	6±1
D	10±1	10±1	12.5±1	12.5±1
E	0.5ø	0.5ø	0.65ø	0.65ø



	AL0204 A	AL0307 A	AL0410 A	AL0510 A
A	2.3^{+0}	3^{+0}	4^{+0}	4.5^{+0}
B	4^{+0}	7^{+0}	10.5^{+0}	10.5^{+0}
C	14^{+0}	14^{+0}	14^{+0}	14^{+0}
D	6±1	6±1	6±1	6±1
E	5±1.5	5±1.5	5±1.5	5±1.5
F	0.5ø	0.5ø	0.65ø	0.65ø



	AL0204 AT	AL0307 AT	AL0410 AT	AL0510 AT
A	12.7±1	12.7±1	12.7±1	12.7±1
B	32^{+0}	32^{+0}	32^{+0}	32^{+0}
C	12.7±0.3	12.7±0.3	12.7±0.3	12.7±0.3
D	$5^{+0.8}$	$5^{+0.8}$	$5^{+0.8}$	$5^{+0.8}$
E	16±1	16±1	16±1	16±1
F	12.5^{-0}	12.5^{-0}	12.5^{-0}	12.5^{-0}
G	4±0.3	4±0.3	4±0.3	4±0.3
H	17.5~19	17.5~19	17.5~19	17.5~19



	AL0204 PT	AL0307 PT	AL0410 PT	AL0510 PT
A	2.3^{+0}	3^{+0}	4^{+0}	4.5^{+0}
B	4^{+0}	7^{+0}	10.5^{+0}	10.5^{+0}
C	12.7±0.3	12.7±0.3	12.7±0.3	12.7±0.3
D	$5^{+0.8}_{-0.2}$	$5^{+0.8}_{-0.2}$	$5^{+0.8}_{-0.2}$	$5^{+0.8}_{-0.2}$
E	5.85±1.0	5.85±1.0	5.85±1.0	5.85±1.0
F	12.7±1.0	12.7±1.0	12.7±1.0	12.7±1.0
G	4±0.3	4±0.3	4±0.3	4±0.3
H	13^{-0}	13^{-0}	13^{-0}	13^{-0}
I	16±1	16±1	16±1	16±1

ELECTRICAL PARAMETERS AL0204 SERIES

ITEM	INDUCTANCE L (μH)	TEST FREQ. (MHz)	STANDARD SPEC. Q Min.	S.R.F. Min. (MHz)	D.C. RESISTANCE Max. (Ω)	IDC (mA)
AL0204 Δ R22 ☐ -S-∇	0.22	25.2	35	150	0.40	400
AL0204 Δ R27 ☐ -S-∇	0.27	25.2	35	150	0.43	380
AL0204 Δ R33 ☐ -S-∇	0.33	25.2	35	150	0.48	370
AL0204 Δ R39 ☐ -S-∇	0.39	25.2	35	150	0.51	350
AL0204 Δ R47 ☐ -S-∇	0.47	25.2	35	150	0.56	330
AL0204 Δ R56 ☐ -S-∇	0.56	25.2	35	150	0.61	320
AL0204 Δ R68 ☐ -S-∇	0.68	25.2	35	150	0.67	310
AL0204 Δ R82 ☐ -S-∇	0.82	25.2	35	150	0.74	290
AL0204 Δ 1R0 ☐ -S-∇	1.00	25.2	35	120	0.80	270
AL0204 Δ 1R2 ☐ -S-∇	1.20	7.96	40	110	0.90	260
AL0204 Δ 1R5 ☐ -S-∇	1.50	7.96	40	80	1.0	250
AL0204 Δ 1R8 ☐ -S-∇	1.80	7.96	40	60	1.1	240
AL0204 Δ 2R2 ☐ -S-∇	2.20	7.96	40	45	1.2	230
AL0204 Δ 2R7 ☐ -S-∇	2.70	7.96	40	40	1.3	220
AL0204 Δ 3R3 ☐ -S-∇	3.30	7.96	40	38	1.4	210
AL0204 Δ 3R9 ☐ -S-∇	3.90	7.96	40	35	1.6	200
AL0204 Δ 4R7 ☐ -S-∇	4.70	7.96	40	32	1.7	190
AL0204 Δ 5R6 ☐ -S-∇	5.60	7.96	40	30	1.9	180
AL0204 Δ 6R8 ☐ -S-∇	6.80	7.96	40	28	2.0	175
AL0204 Δ 8R2 ☐ -S-∇	8.20	7.96	40	26	2.2	165
AL0204 Δ 100 ☐ -S-∇	10	7.96	40	24	2.5	160
AL0204 Δ 120 ☐ -S-∇	12	2.52	40	22	2.5	150
AL0204 Δ 150 ☐ -S-∇	15	2.52	40	20	2.8	145
AL0204 Δ 180 ☐ -S-∇	18	2.52	40	18	3.1	140
AL0204 Δ 220 ☐ -S-∇	22	2.52	40	17	3.4	130
AL0204 Δ 270 ☐ -S-∇	27	2.52	40	16	4.3	80
AL0204 Δ 330 ☐ -S-∇	33	2.52	40	14	4.7	76
AL0204 Δ 390 ☐ -S-∇	39	2.52	40	13	5.2	74
AL0204 Δ 470 ☐ -S-∇	47	2.52	40	12	5.8	70
AL0204 Δ 560 ☐ -S-∇	56	2.52	40	11	6.4	68
AL0204 Δ 680 ☐ -S-∇	68	2.52	40	10	7.2	64
AL0204 Δ 820 ☐ -S-∇	82	2.52	40	9.5	11	46
AL0204 Δ 101 ☐ -S-∇	100	0.796	40	9.0	12	44
AL0204 Δ 121 ☐ -S-∇	120	0.796	40	8.0	13	42
AL0204 Δ 151 ☐ -S-∇	150	0.796	40	6.0	16	39
AL0204 Δ 181 ☐ -S-∇	180	0.796	40	5.5	18	37
AL0204 Δ 221 ☐ -S-∇	220	0.796	40	5.0	20	35

Δ : S : Bulk ST : Tapping Pack B : Bended Legs A : AVI Type AT : AVI Tapping Type PT : PANA Tapping Type

☐ : Tolerance (J : ±5% K : ±10% M : ±20%)

∇ : Ammunition Pack (A : 26.5 B : 52.4)

ELECTRICAL PARAMETERS AL0307 SERIES

ITEM	INDUCTANCE L (μH)	TEST FREQ. (MHz)	STANDARD SPEC. Q Min.	S.R.F. Min. (MHz)	D.C. RESISTANCE Max. (Ω)	IDC (mA)
AL0307 Δ R22 ☐ -S-∇	0.22	25.2	45	150	0.20	400
AL0307 Δ R27 ☐ -S-∇	0.27	25.2	45	150	0.22	380
AL0307 Δ R33 ☐ -S-∇	0.33	25.2	45	150	0.24	370
AL0307 Δ R39 ☐ -S-∇	0.39	25.2	50	150	0.26	350
AL0307 Δ R47 ☐ -S-∇	0.47	25.2	45	150	0.28	330
AL0307 Δ R56 ☐ -S-∇	0.56	25.2	50	150	0.31	320
AL0307 Δ R68 ☐ -S-∇	0.68	25.2	50	150	0.34	310
AL0307 Δ R82 ☐ -S-∇	0.82	25.2	55	150	0.37	290
AL0307 Δ 1R0 ☐ -S-∇	1.00	25.2	60	150	0.40	270
AL0307 Δ 1R2 ☐ -S-∇	1.20	7.96	40	165	0.18	740
AL0307 Δ 1R5 ☐ -S-∇	1.50	7.96	45	150	0.20	700
AL0307 Δ 1R8 ☐ -S-∇	1.80	7.96	50	125	0.23	655
AL0307 Δ 2R2 ☐ -S-∇	2.20	7.96	50	110	0.25	630
AL0307 Δ 2R7 ☐ -S-∇	2.70	7.96	50	95	0.28	595
AL0307 Δ 3R3 ☐ -S-∇	3.30	7.96	50	70	0.30	575
AL0307 Δ 3R9 ☐ -S-∇	3.90	7.96	45	65	0.32	555
AL0307 Δ 4R7 ☐ -S-∇	4.70	7.96	45	50	0.35	530
AL0307 Δ 5R6 ☐ -S-∇	5.60	7.96	45	40	0.40	500
AL0307 Δ 6R8 ☐ -S-∇	6.80	7.96	40	30	0.45	470
AL0307 Δ 8R2 ☐ -S-∇	8.20	7.96	40	28	0.55	425
AL0307 Δ 100 ☐ -S-∇	10	7.96	40	22	0.72	370
AL0307 Δ 120 ☐ -S-∇	12	2.52	45	20	0.80	350
AL0307 Δ 150 ☐ -S-∇	15	2.52	50	16	0.88	335
AL0307 Δ 180 ☐ -S-∇	18	2.52	50	15	1.00	315
AL0307 Δ 220 ☐ -S-∇	22	2.52	50	13	1.20	285
AL0307 Δ 270 ☐ -S-∇	27	2.52	50	11	1.35	270
AL0307 Δ 330 ☐ -S-∇	33	2.52	50	10	1.50	255
AL0307 Δ 390 ☐ -S-∇	39	2.52	50	9.5	1.70	240
AL0307 Δ 470 ☐ -S-∇	47	2.52	60	8.5	2.30	205
AL0307 Δ 560 ☐ -S-∇	56	2.52	60	7.5	2.60	195
AL0307 Δ 680 ☐ -S-∇	68	2.52	60	6.5	2.90	185
AL0307 Δ 820 ☐ -S-∇	82	2.52	60	6.0	3.20	175
AL0307 Δ 101 ☐ -S-∇	100	0.796	60	5.5	3.50	165
AL0307 Δ 121 ☐ -S-∇	120	0.796	60	5.4	3.80	160
AL0307 Δ 151 ☐ -S-∇	150	0.796	60	4.75	4.40	150
AL0307 Δ 181 ☐ -S-∇	180	0.796	60	4.35	5.00	140
AL0307 Δ 221 ☐ -S-∇	220	0.796	60	4.00	5.70	130
AL0307 Δ 271 ☐ -S-∇	270	0.796	60	3.70	6.50	120
AL0307 Δ 331 ☐ -S-∇	330	0.796	60	3.40	9.50	100
AL0307 Δ 391 ☐ -S-∇	390	0.796	60	2.80	10.50	95
AL0307 Δ 471 ☐ -S-∇	470	0.796	60	2.55	11.60	90
AL0307 Δ 561 ☐ -S-∇	560	0.796	60	2.35	13.00	85
AL0307 Δ 681 ☐ -S-∇	680	0.796	60	2.00	18.00	75
AL0307 Δ 821 ☐ -S-∇	820	0.796	60	1.50	23.00	65
AL0307 Δ 102 ☐ -S-∇	1000	0.796	60	1.20	26.00	60

Δ : S : Bulk ST : Tapping Pack B : Bended Legs A : AVI Type AT : AVI Tapping Type PT : PANA Tapping Type

☐ : Tolerance (J : ±5% K : ±10% M : ±20%) ∇ : Ammunition Pack (A : 26.5 B : 52.4)

ELECTRICAL PARAMETERS AL0410 SERIES

ITEM	INDUCTANCE L (μH)	TEST FREQ. (MHz)	STANDARD SPEC. Q Min.	S.R.F. Min. (MHz)	D.C. RESISTANCE Max. (Ω)	IDC (mA)
AL0410 Δ R22 □ -S-∇	0.22	25.2	50	300	0.12	1400
AL0410 Δ R27 □ -S-∇	0.27	25.2	50	260	0.13	1320
AL0410 Δ R33 □ -S-∇	0.33	25.2	55	250	0.14	1280
AL0410 Δ R39 □ -S-∇	0.39	25.2	55	230	0.15	1200
AL0410 Δ R47 □ -S-∇	0.47	25.2	50	220	0.17	1150
AL0410 Δ R56 □ -S-∇	0.56	25.2	50	200	0.18	1100
AL0410 Δ R68 □ -S-∇	0.68	25.2	55	190	0.20	1030
AL0410 Δ R82 □ -S-∇	0.82	25.2	55	172	0.21	980
AL0410 Δ 1R0 □ -S-∇	1.00	25.2	45	157	0.21	920
AL0410 Δ 1R2 □ -S-∇	1.20	7.96	50	144	0.22	880
AL0410 Δ 1R5 □ -S-∇	1.50	7.96	50	131	0.23	830
AL0410 Δ 1R8 □ -S-∇	1.80	7.96	55	121	0.28	790
AL0410 Δ 2R2 □ -S-∇	2.20	7.96	55	110	0.28	750
AL0410 Δ 2R7 □ -S-∇	2.70	7.96	60	100	0.30	720
AL0410 Δ 3R3 □ -S-∇	3.30	7.96	65	94	0.34	670
AL0410 Δ 3R9 □ -S-∇	3.90	7.96	65	65	0.37	640
AL0410 Δ 4R7 □ -S-∇	4.70	7.96	70	56	0.39	620
AL0410 Δ 5R6 □ -S-∇	5.60	7.96	70	50	0.43	590
AL0410 Δ 6R8 □ -S-∇	6.80	7.96	75	40	0.49	550
AL0410 Δ 8R2 □ -S-∇	8.20	7.96	80	35	0.55	530
AL0410 Δ 100 □ -S-∇	10	7.96	65	30	0.63	500
AL0410 Δ 120 □ -S-∇	12	2.52	55	25	0.65	480
AL0410 Δ 150 □ -S-∇	15	2.52	55	20	0.81	460
AL0410 Δ 180 □ -S-∇	18	2.52	50	14	0.82	430
AL0410 Δ 220 □ -S-∇	22	2.52	50	9	0.95	410
AL0410 Δ 270 □ -S-∇	27	2.52	45	7	1.05	390
AL0410 Δ 330 □ -S-∇	33	2.52	45	6	1.05	370
AL0410 Δ 390 □ -S-∇	39	2.52	45	6	1.10	350
AL0410 Δ 470 □ -S-∇	47	2.52	40	6	1.31	340
AL0410 Δ 560 □ -S-∇	56	2.52	40	5.5	1.38	320
AL0410 Δ 680 □ -S-∇	68	2.52	40	5.0	1.62	305
AL0410 Δ 820 □ -S-∇	82	2.52	35	5.0	1.71	290
AL0410 Δ 101 □ -S-∇	100	2.52	30	4.5	2.10	275
AL0410 Δ 121 □ -S-∇	120	0.796	55	3.5	3.10	185
AL0410 Δ 151 □ -S-∇	150	0.796	55	3.0	3.45	175
AL0410 Δ 181 □ -S-∇	180	0.796	55	2.8	4.10	165
AL0410 Δ 221 □ -S-∇	220	0.796	60	2.5	4.54	155
AL0410 Δ 271 □ -S-∇	270	0.796	65	2.3	5.15	145
AL0410 Δ 331 □ -S-∇	330	0.796	60	2.0	6.40	137
AL0410 Δ 391 □ -S-∇	390	0.796	65	2.0	7.15	133

Δ : S : Bulk ST : Tapping ack B : Bended Le gs A : AVI Type AT : AVI Tapping Type PT : PANA Tappin Type

□ : Tolerance (K : ± 10% M : 20%) ∇ : Ammunition Pack (A : 26.5 B : 52.)

ELECTRICAL PARAMETERS AL0510 SERIES

ITEM	INDUCTANCE L (μH)	TEST FREQ. (MHz)	STANDARD SPEC. Q Min.	S.R.F. Min. (MHz)	D.C. RESISTANCE Max. (Ω)	IDC (mA)
AL0410 Δ 471 □ -S- ∇	470	0.796	60	2.25	7.70	126
AL0410 Δ 561 □ -S- ∇	560	0.796	60	2.10	8.50	120
AL0410 Δ 681 □ -S- ∇	680	0.796	55	1.95	9.40	113
AL0410 Δ 821 □ -S- ∇	820	0.796	55	1.85	10.5	100
AL0410 Δ 102 □ -S- ∇	1000	0.796	50	1.70	12.0	100

Δ : S : Bulk ST : Tapping Pack B : Bended Legs A : AVI Type AT : AVI Tapping Type PT : PANA Tapping Type

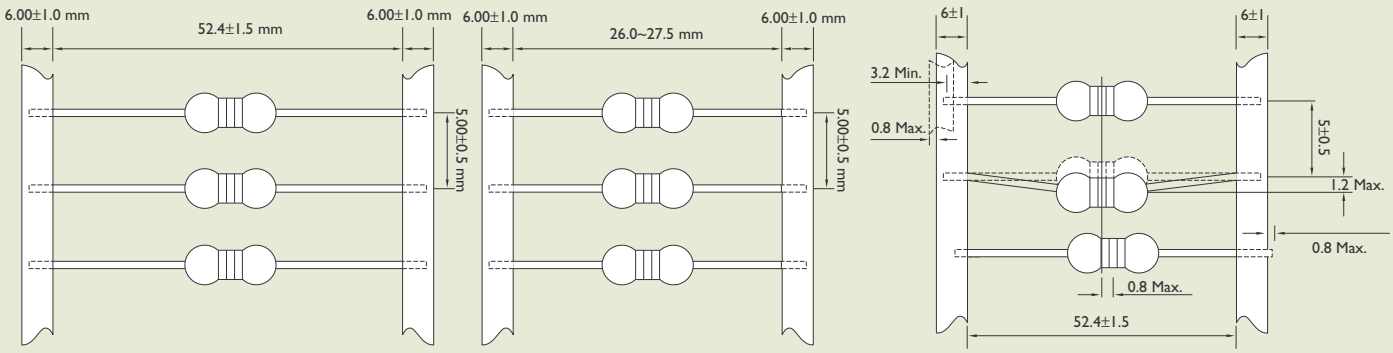
□ : Tolerance (K : ± 10% M : ± 20%)

∇ : Ammunition Pack (A : 26.5 B : 52.4)

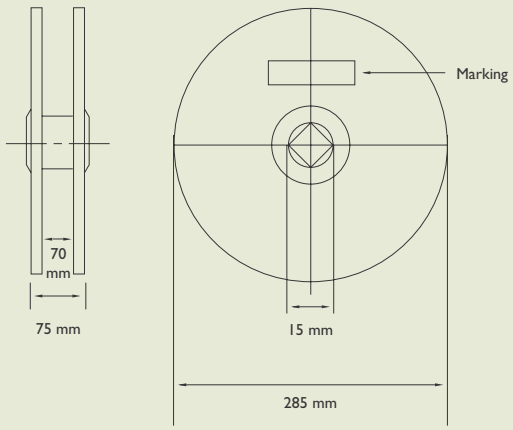
PACK

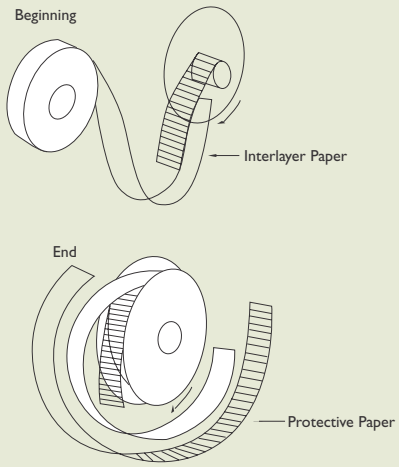
Dimensions : mm

DIMENSIONS OF TAPE



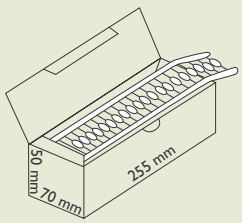
DIMENSIONS OF REEL



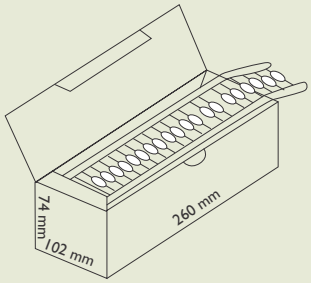


DIMENSIONS OF AMMUNITION PACK

-A (for inner tape : $26.5^{+1.0}_{-0.5}$ mm width)



-B (for inner tape : 52.4± 1.5 mm width)



REEL PACKING

PART NO.	QTY PER REEL	APPROX. GW/R & BOX	SIZE L xW x H (mm)	QTY CARTON	APPROX. NW	APPROX. GW
0204 SERIES	5000 PCS	0.8Kg	430 x 350 x 340	25000PCS	4.35Kg	5.35kg
0307 SERIES	5000PCS	1.6Kg	430 x 350 x 340	25000 PCS	8.35Kg	9.35Kg
0410 SERIES	2500 PCS	2.8Kg	360 x 310 x 600	20000 PCS	14.35 Kg	15.35Kg
0510 SERIES	2500 PCS	2.6Kg	360 x 310 x 600	20000 PCS	13.35Kg	14.35Kg

AMMUNITION PACKING

PART NO.	QTY PER REEL	APPROX. GW/R & BOX	SIZE L xW x H (mm)	QTY CARTON	APPROX. NW	APPROX. GW
0204 SERIES	5000 PCS	0.8Kg	430 x 350 x 340	25000 PCS	4.35Kg	5.35Kg
0307 SERIES	5000 PCS	1.6Kg	430 x 350 x 340	25000 PCS	8.35Kg	9.35Kg
0410 SERIES	2500 PCS	2.8Kg	360 x 310 x 600	20000 PCS	14.35Kg	15.35Kg
0510 SERIES	2500 PCS	2.6Kg	360 x 310 x 600	20000 PCS	13.35Kg	14.35Kg

IN BULKS

PART NO.	QTY PER BAG	APPROX. GW/BAG
0204 SERIES	500 PCS	0.05Kg
0307 SERIES	500 PCS	0.10Kg
0410 SERIES	500 PCS	0.20Kg
0510 SERIES	500 PCS	0.30Kg

CHOKE COILS
RC TYPE

RC TYPE Series

FEATURES

- Low Cost
- Wide Range of Inductance
- High Reliability

PRODUCT IDENTIFICATION

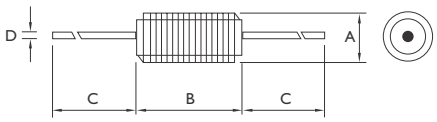
RC 05 08 Δ - 100 K - D2

- Material
- Tolerance (K:±10%)
- Inductance 1μH
- C : Clear Coating
  ST :Tapping Pack
- B Dim.
- A Dim.
- Choke Coils
  RC Type

TEST INSTRUMENTS

- L.Q : HP 4285 + HP 42851A
- SRF : HP4287A
- RDC : CHEN HWA502BC
- IDC : CHEN HWA CH1061+301A

DIMENSIONS



Dimensions : mm

	RC0508	RC0510	RC0512
A	5^{+0}	5^{+0}	5^{+0}
B	8±0.5	10±0.5	12±0.5
C	25^{-0}	25^{-0}	25^{-0}
D	0.65ø	0.65ø	0.65ø

ELECTRICAL PARAMETERS RC0508/RC0510/RC0512 SERIES

ITEM	INDUCTANCE L (μH)	TEST FREQ. (MHz)	STANDARD SPEC. Q Min.	S.R.F. Min. (MHz)	D.C. RESISTANCE Max. (Ω)	IDC (mA)
RC0508Δ-1R0K-D2	1.0	7.96	30	155	0.186	1730
RC0508Δ-1R2K-D2	1.2	7.96	30	145	0.150	1670
RC0508Δ-1R5K-D2	1.5	7.96	30	130	0.160	1130
RC0508Δ-1R8K-D2	1.8	7.96	30	115	0.17	1070
RC0508Δ-2R2K-D2	2.2	7.96	30	105	0.19	1030
RC0508Δ-2R7K-D2	2.7	7.96	30	95	0.21	960
RC0508Δ-3R3K-D2	3.3	7.96	30	85	0.23	900
RC0508Δ-3R9K-D2	3.9	7.96	30	80	0.25	860
RC0508Δ-4R7K-D2	4.7	7.96	30	70	0.50	550
RC0508Δ-5R6K-D2	5.6	7.96	30	65	0.55	530
RC0508Δ-6R8K-D2	6.8	7.96	30	60	0.61	550
RC0508Δ-8R2K-D2	8.2	7.96	30	55	0.88	480
RC0508Δ-100K-D2	10	2.52	30	50	0.75	460
RC0508Δ-120K-D2	12	2.52	30	48	0.82	460
RC0510Δ-150K-D2	15	2.52	30	45	0.83	430
RC0510Δ-180K-D2	18	2.52	30	41	0.94	410
RC0510Δ-220K-D2	22	2.52	30	35	1.20	390
RC0510Δ-270K-D2	27	2.52	30	30	1.20	370
RC0510Δ-330K-D2	33	2.52	30	32	1.30	370
RC0510Δ-390K-D2	39	2.52	30	30	1.45	355
RC0512Δ-470K-D2	47	2.52	30	27	1.64	355
RC0512Δ-560K-D2	56	2.52	30	24	1.75	320
RC0512Δ-680K-D2	68	2.52	30	22	2.50	310
RC0512Δ-820K-D2	82	2.52	30	20	3.50	290

* Customers' specifications are welcome.

CHOKE COILS
RC TYPE

RC TYPE Series

TEST INSTRUMENTS

L : HP 4285 + 42851A

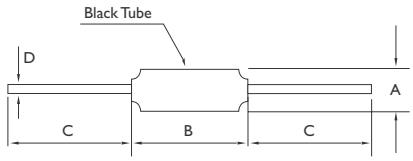
IDC : CHEN HWA CH1061H301A

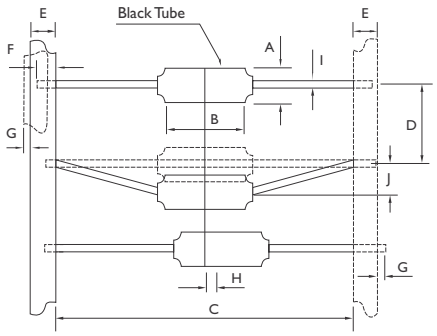
PRODUCT IDENTIFICATION

RC 05 13 Δ - 100 M - D2

- Material
- Tolerance (M:±20%)
- Inductance 10μH
- T : Tube Pack
  ST : Tapping Pack
- B Dim.
- A Dim.
- Choke Coils
  RC Type

DIMENSIONS





Dimensions : mm

	RC0513T	RC0519T	RC0621T	RC0628T
A	5^{+0}	5^{+0}	6^{+0}	6^{+0}
B	13^{+0}	19^{+0}	21^{+0}	28^{+0}
C	30^{-0}	30^{-0}	30^{-0}	30^{-0}
D	0.65ø	0.65ø	0.8ø	0.8ø

	RC0513ST	RS0519ST	RC0621ST	RC0628ST
A	5^{+0}	5^{+0}	6^{+0}	6^{+0}
B	13^{+0}	19^{+0}	18 ~ 21	23 ~ 27
C	52.4±1.5	73±1.5	76 ~ 80	76 ~ 80
D	5±0.5	10±0.5	10±0.5	10±0.5
E	6±1	6±1	6±1	6±1
F	3.2^{-0}	3.2^{-0}	4.8^{-0}	4.8^{-0}
G	0.8^{+0}	0.8^{+0}	0.8^{+0}	0.8^{+0}
H	2.5^{+0}	2.5^{+0}	2.5^{+0}	2.5^{+0}
I	0.65ø	0.65ø	0.8ø	0.8ø
J	1.5^{+0}	1.5^{+0}	1.5^{+0}	1.5^{+0}

ELECTRICAL PARAMETERS RC0513/RC0519/RC0621/RC0628 SERIES

ITEM	INDUCTANCE L (μH)	TEST FREQ. (MHz)	IDC (A)
RC0513Δ-5R6M-D2	5.6	7.96	0.80
RC0513Δ-6R8M-D2	6.8	7.96	0.80
RC0513Δ-7R5M-D2	7.5	7.96	0.45
RC0513Δ-8R2M-D2	8.2	7.96	0.43
RC0513Δ-100M-D2	10	2.52	0.40
RC0513Δ-120M-D2	12	2.52	0.38
RC0513Δ-150M-D2	15	2.52	0.36
RC0513Δ-180M-D2	18	2.52	0.36
RC0513Δ-220M-D2	22	2.52	0.33
RC0513Δ-270M-D2	27	2.52	0.31
RC0519Δ-5R6M-D2	5.6	7.96	1.30
RC0519Δ-6R8M-D2	6.8	7.96	1.30
RC0519Δ-7R5M-D2	7.5	7.96	1.30
RC0519Δ-8R2M-D2	8.2	7.96	1.30
RC0519Δ-100M-D2	10	2.52	1.30
RC0519Δ-120M-D2	12	2.52	1.30
RC0519Δ-150M-D2	15	2.52	1.00
RC0519Δ-180M-D2	18	2.52	1.00
RC0519Δ-220M-D2	22	2.52	0.90
RC0519Δ-270M-D2	27	2.52	0.50
RC0519Δ-330M-D2	33	2.52	0.50
RC0519Δ-390M-D2	39	2.52	0.30
RC0519Δ-470M-D2	47	2.52	0.30
RC0621Δ-3R3M-K	3.3	7.96	3.00
RC0621Δ-5R6M-K	5.6	7.96	3.00
RC0621Δ-6R8M-K	6.8	7.96	3.00
RC0621Δ-7R5M-K	7.5	7.96	3.00
RC0621Δ-8R2M-K	8.2	7.96	3.00
RC0621Δ-100M-K	10	2.52	3.00
RC0621Δ-120M-K	12	2.52	2.00
RC0621Δ-150M-K	15	2.52	2.00
RC0621Δ-180M-K	18	2.52	1.60
RC0621Δ-220M-K	22	2.52	1.60
RC0621Δ-270M-K	27	2.52	0.80
RC0621Δ-330M-K	33	2.52	0.80
RC0621Δ-390M-K	39	2.52	0.80
RC0621Δ-470M-K	47	2.52	0.70
RC0628Δ-5R6M-K	5.6	7.96	5.00
RC0628Δ-6R8M-K	6.8	7.96	5.00
RC0628Δ-7R5M-K	7.5	7.96	5.00
RC0628Δ-8R2M-K	8.2	7.96	5.00
RC0628Δ-100M-K	10	2.52	4.00
RC0628Δ-120M-K	12	2.52	4.00
RC0628Δ-150M-K	15	2.52	4.00
RC0628Δ-180M-K	18	2.52	3.00
RC0628Δ-220M-K	22	2.52	3.00
RC0628Δ-270M-K	27	2.52	2.00
RC0628Δ-330M-K	33	2.52	2.00
RC0628Δ-390M-K	39	2.52	1.20
RC0628Δ-470M-K	47	2.52	1.20

* Customers' specifications are welcome.

CHOKE COILS
RC TYPE

RC0910 Series

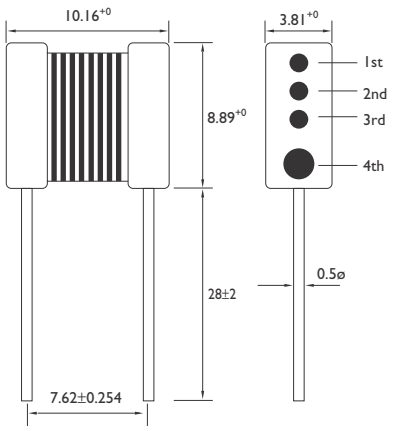
PRODUCT IDENTIFICATION

RC 09 10 - 100 K - Y4

- Material
- Tolerance (K:±10%)
- Inductance 10μH
- B Dim.
- A Dim.
- Choke Coils RC Type

OUTER DIMENSION

Dimensions : mm



TEST INSTRUMENTS

L.Q. : HP 4285 + HP 42851A
RDC : CHEN HWA502BC
IDC : CHEN HWA CH1061+301A

SPECIFICATIONS

Dimensions : mm

STYLE	READIAL LEAD
Temperature Rise	20°C
Ambient Temperature	80°C
Temperature Range	-20°C to 100°C
Terminal Tensile Strength	2.5Kg Min.
Terminal Bending Strength	0.5Kg

ELECTRICAL PARAMETERS

ITEM	INDUCTANCE L (μH)	TEST FREQ. (MHz)	STANDARD SPEC. Q Min.	D.C. RESISTNACE Max. (Ω)	IDC (A)
RC0910-1R0K-Y4	1.0	7.96	90	0.015	7.00
RC0910-1R2K-Y4	1.2	7.96	39	0.012	6.00
RC0910-1R5K-Y4	1.5	7.96	33	0.014	5.00
RC0910-1R8K-Y4	1.8	7.96	37	0.020	4.80
RC0910-2R2K-Y4	2.2	7.96	38	0.025	4.40
RC0910-2R5K-Y4	2.5	7.96	85	0.030	4.10
RC0910-2R7K-Y4	2.7	7.96	43	0.028	4.00
RC0910-3R3K-Y4	3.3	7.96	35	0.036	3.70
RC0910-3R9K-Y4	3.9	7.96	37	0.050	3.40
RC0910-4R7K-Y4	4.7	7.96	37	0.053	3.20
RC0910-5R0K-Y4	5.0	7.96	90	0.080	2.90
RC0910-5R6K-Y4	5.6	7.96	35	0.092	2.80
RC0910-6R8K-Y4	6.8	7.96	29	0.113	2.60
RC0910-7R5K-Y4	7.5	7.96	95	0.110	2.50
RC0910-8R2K-Y4	8.2	7.96	32	0.116	2.20
RC0910-100K-Y4	10	7.96	90	0.190	2.10
RC0910-120K-Y4	12	2.52	55	0.140	2.00
RC0910-150K-Y4	15	2.52	51	0.158	1.60
RC0910-180K-Y4	18	2.52	46	0.180	1.50
RC0910-220K-Y4	22	2.52	51	0.230	1.40
RC0910-250K-Y4	25	2.52	80	0.500	1.30
RC0910-270K-Y4	27	2.52	52	0.265	1.30
RC0910-330K-Y4	33	2.52	47	0.346	1.20
RC0910-390K-Y4	39	2.52	46	0.371	1.10
RC0910-470K-Y4	47	2.52	49	0.502	1.03
RC0910-500K-Y4	50	2.52	70	1.100	1.00
RC0910-560K-Y4	56	2.52	45	0.687	0.95
RC0910-680K-Y4	68	2.52	46	0.888	0.90
RC0910-750K-Y4	75	2.52	45	1.200	0.86
RC0910-820K-Y4	82	2.52	53	1.198	0.85
RC0910-101K-Y4	100	0.796	85	1.500	0.70
RC0910-121K-Y4	121	0.796	77	1.725	0.65
RC0910-151K-Y4	150	0.796	79	1.855	0.60
RC0910-181K-Y4	180	0.796	76	2.070	0.58
RC0910-221K-Y4	220	0.796	63	2.185	0.49
RC0910-251K-Y4	250	0.796	55	2.700	0.49
RC0910-271K-Y4	270	0.796	70	2.530	0.45
RC0910-331K-Y4	330	0.796	54	3.335	0.41
RC0910-391K-Y4	390	0.796	60	3.450	0.39
RC0910-471K-Y4	470	0.796	76	5.290	0.35
RC0910-501K-Y4	500	0.796	35	3.300	0.34
RC0910-561K-Y4	560	0.796	68	5.405	0.32
RC0910-681K-Y4	680	0.796	64	5.930	0.29
RC0910-751K-Y4	750	0.796	30	4.200	0.28
RC0910-821K-Y4	820	0.796	60	6.325	0.27
RC0910-102K-Y4	1000	0.252	70	8.600	0.21
RC0910-122K-Y4	1200	0.252	70	10.005	0.21
RC0910-152K-Y4	1500	0.252	72	14.260	0.19
RC0910-182K-Y4	1800	0.252	72	15.765	0.17
RC0910-222K-Y4	2200	0.252	72	17.595	0.15
RC0910-252K-Y4	2500	0.252	75	18.000	0.14
RC0910-272K-Y4	2700	0.252	72	19.320	0.14
RC0910-332K-Y4	3300	0.252	70	21.735	0.13
RC0910-392K-Y4	3900	0.252	70	26.000	0.12
RC0910-472K-Y4	4700	0.252	63	29.900	0.11
RC0910-502K-Y4	5000	0.252	45	31.000	0.10
RC0910-752K-Y4	7500	0.252	25	50.000	0.08
RC0910-103K-Y4	10000	0.0796	25	70.000	0.07

* Customers' specifications are welcome.

SC0717 Series

CHOKE COILS
SC TYPE

TEST INSTRUMENTS

L : HP 4192A LF Impedance Analyzer

D.C. Current : CHEN HWA CH1061+301A

D.C. Resistance : CHEN HWA502BC

FEATURES

Low Cost

Wide Range of Inductance

High Reliability

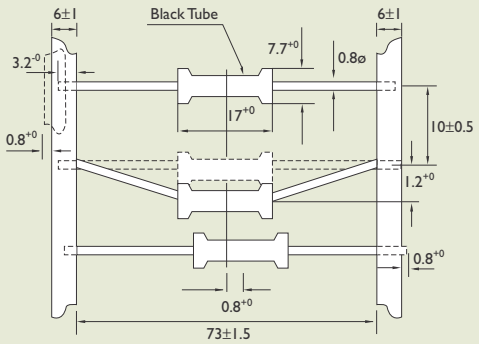
PRODUCT IDENTIFICATION

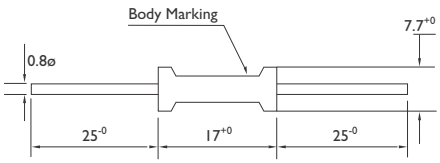
SC 07 17 □ - 101 - X129

- Material
- Inductance 10μH
- S : Bulk
  ST : Tapping
- B Dim.
- A Dim.
- Choke Coils
  SC Type

DIMENSIONS

Dimensions : mm





ELECTRICAL PARAMETERS

ITEM	INDUCTANCE L (μH) @1 KHZ, 1V	D.C. RESISTANCE Max. (Ω)	D.C. CURRENT Min. (mA)
SC0717☐-3R9-X129	3.9±15%	0.019	3600
SC0717☐-4R7-X129	4.7±15%	0.022	2800
SC0717☐-5R6-X129	5.6±15%	0.024	2600
SC0717☐-6R8-X129	6.8±15%	0.026	2200
SC0717☐-8R2-X129	8.2±15%	0.028	2100
SC0717☐-100-X129	10±15%	0.033	1700
SC0717☐-120-X129	12±15%	0.037	1700
SC0717☐-150-X129	15±15%	0.040	1400
SC0717☐-180-X129	18±15%	0.044	1300
SC0717☐-220-X129	22±15%	0.050	1200
SC0717☐-270-X129	27±15%	0.058	1100
SC0717☐-330-X129	33±15%	0.075	950
SC0717☐-390-X129	39±15%	0.094	900
SC0717☐-470-X129	47±15%	0.109	830
SC0717☐-560-X129	56±15%	0.140	750
SC0717☐-680-X129	68±15%	0.131	700
SC0717☐-820-X129	82±15%	0.152	600
SC0717☐-101-X129	100±15%	0.208	550
SC0717☐-121-X129	120±15%	0.283	500
SC0717☐-151-X129	150±15%	0.34	450
SC0717☐-181-X129	180±15%	0.362	450
SC0717☐-221-X129	220±15%	0.43	350
SC0717☐-271-X129	270±15%	0.557	300
SC0717☐-331-X129	330±15%	0.665	300
SC0717☐-391-X129	390±15%	0.772	250
SC0717☐-471-X129	470±15%	1.15	250
SC0717☐-561-X129	560±15%	1.27	250
SC0717☐-681-X129	680±15%	1.61	200
SC0717☐-821-X129	820±15%	1.96	200
SC0717☐-102-X129	1000±15%	2.30	180
SC0717☐-122-X129	1200±15%	2.65	170
SC0717☐-152-X129	1500±15%	3.40	140
SC0717☐-182-X129	1800±15%	4.03	130
SC0717☐-222-X129	2200±15%	4.38	120
SC0717☐-272-X129	2700±15%	5.40	100
SC0717☐-332-X129	3300±15%	6.56	95
SC0717☐-392-X129	3900±15%	8.63	90
SC0717☐-472-X129	4700±15%	9.66	80
SC0717☐-562-X129	5600±15%	13.90	70
SC0717☐-682-X129	6800±15%	16.30	60
SC0717☐-822-X129	8200±15%	20.80	60
SC0717☐-103-X129	10000±15%	26.40	55
SC0717☐-123-X129	12000±15%	29.90	45
SC0717☐-153-X129	15000±15%	42.50	45
SC0717☐-183-X129	18000±15%	48.30	40

* Customers' specifications are welcome.

NOTE : Marking : Per Customer's Specifications

SC1126 Series

CHOKE COILS
SC TYPE

TEST INSTRUMENTS

L : HP 4192A LF Impedance Analyzer

D.C. Current : CHEN HWA CH1061+301A

D.C. Resistance : CHEN HWA502BC

FEATURES

Low Cost

Wide Range of Inductance

High Reliability

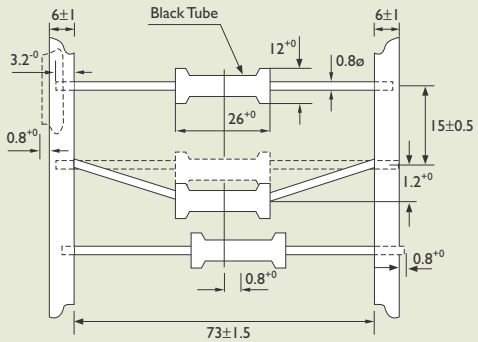
PRODUCT IDENTIFICATION

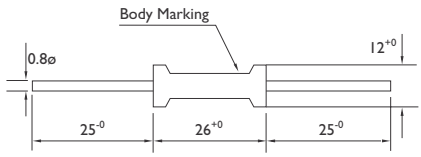
SC 11 26 □ - 100 - X129

- Material
- Inductance 10μH
- S : Bulk
  ST : Tapping
- B Dim.
- A Dim.
- Choke Coils
  SC Type

DIMENSIONS

Dimensions : mm





ELECTRICAL PARAMETERS

ITEM	INDUCTANCE L (μH) @1 KHz, 1V	D.C. RESISTANCE Max. (Ω)	D.C. CURRENT Min. (mA)
SC1126☐-100-X129	10±15%	0.023	4200
SC1126☐-120-X129	12±15%	0.025	3600
SC1126☐-150-X129	15±15%	0.030	3400
SC1126☐-180-X129	18±15%	0.032	3100
SC1126☐-220-X129	22±15%	0.035	2700
SC1126☐-270-X129	27±15%	0.038	2400
SC1126☐-330-X129	33±15%	0.043	2200
SC1126☐-390-X129	39±15%	0.047	1800
SC1126☐-470-X129	47±15%	0.054	1800
SC1126☐-560-X129	56±15%	0.060	1500
SC1126☐-680-X129	68±15%	0.068	1500
SC1126☐-820-X129	82±15%	0.073	1300
SC1126☐-101-X129	100±15%	0.098	1200
SC1126☐-121-X129	120±15%	0.140	1100
SC1126☐-151-X129	150±15%	0.180	1000
SC1126☐-181-X129	180±15%	0.200	940
SC1126☐-221-X129	220±15%	0.280	800
SC1126☐-271-X129	270±15%	0.310	800
SC1126☐-331-X129	330±15%	0.350	600
SC1126☐-391-X129	390±15%	0.380	600
SC1126☐-471-X129	470±15%	0.440	500
SC1126☐-561-X129	560±15%	0.480	500
SC1126☐-681-X129	680±15%	0.630	450
SC1126☐-821-X129	820±15%	0.870	450
SC1126☐-102-X129	1000±15%	0.96	400
SC1126☐-122-X129	1200±15%	1.30	390
SC1126☐-152-X129	1500±15%	1.40	300
SC1126☐-182-X129	1800±15%	1.70	300
SC1126☐-222-X129	2200±15%	2.30	260
SC1126☐-272-X129	2700±15%	2.60	250
SC1126☐-332-X129	3300±15%	3.50	200

ELECTRICAL PARAMETERS

ITEM	INDUCTANCE L (μH) @1 KHz, 1V	D.C. RESISTANCE Max. (Ω)	D.C. CURRENT Min. (mA)
SC1126☐-392-X129	3900±15%	3.80	200
SC1126☐-472-X129	4700±15%	4.30	180
SC1126☐-562-X129	5600±15%	5.60	170
SC1126☐-682-X129	6800±15%	6.30	140
SC1126☐-822-X129	8200±15%	8.60	140
SC1126☐-103-X129	10000±15%	9.70	120
SC1126☐-123-X129	12000±15%	11.00	110
SC1126☐-153-X129	15000±15%	15.00	100
SC1126☐-183-X129	18000±15%	20.00	95
SC1126☐-223-X129	22000±15%	24.00	85
SC1126☐-273-X129	27000±15%	26.00	80
SC1126☐-333-X129	33000±15%	35.00	70
SC1126☐-393-X129	39000±15%	38.00	65
SC1126☐-473-X129	47000±15%	50.00	60
SC1126☐-563-X129	56000±15%	55.00	55
SC1126☐-683-X129	68000±15%	76.00	50
SC1126☐-823-X129	82000±15%	86.00	45
SC1126☐-104-X129	100000±15%	99.00	40
SC1126☐-124-X129	120000±15%	110.0	40
SC1126☐-154-X129	150000±15%	200.0	35
SC1126☐-184-X129	180000±15%	220.0	30
SC1126☐-224-X129	220000±15%	300.0	25
SC1126☐-274-X129	270000±15%	320.0	25
SC1126☐-334-X129	330000±15%	420.0	25
SC1126☐-394-X129	390000±15%	480.0	20
SC1126☐-474-X129	470000±15%	670.0	20
SC1126☐-564-X129	560000±15%	730.0	20
SC1126☐-684-X129	680000±15%	870.0	15
SC1126☐-824-X129	820000±15%	950.0	15
SC1126☐-105-X129	1000000±15%	1100.0	15

* Customers' specifications are welcome.

NOTE : Marking : Per Customer's Specifications

CHOKE COILS
SC TYPE

SC1223 Series

TEST INSTRUMENTS

L : HPT 4192A LF Impedance Analyzer

D.C. Current : CHEN HWA CH1061+301A

D.C. Resistance : CHEN HWA502BC

PRODUCT IDENTIFICATION

SC 12 23 □ - 100 - X129

- Material
- Inductance 10μH
- S : Bulk
  ST : Tapping
- B Dim.
- A Dim.
- Choke Coils
  SC Type

FEATURES

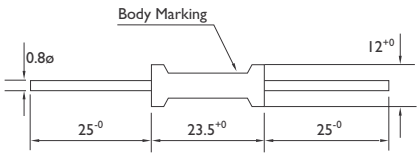
Low Cost

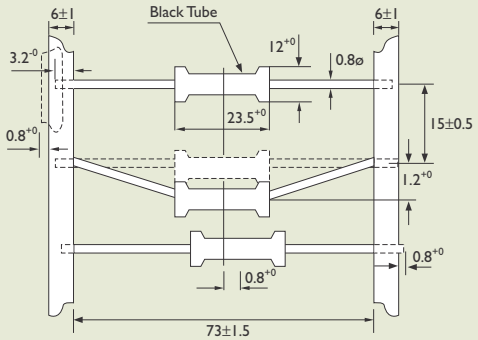
Wide Range of Inductance

High Reliability

DIMENSIONS

Dimensions : mm





ELECTRICAL PARAMETERS

ITEM	INDUCTANCE L (μH) @1 KHz, 1V	D.C. RESISTANCE Max. (Ω)	D.C. CURRENT Min. (mA)
SC1223☐-3R9-X129	3.9±15%	0.007	4500
SC1223☐-4R7-X129	4.7±15%	0.008	4000
SC1223☐-5R6-X129	5.6±15%	0.009	3500
SC1223☐-6R8-X129	6.8±15%	0.011	3300
SC1223☐-8R2-X129	8.2±15%	0.013	2900
SC1223☐-100-X129	10±15%	0.017	2700
SC1223☐-120-X129	12±15%	0.019	2400
SC1223☐-150-X129	15±15%	0.022	2100
SC1223☐-180-X129	18±15%	0.023	1900
SC1223☐-220-X129	22±15%	0.026	1700
SC1223☐-270-X129	27±15%	0.027	1500
SC1223☐-330-X129	33±15%	0.032	1400
SC1223☐-390-X129	39±15%	0.033	1300
SC1223☐-470-X129	47±15%	0.035	1200
SC1223☐-560-X129	56±15%	0.037	1100
SC1223☐-680-X129	68±15%	0.047	1400
SC1223☐-820-X129	82±15%	0.060	1300
SC1223☐-101-X129	100±15%	0.080	1200
SC1223☐-121-X129	120±15%	0.090	1100
SC1223☐-151-X129	150±15%	0.120	940
SC1223☐-181-X129	180±15%	0.140	900
SC1223☐-221-X129	220±15%	0.160	800
SC1223☐-271-X129	270±15%	0.180	770
SC1223☐-331-X129	330±15%	0.212	620
SC1223☐-391-X129	390±15%	0.260	600
SC1223☐-471-X129	470±15%	0.281	510
SC1223☐-561-X129	560±15%	0.380	480
SC1223☐-681-X129	680±15%	0.500	470

ELECTRICAL PARAMETERS

ITEM	INDUCTANCE L (μH) @1 KHz, 1V	D.C. RESISTANCE Max. (Ω)	D.C. CURRENT Min. (mA)
SC1223☐-821-X129	820±15%	0.548	430
SC1223☐-102-X129	1000±15%	0.655	380
SC1223☐-122-X129	1200±15%	0.884	350
SC1223☐-152-X129	1500±15%	1.040	310
SC1223☐-182-X129	1800±15%	1.180	290
SC1223☐-222-X129	2200±15%	1.568	250
SC1223☐-272-X129	2700±15%	2.06	220
SC1223☐-332-X129	3300±15%	2.53	210
SC1223☐-392-X129	3900±15%	2.75	200
SC1223☐-472-X129	4700±15%	3.19	170
SC1223☐-562-X129	5600±15%	3.92	150
SC1223☐-682-X129	6800±15%	6.69	140
SC1223☐-822-X129	8200±15%	6.32	130
SC1223☐-103-X129	10000±15%	7.30	110
SC1223☐-123-X129	12000±15%	9.21	100
SC1223☐-153-X129	15000±15%	10.50	95
SC1223☐-183-X129	18000±15%	14.80	90
SC1223☐-223-X129	22000±15%	21.80	80
SC1223☐-273-X129	27000±15%	22.70	70
SC1223☐-333-X129	33000±15%	25.7	60
SC1223☐-393-X129	39000±15%	33.00	60
SC1223☐-473-X129	47000±15%	36.10	60
SC1223☐-563-X129	56000±15%	40.90	55
SC1223☐-683-X129	68000±15%	57.30	45
SC1223☐-823-X129	82000±15%	79.30	40
SC1223☐-104-X129	100000±15%	89.70	40

* Customers' specifications are welcome.

NOTE: Marking : Per Customer's Specifications

SL0609 Series

CHOKE COILS SL TYPE

FEATURES

- Low Cost
- Wide Range of Inductance
- High Reliability

ELECTRICAL PARAMETERS

ITEM	INDUC-TANCE L (μH)	TEST FREQ. (MHz)	STANDARD SPEC. Q Min.	S.R.F. Min. (MHz)	D.C. RESISTANCE Max. (Ω)	IDC (mA)
SL0609-1R0K-D2	1.0	7.96	50	105	0.15	300
SL0609-1R2K-D2	1.2	7.96	50	90	0.15	300
SL0609-1R5K-D2	1.5	7.96	55	75	0.20	300
SL0609-1R8K-D2	1.8	7.96	70	75	0.20	300
SL0609-2R2K-D2	2.2	7.96	75	65	0.25	300
SL0609-2R7K-D2	2.7	7.96	80	60	0.25	300
SL0609-3R3K-D2	3.3	7.96	80	50	0.25	300
SL0609-3R9K-D2	3.9	7.96	80	45	0.30	300
SL0609-4R7K-D2	4.7	7.96	75	40	0.30	300
SL0609-5R6K-D2	5.6	7.96	75	35	0.35	300
SL0609-6R8K-D2	6.8	7.96	70	30	0.35	300
SL0609-8R2K-D2	8.2	7.96	70	25	0.35	300
SL0609-100K-D2	10	2.52	80	20	0.60	300
SL0609-120K-D2	12	2.52	80	18	0.65	200
SL0609-150K-D2	15	2.52	80	17	0.75	200
SL0609-180K-D2	18	2.52	75	15	0.85	200
SL0609-220K-D2	22	2.52	75	13	1.00	200
SL0609-270K-D2	27	2.52	75	11	1.20	200
SL0609-330K-D2	33	2.52	75	10.5	1.30	200
SL0609-390K-D2	39	2.52	70	10.0	1.50	200
SL0609-470K-K	47	2.52	70	9.5	1.60	200
SL0609-560K-K	56	2.52	65	9.0	1.65	200
SL0609-680K-K	68	2.52	60	8.5	1.80	200
SL0609-820K-K	82	2.52	55	7.5	1.85	200
SL0609-101K-K	100	0.796	80	7.0	2.00	200
SL0609-121K-K	120	0.796	80	6.2	2.50	100
SL0609-151K-K	150	0.796	80	5.8	3.00	100
SL0609-181K-K	180	0.796	75	5.4	3.50	100
SL0609-221K-K	220	0.796	75	4.9	4.00	100
SL0609-271K-K	270	0.796	70	3.9	5.00	100
SL0609-331K-K	330	0.796	70	3.7	6.00	50
SL0609-391K-K	390	0.796	70	3.3	6.50	50
SL0609-471K-K	470	0.796	70	3.0	7.50	50
SL0609-561K-K	560	0.796	70	2.2	8.00	50
SL0609-681K-K	680	0.796	70	2.0	8.50	50
SL0609-821K-K	820	0.796	70	1.8	9.50	50

* Customers' specifications are welcome.

TEST INSTRUMENTS

- L & Q : HP 4385 + HP 42851A
- RDC : CHEN HWA502BC
- SRF : HP4287A
- IDC : CHEN HWA CH1061+301A

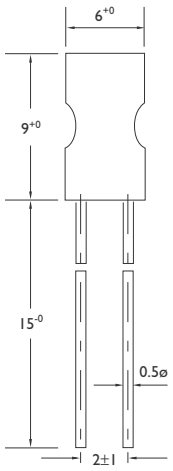
PRODUCT IDENTIFICATION

SL 06 09 □ - 151 K - K

- Material
- Tolerance (K:±10%, M:±20%)
- Inductance 150μH
- Outer Type T : UL or PVC Tube C : Clear Coating
- B Dim.
- A Dim.
- Choke Coils SL Type

DIMENSIONS

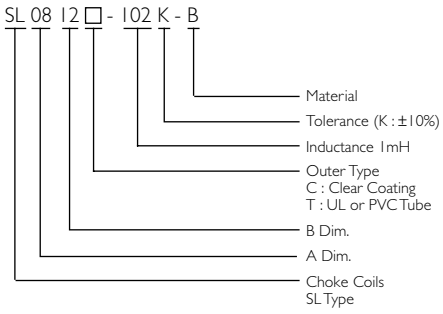
Dimensions : mm



CHOKE COILS
SL TYPE

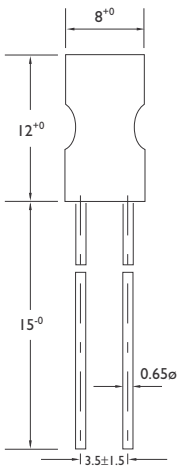
SL0812 Series

PRODUCT IDENTIFICATION



DIMENSIONS

Dimensions : mm



FEATURES

- Low Cost
- Wide Range of Inductance
- High Reliability

ELECTRICAL PARAMETERS

ITEM	INDUCTANCE L (mH)	TEST FREQ. (MHz)	Q. Min.	D.C. RESISTANCE Max. (Ω)	IDC (mA)
SL0812 □ -102K-B	1.0	252	80	4.0	110
SL0812 □ -122K-B	1.2	252	80	4.7	95
SL0812 □ -152K-B	1.5	252	80	5.9	90
SL0812 □ -182K-B	1.8	252	80	6.0	80
SL0812 □ -222K-B	2.2	252	80	7.3	70
SL0812 □ -272K-B	2.7	252	80	9.0	65
SL0812 □ -332K-B	3.3	252	80	10	60
SL0812 □ -392K-B	3.9	252	80	11	55
SL0812 □ -472K-B	4.7	252	80	15	52
SL0812 □ -562K-B	5.6	252	80	16	50
SL0812 □ -682K-B	6.8	252	80	22	45
SL0812 □ -822K-B	8.2	252	80	25	40
SL0812 □ -103K-B	10	79.6	80	32.5	35
SL0812 □ -123K-B	12	79.6	80	53	32
SL0812 □ -153K-B	15	79.6	80	62	30
SL0812 □ -183K-B	18	79.6	80	68	28
SL0812 □ -223K-B	22	79.6	80	78	25
SL0812 □ -273K-B	27	79.6	80	90	22
SL0812 □ -333K-B	33	79.6	80	150	20
SL0812 □ -393K-B	39	79.6	80	160	16
SL0812 □ -473K-B	47	79.6	80	190	15

* Customers' specifications are welcome.

TEST INSTRUMENTS

- L & Q : HP 4285 + HP 42851A
- RDC : CHEN HWA502BC

SL1016 Series

CHOKE COILS SL TYPE

FEATURES

- Low Cost
- Wide Range of Inductance
- High Reliability

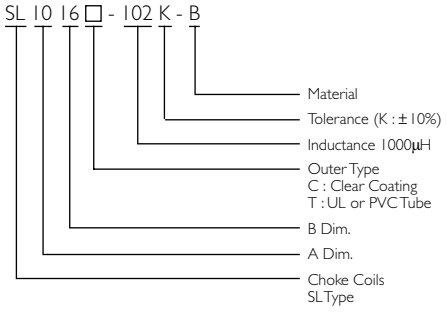
ELECTRICAL PARAMETERS

ITEM	INDUCTANCE L (μH)	D.C. RESISTANCE Max. (Ω)	IDC (A)
SL1016□-4R7K-B	4.7	0.018	10
SL1016□-6R8K-B	6.8	0.020	10
SL1016□-8R2K-B	8.2	0.022	10
SL1016□-100K-B	10	0.027	7.6
SL1016□-120K-B	12	0.024	7.5
SL1016□-150K-B	15	0.031	6.5
SL1016□-180K-B	18	0.039	6.0
SL1016□-220K-B	22	0.039	5.4
SL1016□-330K-B	33	0.047	4.4
SL1016□-470K-B	47	0.053	3.8
SL1016□-560K-B	56	0.068	3.4
SL1016□-680K-B	68	0.078	3.0
SL1016□-101K-B	100	0.099	2.5
SL1016□-121K-B	120	0.128	2.0
SL1016□-151K-B	150	0.182	1.8
SL1016□-181K-B	180	0.195	1.6
SL1016□-221K-B	220	0.312	1.4
SL1016□-271K-B	270	0.32	1.3
SL1016□-331K-B	330	0.39	1.2
SL1016□-391K-B	390	0.40	1.1
SL1016□-471K-B	470	0.49	1.0
SL1016□-561K-B	560	0.52	0.95
SL1016□-681K-B	680	0.88	0.80
SL1016□-821K-B	820	0.89	0.75
SL1016□-102K-B	1000	1.50	0.65
SL1016□-122K-B	1200	1.15	0.60
SL1016□-152K-B	1500	1.3	0.52
SL1016□-182K-B	1800	1.9	0.50
SL1016□-222K-B	2200	2.0	0.45
SL1016□-332K-B	3300	4.6	0.35
SL1016□-472K-B	4700	5.6	0.30
SL1016□-682K-B	6800	7.0	0.25
SL1016□-752K-B	7500	7.7	0.24
SL1016□-822K-B	8200	10.4	0.23
SL1016□-103K-B	10000	11.7	0.18
SL1016□-123K-B	12000	13.8	0.16
SL1016□-153K-B	15000	15.6	0.15
SL1016□-223K-B	22000	23.4	0.10

TEST INSTRUMENTS

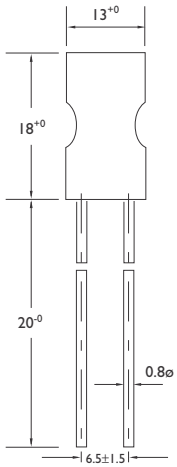
- L : HP 4263B @ 1kHz, 1V
- RDC : CHEN HWA502BC
- IDC : CHEN HWA CH1061+301A
- Customers' specifications are welcome.

PRODUCT IDENTIFICATION



DIMENSIONS

Dimensions : mm



CHOKE COILS
TC TYPE & TD TYPE

TC TYPE Series

PRODUCT IDENTIFICATION

TC 05 20 T - 5R6 K - K

- Material (K, B, D2)
- Tolerance J : ±5%, K : ±10% M ± 20%
- Inductance 5.6μH
- Blank : Clear Coating T : UL or PVC Tube
- Core B Dim.
- Core A Dim.
- Choke Coils TC Type

Core A Dim. & Coil B Dim. are customers' specification.

FEATURES

For High Current

Printed Circuit Mounting

APPLICATIONS

For Switching Regulators, Switching Power Supplies, Typewriting Machines, Amplifiers, Monitors, TVs, UPSs, etc.

SPECIFICATIONS

Inductance L = 1μH~220μH @ 1KHz, 1V

Customers' specification are also welcome.

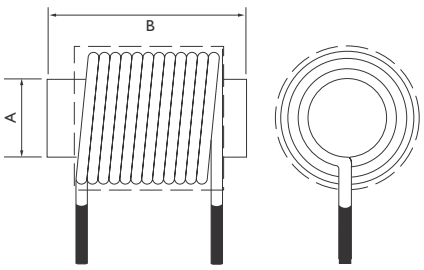
TEST INSTRUMENTS

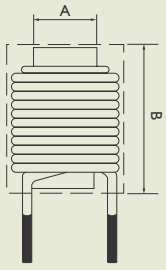
L : HP 4263B LCR Meter

DIMENSION

Dimensions : mm

Shrinkable Tube or Clear Coating





Core A Dim. & Coil B Dim. are customers' specification.

TD TYPE Series

CHOKE COILS
TC TYPE & TD TYPE

SPECIFICATIONS

Inductance L = 1μH~220μH @ 1KHz , 1V

Customers' specification are also welcome.

TEST INSTRUMENTS

L : HP 4263B LCR Meter

PRODUCT IDENTIFICATION

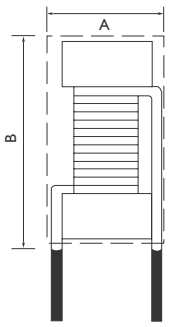
TD 06 08 □ - 5R6 K - K

- Material (K, B, D2)
- Tolerance J : ±5%, K : ±10% M ± 20%
- Inductance 5.6μH
- C : Clear Coating T : UL or PVC Tube
- B Core OD Dim.
- A Core HT Dim.
- Choke Coils TD Type

DIMENSION

Dimensions : mm

ShrinkableTube or Clear Coating



	TD0608C-	TD0608T-
A	9^{+0}	10^{+0}
B	8±0.5	15^{+0}

	TD0809C-	TD0809T-
A	11^{+0}	12^{+0}
B	9±0.5	21^{+0}

EMI Shield Beads
DIP/RH TYPE

RH TYPE Series

PRODUCT IDENTIFICATION

RH 035 06 ST - B - ∇

- ∇ — ST : Ammo Pack
  A : 26.5mm
  B : 52.4mm
- B — Material Code
  B, Y7, B246
- ST — Packaging Symbol
  Bulk : S, B, PS
  AS, B1, B2
  Reel Ammo :
  ST, PT, AT
  B1T, B2T
- 06 — B Dim.
- 035 — A Dim.
- RH — Product Symbol

APPLICATIONS

Prevention of high frequency EMI from video and acoustic communication units as well as other electronic devices.

FEATURES

The Filters Suppress Voltage & Current Spikes Within the Circuit, Providing Protection to Semiconductor Devices

The filter can be mounted directly onto the leads of components utilizing no additional space.

When these products are placed in series with diodes, they more effectively suppress transient current changes which cause noise than other methods.

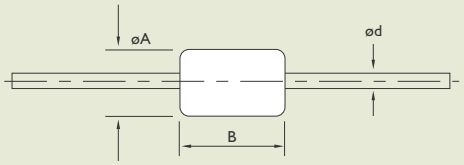
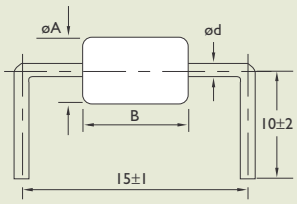
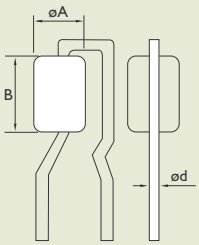
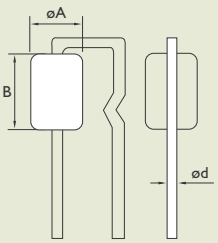
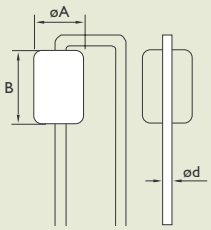
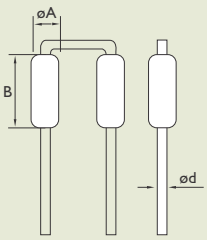
Best designed and tested to offer perfect space utilization and accurate impedance.

OUTLINE

YAGEO EMI / RFI filters are useful for suppressing noise mainly of low impedance circuits. it can effectively absorb any given spectrum of noise by selecting the appropriate ferrite material.

These filters are comparatively inexpensive easily installed. The most important thing is that they attenuate the unwanted noise & EMI without degradation of the informative signal.

SHAPES & DIMENSIONS OF PRODUCTS

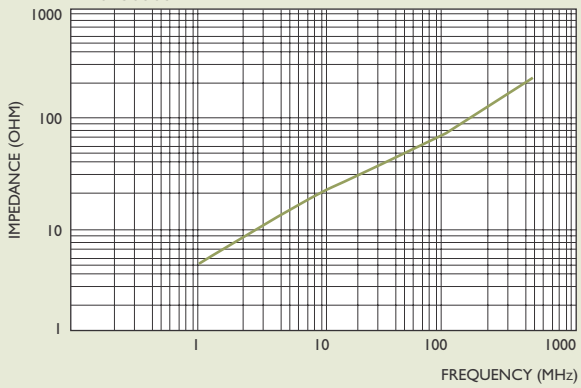
CATEGORY		SHAPE	PACKING SYMBOL	
			BULK	REEL AMMO
AXIAL			S	ST
RADIAL	Transversal		S	
	Erection		S	PT
			AS	AT
			AS	B1T
	Pair		B2	B2T

DIMENSIONS IN MM & ELECTRICAL CHARACTERISTICS

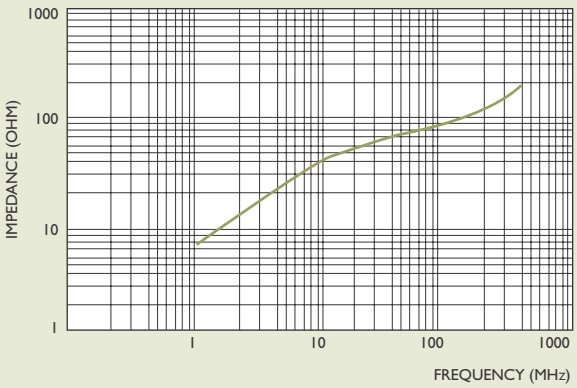
CATEGORY	REMARK	PART NO.	A	B	d	IMPEDANCE MIN.	
						10 MHz	100 MHz
AXIAL	□ : S, ST	RH025015 □ - B - ∇	2.5±0.15	1.5±0.15	0.65	5.0	10.0
	∇ : A, B	RH02503 □ - B - ∇		3.0±2.0		8.0	25.0
		RH02504 □ - B - ∇		4.0±0.2		12.0	30.0
		RH02507 □ - Y7 - ∇		7.0±0.3		20.0	60.0
		RH03503 □ -B246	3.5±0.2	3.0±0.2	0.65	13.0	35.0
		RH03503 □ -B		3.0±0.2		13.0	35.0
		RH035045 □ -B		4.5±0.2		20.0	45.0
		RH035047 □ -Y7		4.7±0.2		20.0	60.0
		RH03505 □ -B		5.0±0.2		20.0	50.0
		RH03506 □ -Y7		6.0±0.2		20.0	80.0
		RH03506 □ -B		6.0±0.2		25.0	65.0
		RH035078 □ -Y7		7.8±0.3		28.0	90.0
		RH035078 □ -B		7.8±0.3		30.0	85.0
		RH03583 □ -Y7		8.3±0.3		30.0	100.0
		RH03509 □ -B246		9.0±0.4		60.0	100.0
		RH03509 □ -B		9.0±0.4		50.0	80.0
		RH035115 □ -Y7		11.5±0.5		45.0	145.0
		RH03514 □ -B		14.0±0.5		60.0	100.0
		RH08010 □ -B	8.0±0.3	10.0±0.4	0.80	50.0	130.0
RADIAL TRANSVERSAL		RH035045 B-B	3.5±0.2	4.5±0.2	0.65	20.0	45.0
		RH03506 B-B		6.0±0.3		20.0	65.0
		RH03509 B-B246		9.0±0.4		60.0	100.0
RADIAL ERECTION	□ : PS AS B1 PT	RH035045 □ -B	3.5±0.2	4.5±0.2	0.65	20.0	45.0
		RH03506 □ -B		6.0±0.3		25.0	65.0
RADIAL PAIR	□ : B2 B2T	RH035045 □ -B	3.5±0.2	4.5±0.2	0.65	20.0	80.0
		RH03506 □ -Y7		6.0±0.3		25.0	110.0

EMI SHIELD BEADS (DIP)

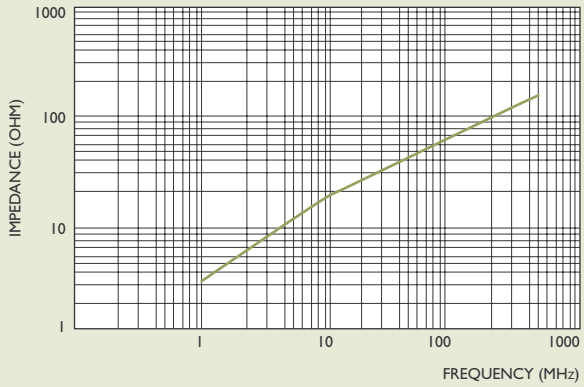
RH025030S-B



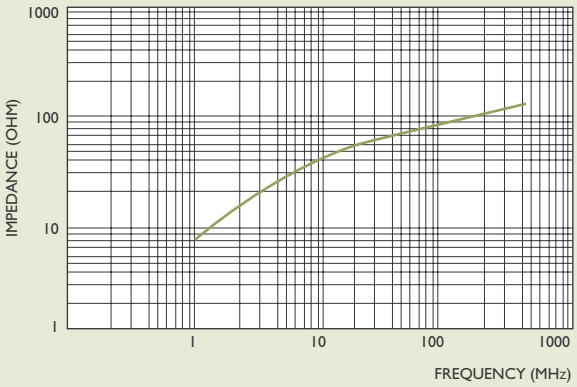
RH035050S-B



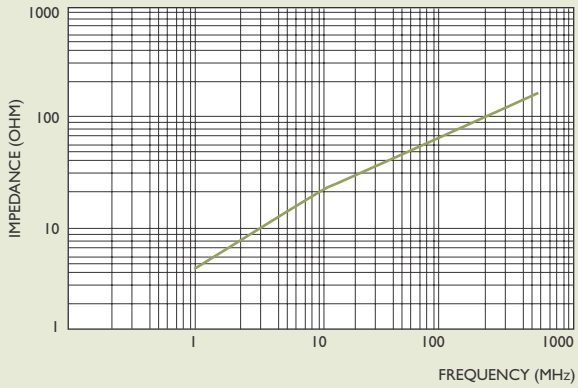
RH035040S-B



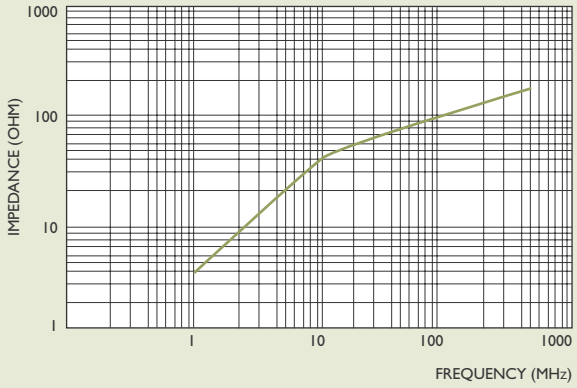
RH035060S-B



RH035045S-Y7

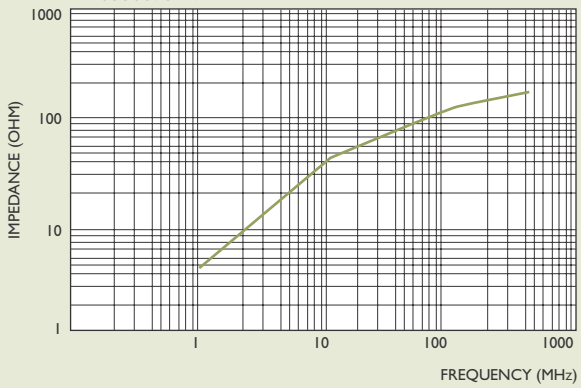


RH035060S-Y7

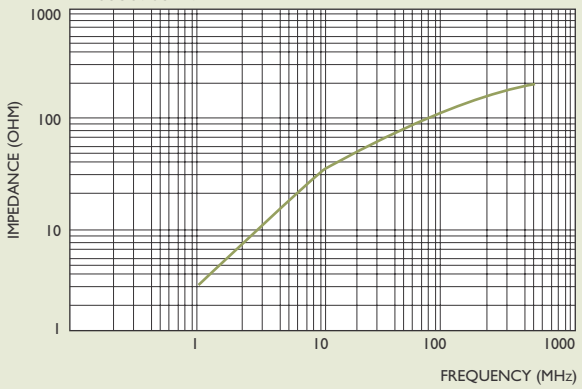


EMI SHIELD BEADS (DIP)

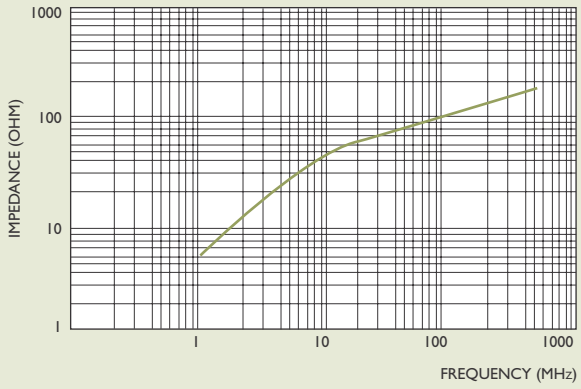
RH035067S-Y7



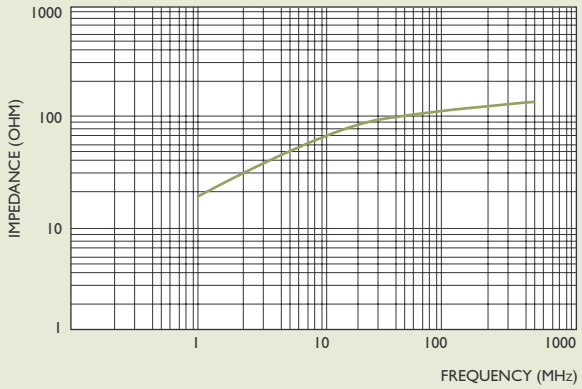
RH035078S-Y7



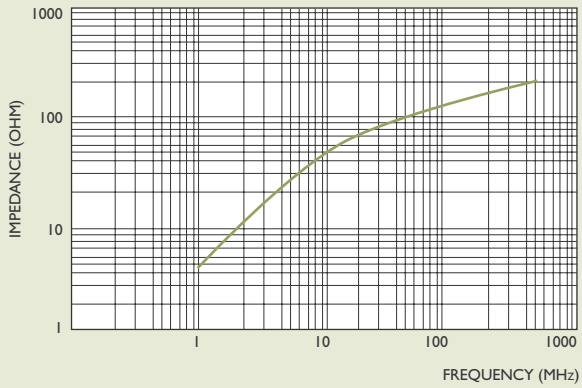
RH035078S-B

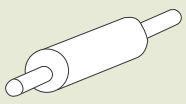


RH035090S-B246



RH035083S-Y7





TEST METER

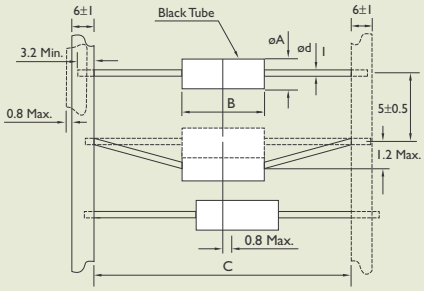
HP 4291A RF Impedance Analyzer
Test Fixture : HP 16092A Spring Clip Fixture
Test Wire : 0.65ø TCW. (L:63mm)
Test Winding : $^{1}/_{2}$ Ts.

PACKING SPECIFICATION

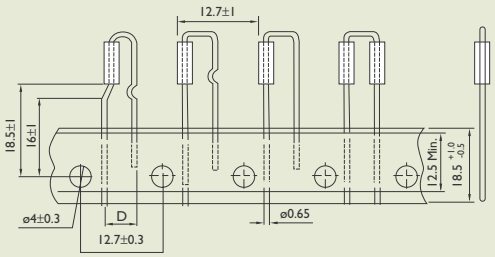
Dimension : mm

Packing Dimension

1. Axial



2. Radial



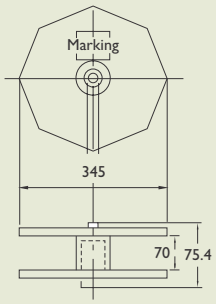
	TAPE	BULK
C	$26.5^{+1.0}_{-0.5}$	63±3
	52.4±1.5	

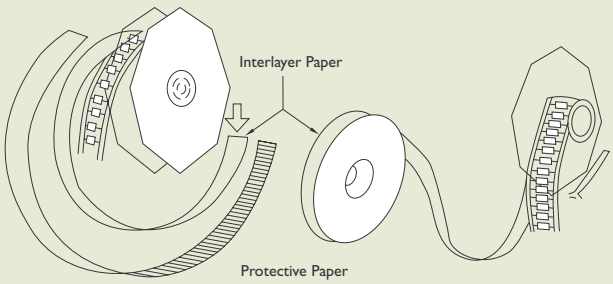
LEAD SPACING	CATEGORY	PACKING STYLE TAPE	BULK
D	Erection	4.8 ~ 5.8	6.35±1
	Pair		5±1

The Size of Packing Case

	CARTON DIMENSION (A x B x C) mm	PACKING QUANTITY PCS
Reel	350 x 430 x 340	20,000
AMMO Typing	260 x 260 x 224	25,000
	380 x 415 x 385	25,000
Bulk	150 x 75 x 85	30,000

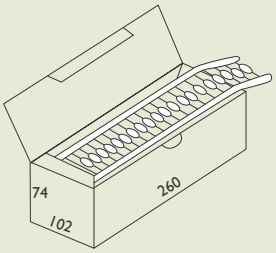
Reel Dimensions (mm)



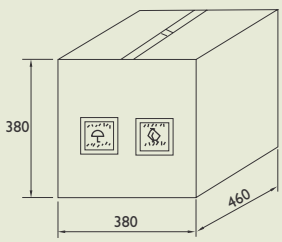


Marking : 1. Product Name 2. Quantity 3. Inspection No.

Ammo-Packing



Carton Dimension



Marking : 1. Product Name 2. Quantity 3. Inspection No.

WIDE BAND CHOKES

R6H R8H Series

BC0610R6H-0.5TS

BC0610R6H-1.5TS X 2

BC0610R6H-3.0TS

PRODUCT IDENTIFICATION

BC 06 10 R6H - Y7 - 2.5

- Ts
- Core Material
- Core Type
- Core Length
- Core OD
- Product Symbol

APPLICATIONS

R6H R8H type cores are used for wide band choke. The impedance is substantially resistive and constant.

Used in PC Boards to Filter The EMI From The Outsides

For Radio and TVs, Small Motor Ignition Devices, Computer Disk Drivers and Communication Equipments, etc.

FEATURES

The chokes consist of rod-type bodies with six or eight axial holes through which wire is threaded to from a 0.5, 1.0, 1.5x2, 2.5, 3or 3.5 turns coil.

MATERIAL

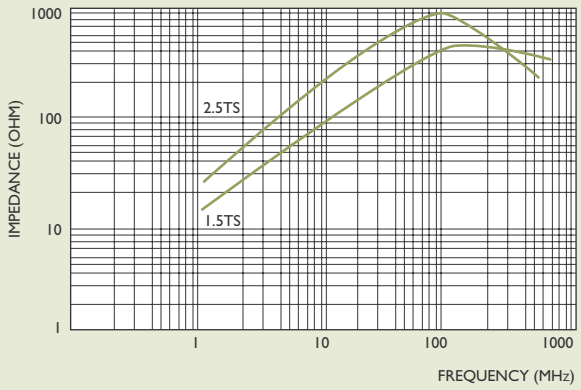
K, Y7, B, B246, B319

ELECTRICAL CHARACTERISTICS

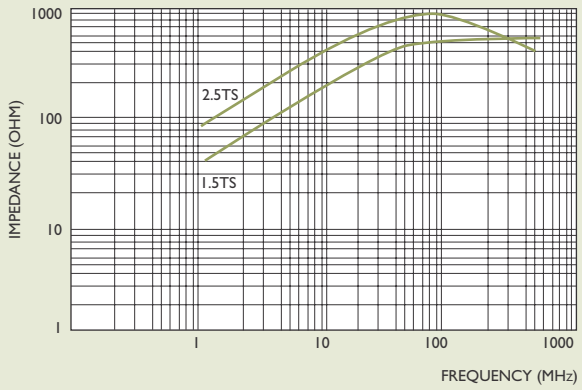
PART NO.	CORE MATERIAL	TURNS	TYPICAL IMPEDANCE (OHM)		
			10 MHz	50 MHz	100 MHz
BC 0610 R6H-	K	0.5	30	98	127
	Y7		58	123	166
	B		68	111	129
	B246		77	119	128
	K	1.0	58	182	233
	Y7		84	231	273
	B		105	170	185
	B246		146	225	240
	K	1.5 or 1.5x2	100	337	440
	Y7		189	460	560
	B		189	400	478
	B246		286	400	461
	K	2.5	214	720	900
	Y7		320	880	1020
	B		397	700	720
	B246		465	820	800
	K	3.0	250	961	1158
	Y7		400	1000	1140
	B		440	440	940
	B246		667	993	880
BC 0510 R8H-	B319	3.5	507	750	710

WIDE BAND CHOKES

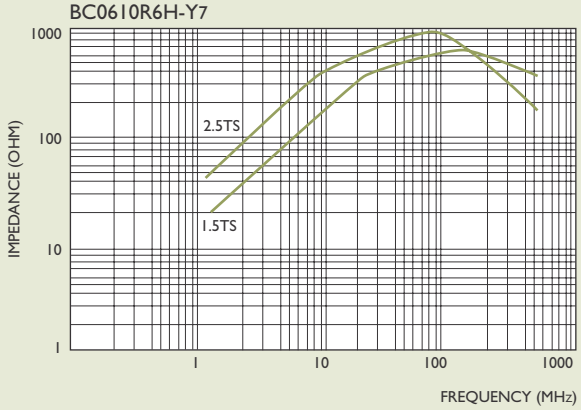
BC0610R6H-K



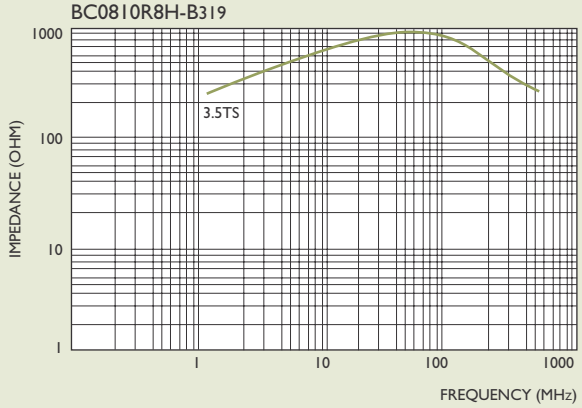
BC0610R6H-B



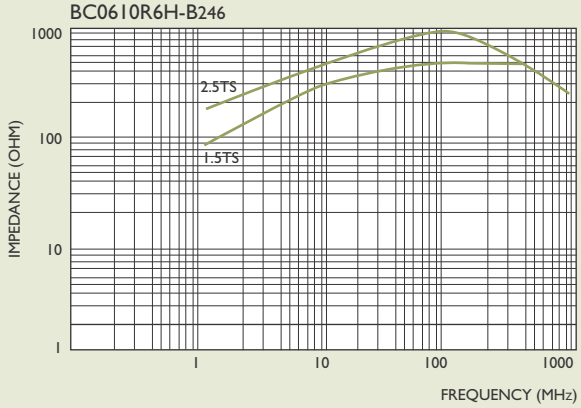
BC0610R6H-Y7



BC0810R8H-B319

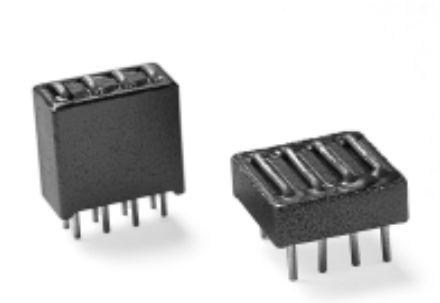


BC0610R6H-B246



EMI PC Beads
BC TYPE

BC TYPE Series



PRODUCT IDENTIFICATION

BC 08 10 F8H - B #□

- Core Height No.
- Material
- Core Type
- B Dim.
- A Dim.
- Product Symbol

APPLICATIONS

The PC beads mainly use in the PC board of personal computers, microcomputers and relative devices to filter the EMI from the outside.

FEATURES

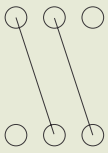
- Compact
- Easy Installation
- High Performance

TEST INSTRUMENT

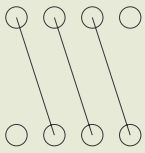
HP 4291A RF Impedance Analyzer

PRINT CIRCUIT BOARD LAYOUT

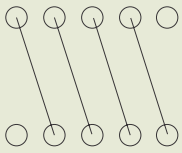
BC0810 SERIES



BC1010 SERIES

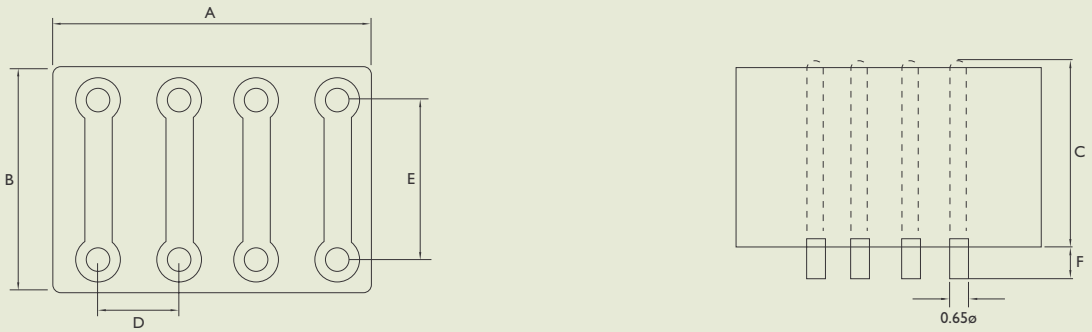


BC1310 SERIES



OUTER DIMENSIONS

Dimensions : mm



DIMENSIONS AND IMPEDANCE

PART NUMBER		LINE	A	B	C	D	E	F	Z (Ω) 25MHz	Z (Ω) 100MHz
BC0810F6H	-B#1	3	8.34±0.25	10.88±0.25	5.19^{+0}	2.54±0.1	7.62±0.1	2.3^{-0}	75	100
	-B#2				6.46^{+0}				100	140
	-B#3				7.73^{+0}				130	170
	-B#4				9.00^{+0}				140	200
	-B#5				9.47^{+0}				150	220
	-B#6				11.54^{+0}				175	270
BC1010F8H	-B#1	4	10.88±0.25	10.88±0.25	5.19^{+0}	2.54±0.1	7.62±0.1	2.3^{-0}	75	100
	-B#2				6.46^{+0}				100	140
	-B#3				7.73^{+0}				130	170
	-B#4				9.00^{+0}				140	200
	-B#5				9.47^{+0}				150	220
	-B#6				11.54^{+0}				175	270
BC1310F10H	-B#1	5	13.42±0.25	10.88±0.25	5.19^{+0}	2.54±0.1	7.62±0.1	2.3^{-0}	75	100
	-B#2				6.46^{+0}				100	140
	-B#3				7.73^{+0}				130	170
	-B#4				9.00^{+0}				140	200
	-B#5				9.47^{+0}				150	220
	-B#6				11.54^{+0}				175	270
BC1105F8H-B		4	10.88±0.5	5.49±0.25	12^{+0}	2.54±0.1	2.54±0.1	2.5±0.2	15^{-0} @1MHz	165^{-0} @100MHz

LINE FILTER
BC1207IR TYPE

BC TYPE Series

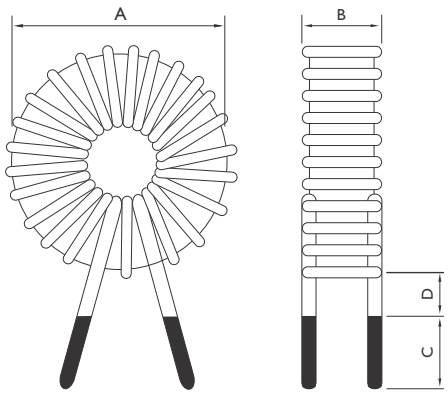
PRODUCT IDENTIFICATION

BC 12 07 IR - 330 - J

- Material
- Inductance : 33μH
- Core Type
- Core HT Dim.
- Core OD Dim.
- Product Symbol

DIMENSIONS

Dimensions : mm



APPLICATIONS

- For Line Filters at the Switching Power Supplies Inlet
- For Equipment Using Thyristor Such as SCR
- Light Adjustment : for Theaters, Studios, Projector and General Households
- Heat Adjustment : for Household Electric Heating Appliances
- Speed Adjustment : for OA Equipment, Copying Machines and Home Appliances

FEATURES

- Compact Size, High Performance, Low Cost
- With Large Current Loads
- Toroidal Shape Core Reduces Coils Roar to an All-Time Low

SPECIFICATIONS

Dimensions : mm

MODEL	DIMENSIONS					TURNS	INDUCTANCE	RDC
	A Max.	B Max.	C Max.	D Max.	WIRE DIA. (mm)		L (μH)	(mΩ)
BC10051R-330-J	12.0	7.0	25.0	3.0	0.4ø	25	33	59
BC11041R-300-J	13.5	7.5	25.0	3.0	0.4ø	25	30	62
BC13051R-330-J	15.5	8.5	25.0	3.0	0.4ø	28	33	71
BC13061R-300-J	17.0	9.5	25.0	3.0	0.6ø	26	30	30
BC15061R-330-J	19.0	10.0	25.0	3.0	0.6ø	24	33	40
BC18061R-390-J	21.0	10.0	25.0	3.0	0.6ø	25	39	33
BC20061R-430-J	25.0	11.0	25.0	3.0	0.8ø	29	43	31
BC23101R-960-J	27.0	13.5	25.0	3.0	0.8ø	30	96	42
BC27111R-121-J	32.0	17.0	25.0	3.0	1.0ø	30	120	37
BC33111R-141-J	40.0	17.0	25.0	3.0	1.0ø	40	140	37

* We can supplied any specification as case by case.

TEST INSTRUMENTS

- L : HP 4263B Digital LCR Meter
- RDC : CHEN HWA502BC

BCC TYPE Series

LINE FILTER
BCC1307RI TYPE

APPLICATIONS

- For Line Filters of Switching Power Supplies
- Countermeasures Against Static Noise at Power Line and Signal Lines
- For TVs, Monitors and Audio Equipments
- For Line Filters of AC Adapters, Battery Chargers, Etc.
- For Sequence Controllers
- For AC Adapters and Battery Chargers With Switching Power Supplies

FEATURES

- Compact Size and Lightweight
- Excellent Frequency Characteristics

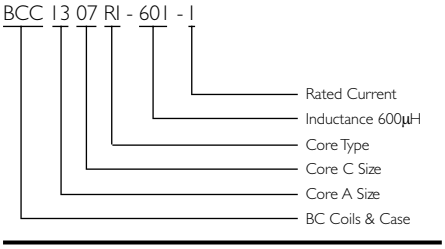
SPECIFICATIONS

MODEL	INDUCTANCE (mH) Min.	RATED CURRENT (A)	DC RESISTANCE (mΩ/Line) Max.	WIRE SIZE (mmø)
BCC1307RI-601-1	0.6	1	60	0.4
BCC1307RI-102-1	1.0	1	70	0.4
BCC1307RI-202-1	2.0	1	100	0.4
BCC1307RI-302-1	3.0	1	120	0.4
BCC1307RI-502-1	5.0	1	150	0.4
BCC1307RI-702-1	7.0	1	200	0.4
BCC1307RI-601-2	0.6	2	50	0.5
BCC1307RI-102-2	1.0	2	60	0.5
BCC1307RI-202-2	2.0	2	70	0.5
BCC1307RI-302-2	3.0	2	85	0.45
BCC1307RI-502-2	5.0	2	95	0.45
BCC1307RI-601-3	0.6	3	30	0.6
BCC1307RI-102-3	1.0	3	35	0.6

* Inductance Measurement Condition : 1KHz HP-4263B

Note : Custome-Made Coils With Different Inductance and Rated Current Available on Request.

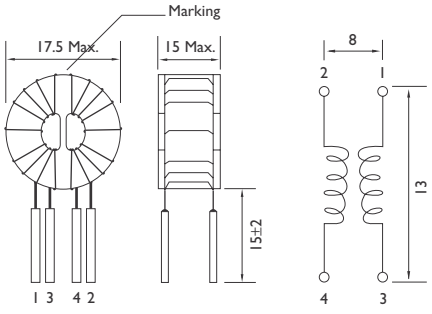
PRODUCT IDENTIFICATION



DIMENSIONS

Dimensions : mm

Mounting Pitch



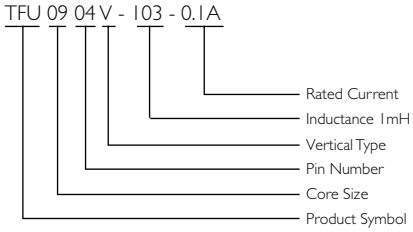
LINE FILTER
TFU TYPE

TFU0904V Series

FEATURES

- Excellen Tattenuation Characteristics at Low Frequencies
- Compact Size, Large Inductance
- Employs UL-Recognized Heat-Resistant Insulation Material

PRODUCT IDENTIFICATION

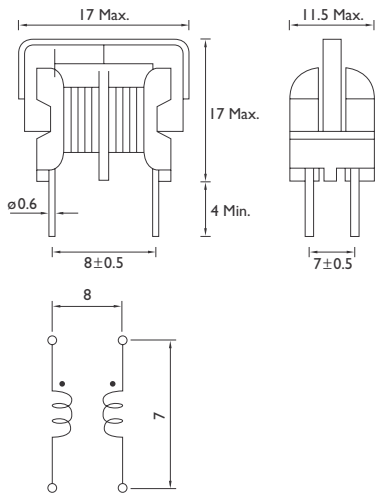


APPLICATIONS

- Prevents Noise emission
- Protects AC side from the affects of switching regulators.
- Provides noise elimination and Immunity for TVs, VTRs/VCRs, audio equipments, etc.

SHAPE AND DIMENSIONS

Dimensions : mm



SPECIFICATIONS

MODEL	INDUCTANCE (mH) Min.	RATED CURRENT (A)	DC RESISTANCE (Ω/Line) Max.
TFU0940V-103-0.1A	10	0.1	8.0
TFU0940V-820-0.2A	8	0.2	6.0
TFU0940V-502-0.3A	5	0.3	3.0
TFU0940V-302-0.5A	2	0.5	1.0
TFU0940V-102-0.7A	1	0.7	0.6
TFU0940V-501-1.0A	0.5	1.0	0.3

* Inductnace Measurement Condition : 1KHz CH1061
* RDC : CHEN HWA502BC
Note : Custom-Made Coils With Different Inductance and Rated Current Available on Request.

TFU1004V Series

LINE FILTER
TFU TYPE

SPECIFICATIONS

Dimensions : mm

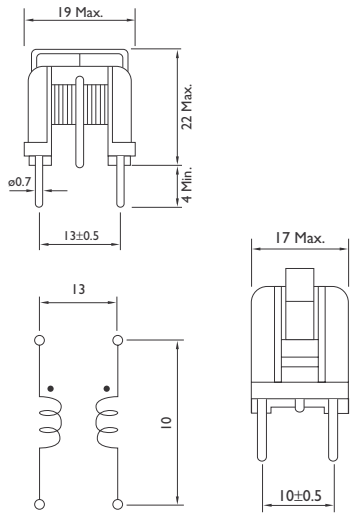
MODEL	INDUCTANCE (mH) Min.	RATED CURRENT (A)	DC RESISTANCE (Ω/Line) Max.
TFU1004V-103-0.3A	10	0.3	3.0
TFU1004V-502-0.3A	5	0.3	2.0
TFU1004V-502-0.5A	5	0.5	1.5
TFU1004V-402-0.7A	4	0.7	1.0
TFU1004V-302-1A	3	1.0	0.5
TFU1004V-202-1A	2	1.0	0.5
TFU1004V-102-1A	1	1.0	0.4
TFU1004V-102-1.3A	1	1.3	0.3
TFU1004V-102-1.5A	1	1.5	0.2
TFU1004V-601-2A	0.6	2.0	0.15

* Inductnace Measurement Condition : 1KHz CH1061

* RDC : CHEN HWA502BC

SHAPE AND DIMENSIONS

Dimensions : mm



LINE FILTER
TFU TYPE

TFU1604V Series

SPECIFICATIONS

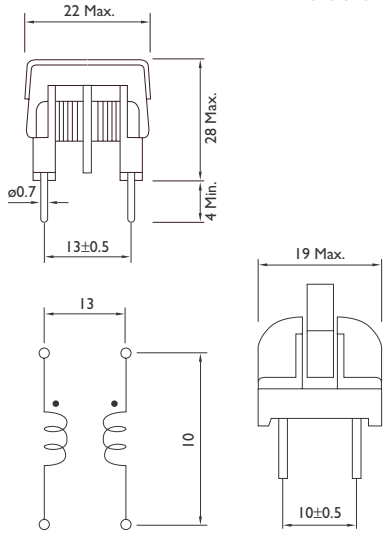
MODEL	INDUCTANCE (mH) Min.	RATED CURRENT (A)	DC RESISTANCE (Ω/Line) Max.
TFU1604V-303-0.4A	30	0.4	2.8
TFU1604V-203-0.5A	20	0.5	1.6
TFU1604V-103-0.6A	10	0.6	1.2
TFU1604V-802-0.8A	8	0.8	0.8
TFU1604V-602-1A	6	1.0	0.5
TFU1604V-402-1A	4	1.0	0.4
TFU1604V-352-1.2A	3.5	1.2	0.3
TFU1604V-152-1.5A	1.5	1.5	0.15

* Inductance Measurement Condition : 1KHz CH1061

* RDC : CHEN HWA502BC

SHAPE AND DIMENSIONS

Dimensions : mm



BCB TYPE Series

DATA LINE FILTER
BCB0401RI TYPE

APPLICATIONS

EMI Countermeasures at Signal Lines of Personal Computers, Microcomputer, Peripheral Devices, Etc.

Countermeasures Against Common-Mode Noise at Composite Video Signals

FEATURES

- Compact Size
- High Performance
- Low cost
- Enable Common-Mode Noise Suppression Without Influence Video Signal

PACKING

(A) BULK (B) Ammunition Packaging

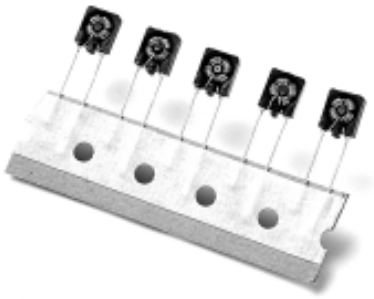
1. QTY PER AMMO : 2000PCS
2. AMMO Size : 334 x 245 x 45 mm
3. Carton Size : 540 x 350 x 275 mm
4. QTY Carton : 20000PCS

SPECIFICATIONS

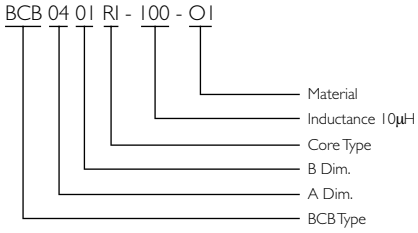
MODEL	RATED * CURRENT (mA)	INDUCTANCE (μH)	IMPEDANCE (Ω Min.) @100MHz
BCB0401RI-4R7-01	500	4.7±50%	280
BCB0401RI-8R2-01	500	8.2±50%	420
BCB0401RI-100-01	500	10±50%	520
BCB0401RI-220-01	500	22±35%	1050
BCB0401RI-330-01	500	33±35%	1680
BCB0401RI-390-01	500	39±35%	1960
BCB0401RI-560-01	500	56±35%	2590

MODEL	DC RESISTANCE Max. (mΩ)	INSULATION ** VOLTAGE (VDC)	Min. INSULATION *** RESISTANCE (mΩ)
BCB0401RI-4R7-01	21	200	10
BCB0401RI-8R2-01	25	200	10
BCB0401RI-100-01	26	200	10
BCB0401RI-220-01	35	200	10
BCB0401RI-330-01	42	200	10
BCB0401RI-390-01	62	200	10
BCB0401RI-560-01	85	200	10

* Not Insuring for Inductance ** One minute, Line to Case *** 100VDC, Line to Case

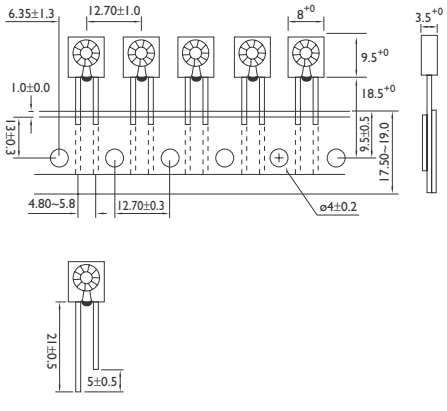


PRODUCT IDENTIFICATION



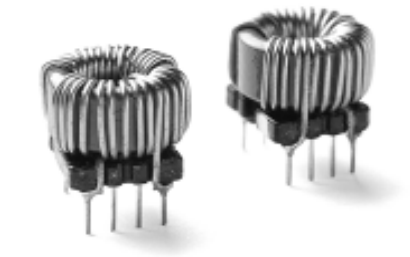
OUTER DIMENSIONS

Dimensions : mm



DATA LINE FILTER
BCB TYPE

BCB TYPE Series



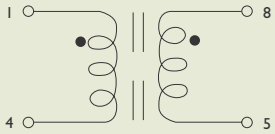
PRODUCT IDENTIFICATION

BCB 13 06 RI - 221 - B3

- Material
- Inductance 220μH
- Core Type
- B Dim.
- A Dim.
- BCB Type

CIRCUIT

Test : 1-4, 5-8



SPECIFICATIONS

MODEL	INDUCTANCE L (μH) @ 1KHz	RDC (mΩ)
BCB1306RI-221-B3	220±30%	25^{+0}

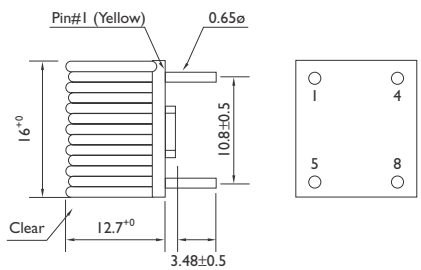
TEST INSTRUMENTS

L : HP 4261A Digital LCR Meter

RDC : Digital Multimeter SC-7401

DIMENSIONS

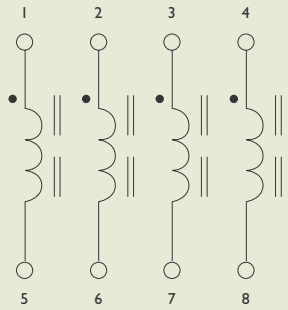
Dimensions : mm

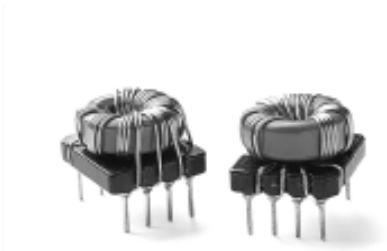


BCB TYPE Series

DATA LINE FILTER
BCB TYPE

CIRCUIT





SPECIFICATIONS

MODEL	INDUCTANCE L (μH) @ 100KHz	LEAKAGE INDUCTANCE (μH) @1KHz
BCB1104RI-330-B3	25 ~ 50	1^{+0}
Test Instruments	HP4192A LF Impedance Analyzer	HP4261A Digital LCR Meter
MODEL	**RDC (Ω)**	**Interwinding Capacitance (pF)**
BCB1104RI-330-B3	0.07^{+0}	30^{+0}
Test Instruments	Digital Multimeter SC-7401	HP4261A Digital LCR Meter

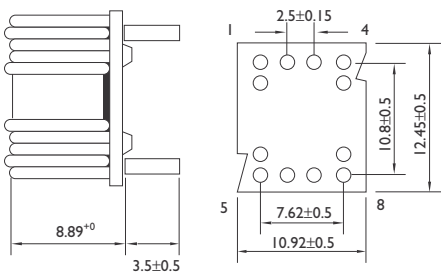
* HI-POT : 1000Vdc for 1 Second Hipot Winding to Winding
1000Vdc for 1 Second Hipot Winding to Core

TEST INSTRUMENTS

GPI-5000

DIMENSIONS

Dimensions : mm



DATA LINE FILTER
BCB TYPE

BCB TYPE Series

PRODUCT IDENTIFICATION

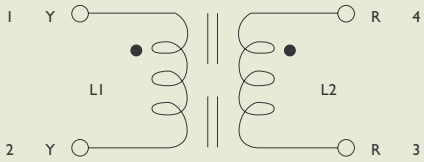
BCB 13 05 RI - 152 - MJ

- Material
- Inductance 1.5mH
- Core Type
- B Dim.
- A Dim.
- BCB Type

CIRCUIT

IS Start

Test : L1 & L2



SPECIFICATIONS

MODEL	INDUCTANCE L (mH) @ 1KHz	RDC (Ω)	HI-POT (V) [AC&DC]
BCB1305RI-152-MJ	1.5^{-0}	0.11^{+0}	650

TEST INSTRUMENTS

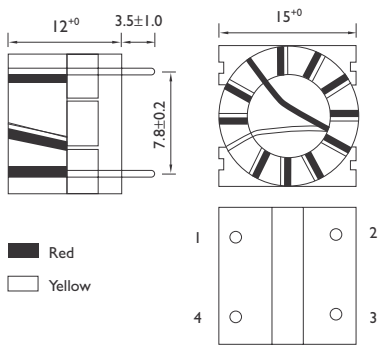
L : HP 4261A Digital LCR Meter

RDC : Digital Multimeter SC-7401

HI-POT : GPI-5000

DIMENSIONS

Dimensions : mm



BCC TYPE Series

DATA LINE FILTER
BCC0403RI TYPE

APPLICATIONS

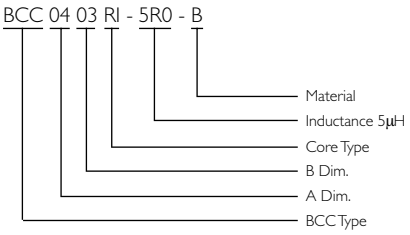
EMI Countermeasures at Signal Lines of Personal Computers, Microcomputers, Peripheral Device, Etc.

Countermeasures Against Common-Mode Noise at Composite Video Signals

FEATURES

- Compact Size
- High Performance
- Low Cost
- Enable Common-Mode Noise Suppression Without Influence Video Signals

PRODUCT IDENTIFICATION



SPECIFICATIONS

MODEL	INDUCTANCE L (μH) @ 1KHz	RDC (mΩ)
BCC0403RI-5R0-B	5^{-0}	60^{+0}
BCC0403RI-800-B	80± 35%	55^{+0}

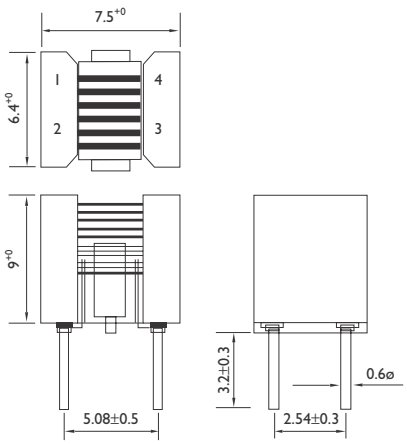
TEST INSTRUMENTS

L : HP 4261A Digital LCR Meter

RDC : Digital Multimeter SC-7401

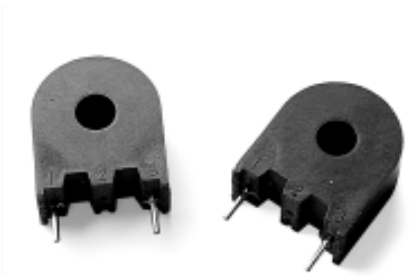
DIMENSIONS

Dimensions : mm



CURRENT SENSE INDUCTOR
BCC1307RI TYPE

BCC TYPE Series



PRODUCT IDENTIFICATION

BCC 13 07 RI - 203 - HF

- HF — Material
- 203 — Inductance 20mH
- RI — Core Type
- 07 — B Dim.
- 13 — A Dim.
- BCC — BCC Type

APPLICATIONS

Designed for Switching Power Supply Application

FEATURES

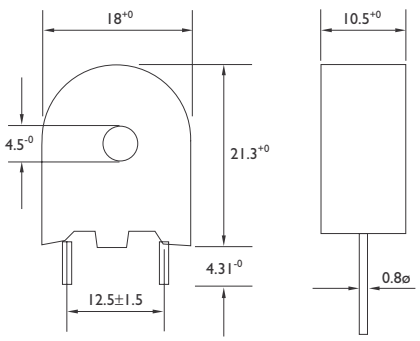
Sturdy Construction

SPECIFICATIONS

MODEL	INDUCTANCE L (mH) @ 1KHz	RDC (Ω)
BCC1307RI-203-HF	20^{-0}	1.4^{+0}
BCC1307RI-803-HF	80^{-0}	4.5^{+0}

DIMENSIONS

Dimensions : mm



TEST INSTRUMENTS

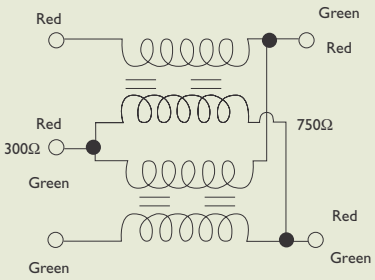
L : HP 4261A Digital LCR Meter

RDC : Digital Multimeter SC-7401

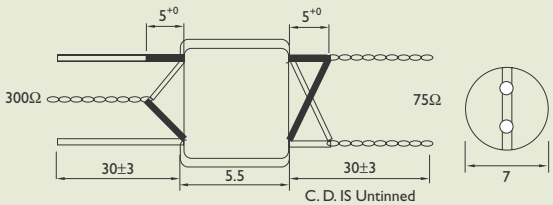
RHH TYPE Series

BALUN COIL

CIRCUIT



OUTER DIMENSIONS



Uew Green
Uew Red

Electrical Character :
Input Impedance : 300Ω
Output Impedance : 75Ω
Insertion Loss : 1.5db Max.
(40MHz~220MHz)
V.S.W.R. : 2.0 Max.
(40MHz~220MHz)

PRODUCT IDENTIFICATION

BC 07 055 RHH - A

- Material
- Core Type
- B Dim.
- A Dim.
- Balun Transformer

BALUN COIL

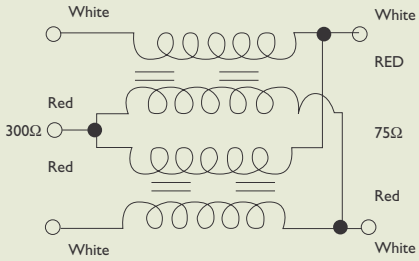
RID TYPE Series

PRODUCT IDENTIFICATION

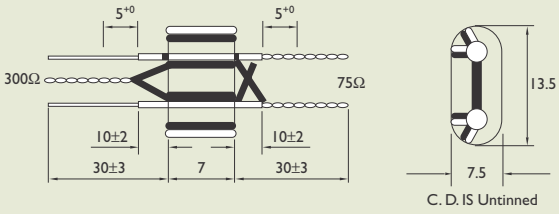
BC 075 07 RID - A

- Material
- Core Type
- B Dim.
- A Dim.
- Balun Transformer

CIRCUIT



OUTER DIMENSIONS



Electrical Character :
Input Impedance : 300Ω
Output Impedance : 75Ω
Insertion Loss : 1.5db Max.
(40MHz~220MHz)
V.S.W.R. : 2.0 Max.
(40MHz~220MHz)