

3-PIN DRUM INDUCTOR

LCHB0608-3W-A SERIES

FEATURES:

- Tiny vertical through-hole structure
- Single core with center-tap winding
- Low cost & light weight
- Stable inductance at normal temp
- Simple insulated packaging

COMMON APPLICATIONS:

- Piezo buzzer boost drive
- Small LED boost circuits
- Mini DC-DC converters
- Consumer device signal filtering
- Electronic toy sound modules

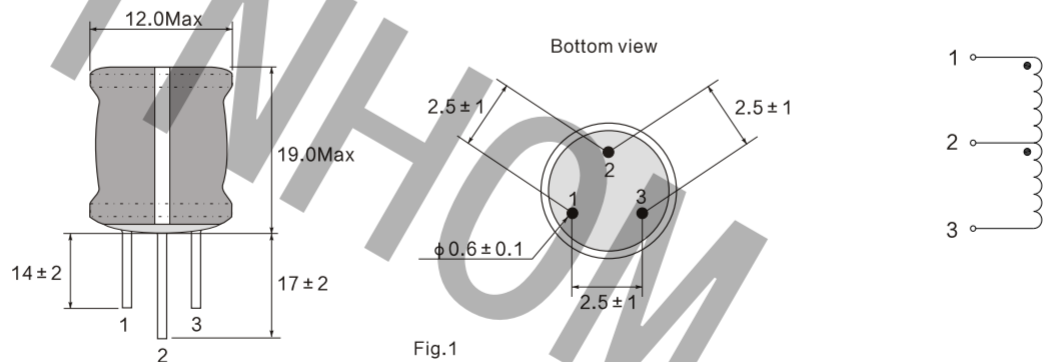


ELECTRICAL CHARACTERISTICS:

Part No. LCHB0608-3W	L(mH) $\pm 10\%$		DCR(Ω)Max		N1 : N2		Drawing
	Pin1--2	Pin2--3	Pin1--2	Pin2--3	Pin1--2	Pin2--3	
-182K-803K-A1	1.8	80	41	400	1	7	Fig1
-731K-673K-A1	0.73	67	13	360	1	10	Fig1
-182K-803K-A1	1.8	80	20	450	1	7.1	Fig1
-200K-501K-A1	0.02	0.5	0.5	3	1	5.1	Fig1
-400K-201K-A1	0.04	0.2	0.3	0.95	1	2.4	Fig1
-192K-833K-A1	1.9	83	21	450	1	7	Fig1
-102K-643K-A1	1	64	32	270	1	8.2	Fig1
-122K-623K-A1	1.2	62	25	290	1	7.6	Fig1
-102K-112K-A1	1	1.1	7.8	11	1	1.1	Fig1
-250K-801K-A1	0.025	0.8	0.5	3.7	1	5.8	Fig1
-172K-803K-A1	1.7	80	43	420	1	7.1	Fig1
-133K-203K-A1	13	20	132	217	1	1.3	Fig1
-102K-104K-A1	1	100	35	500	1	10.4	Fig1
-172K-773K-A1	1.7	77	43	420	1	7.1	Fig1
-811K-260K-A1	0.81	0.026	6	0.25	5.3	1	Fig1
-202N-703N-A1	2	70	50	380	1	6.2	Fig1
-300M-931K-A1	0.03	0.93	0.6	5	1	6	Fig1
-401K-144K-A1	0.04	1.4	9	460	1	18.4	Fig1
-601K-903K-A1	0.6	90	6.5	380	1	12.7	Fig1
-732K-903K-A1	7.3	90	100	360	1	2.5	Fig1
-271K-330K-A1	0.27	0.033	1.1	0.05	2.8	1	Fig1
-332K-114K-A1	3.3	110	53	484	1	6.1	Fig1
-751K-250K-A1	0.75	0.025	2.3	0.65	5.4	1	Fig1

TECHNICAL INFORMATION & PHYSICAL CHARACTERISTICS:

Dimension: mm



- Operating temperature: -40°C to $+105^{\circ}\text{C}$
- Storage Temperature: -40°C to $+105^{\circ}\text{C}$
- Resistance to soldering heat: 260°C for 10 seconds
- Solvent resistance: Conforms to MIL-STD-202E

Note: All specifications subject to change without notice.

3-PIN DRUM INDUCTOR LCHB0608-3W-B SERIES

FEATURES:

- Tiny vertical through-hole structure
- Single core with center-tap winding
- Low cost & light weight
- Stable inductance at normal temp
- Simple insulated packaging

COMMON APPLICATIONS:

- Piezo buzzer boost drive
- Small LED boost circuits
- Mini DC-DC converters
- Consumer device signal filtering
- Electronic toy sound modules

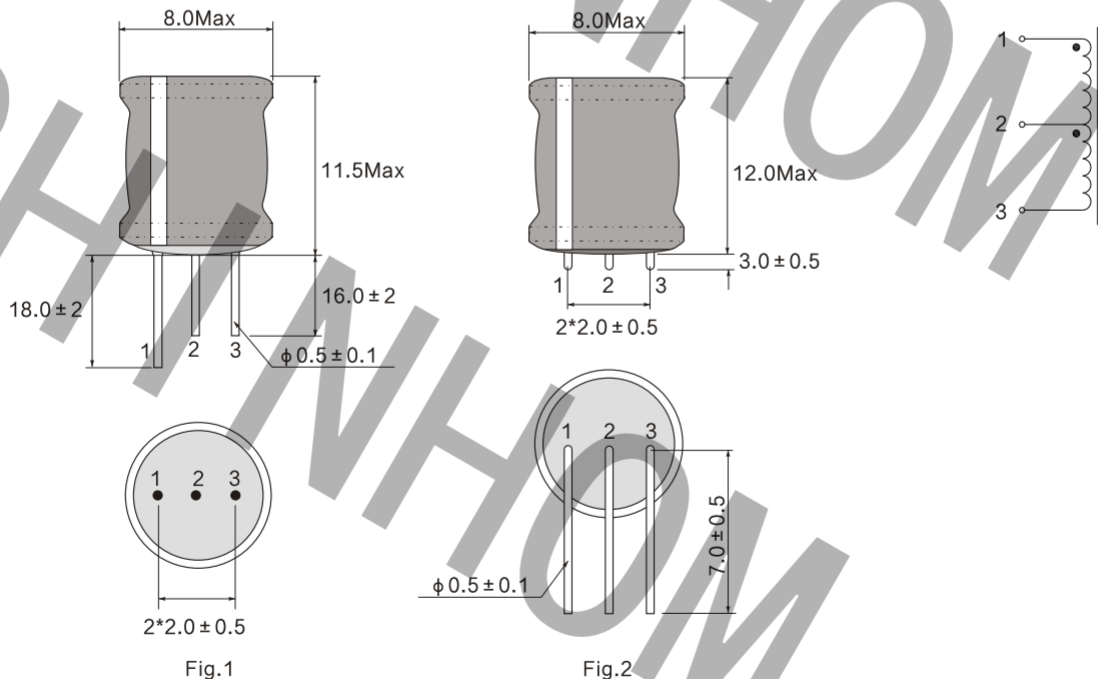


ELECTRICAL CHARACTERISTICS:

Part No. LCHB0608-3W	L(mH) $\pm 10\%$		DCR(Ω)Max		N1 : N2		Drawing
	Pin1--2	Pin2--3	Pin1--2	Pin2--3	Pin1--2	Pin2--3	
-172K-773K-B1	1.7	77	20	420	1	7	Fig1
-361K-483K-B2	0.36	48	2.5	250	1	12.1	Fig2
-122K-893K-B2	1.2	89	19	470	1	8.9	Fig2
-122K-893K-B2	1.2	89	19	470	1	8.9	Fig2
-192K-833K-B1	1.9	83	24	450	1	7	Fig1
-132K-703K-B2	1.3	70	20	410	1	7.8	Fig2
-172K-773K-B2	1.7	77	20	420	1	7	Fig2
-112K-883K-B2	1.1	88	9.6	480	1	9.4	Fig2

TECHNICAL INFORMATION & PHYSICAL CHARACTERISTICS:

Dimension: mm



- Operating temperature: -40°C to $+105^{\circ}\text{C}$
- Storage Temperature: -40°C to $+105^{\circ}\text{C}$
- Resistance to soldering heat: 260°C for 10 seconds
- Solvent resistance: Conforms to MIL-STD-202E

Note: All specifications subject to change without notice.

3-PIN DRUM INDUCTOR LCHB0810-3W-A SERIES

FEATURES:

- Tiny vertical through-hole structure
- Single core with center-tap winding
- Low cost & light weight
- Stable inductance at normal temp
- Simple insulated packaging

COMMON APPLICATIONS:

- Piezo buzzer boost drive
- Small LED boost circuits
- Mini DC-DC converters
- Consumer device signal filtering
- Electronic toy sound modules

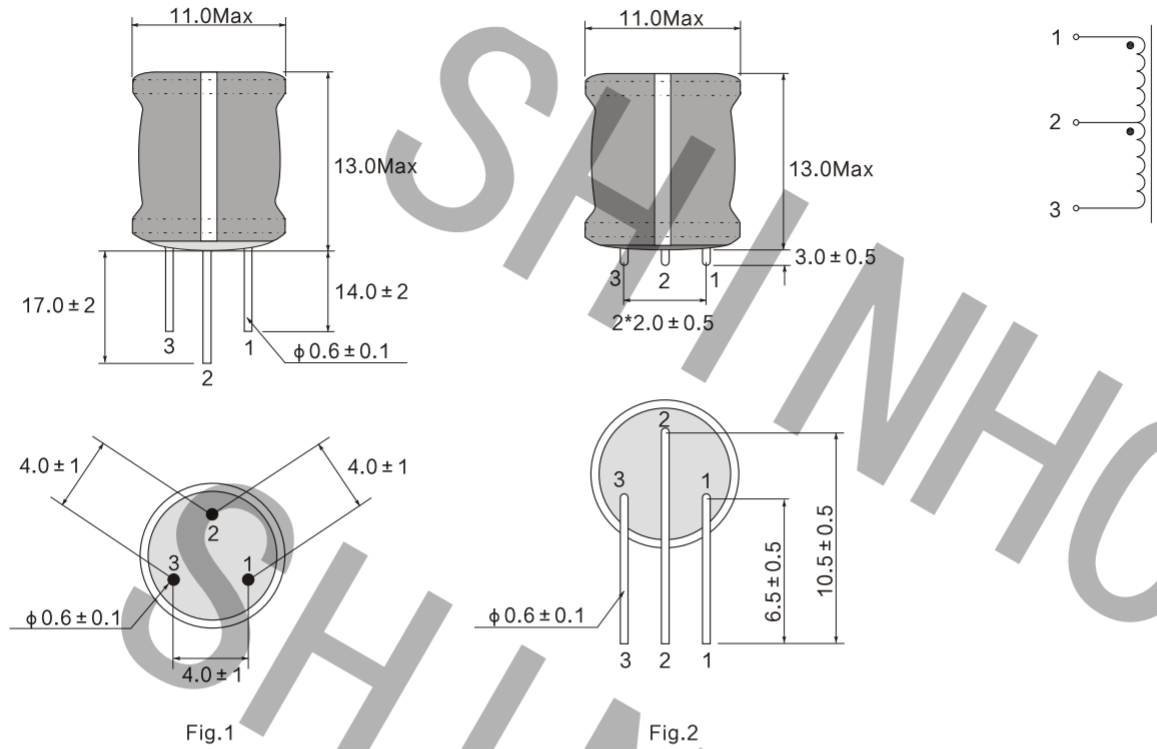


ELECTRICAL CHARACTERISTICS:

Part No. LCHB0810-3W	L(mH) $\pm 10\%$		DCR(Ω)Max		N1 : N2		Drawing
	Pin1--2	Pin2--3	Pin1--2	Pin2--3	Pin1--2	Pin2--3	
-122K-633K-A1	1.2	63	7	190	1	7.6	Fig1
-192K-503K-A1	1.9	50	16	120	1	5.4	Fig1
-103K-153K-A1	10	15	30	59	1	1.3	Fig1
-202K-124K-A1	2	120	22	270	1	8.2	Fig1
-722K-213K-A1	7.2	21	36	83	1	1.8	Fig1
-913K-212K-A2	91	2.1	260	20	6.29	1	Fig2
-102K-603K-A1	1	60	7	160	1	8.1	Fig1
-102K-603K-A2	1	60	7	160	1	8.1	Fig2
-182K-703K-A1	1.8	70	21	190	1	6.4	Fig1
-182K-703K-A2	1.8	70	21	190	1	6.4	Fig2
-632K-223K-A1	6.3	22	32	75	1	1.9	Fig1
-632K-223K-A2	6.3	22	32	75	1	1.9	Fig2
-432K-223K-A1	4.3	22	21	68	1	2.4	Fig1
-670L-272K-A1	0.067	2.7	0.8	6	1	6.7	Fig1
-192K-503K-A1	1.9	50	12	175	1	5.4	Fig1
-232K-443K-A1	2.3	44	7.4	208	1	3.5	Fig1
-352K-823K-A2	3.5	82	18	240	1	5.1	Fig2
-103K-114K-A1	10	110	53	275	1	3.5	Fig1
-332K-883K-A1	3.3	88	31.4	230	1	5.3	Fig1
-501K-453K-A1	0.5	45	3	170	1	10	Fig1
-122K-653K-A1	1.2	65	20	180	1	7.6	Fig1
-751K-104K-A1	0.75	100	16	270	1	12.5	Fig1
-132K-114K-A1	1.3	110	6.5	380	1	9.7	Fig1
-202K-104K-A1	2	110	28	250	1	7.4	Fig1
-322K-203K-A2	3.2	20	21	70	1	2.6	Fig2
-142K-703K-A1	1.4	70	23	190	1	7.4	Fig1
-142K-104K-A1	1.4	100	15.7	208.4	1	9.2	Fig1
-450K-453K-A1	0.045	45	1.8	90	1	33.7	Fig1
-222K-723K-A2	2.2	72	21	170	1	6.1	Fig2

TECHNICAL INFORMATION & PHYSICAL CHARACTERISTICS:

Dimension: mm



- Operating temperature: -40°C to +105°C
 - Storage Temperature: -40°C to +105°C
 - Resistance to soldering heat: 260°C for 10 seconds
 - Solvent resistance: Conforms to MIL-STD-202E
- Note: All specifications subject to change without notice.

3-PIN DRUM INDUCTOR LCHB0810-3W-B SERIES

FEATURES:

- Tiny vertical through-hole structure
- Single core with center-tap winding
- Low cost & light weight
- Stable inductance at normal temp
- Simple insulated packaging

COMMON APPLICATIONS:

- Piezo buzzer boost drive
- Small LED boost circuits
- Mini DC-DC converters
- Consumer device signal filtering
- Electronic toy sound modules



ELECTRICAL CHARACTERISTICS:

Part No. LCHB0810-3W	L(mH) $\pm 10\%$		DCR(Ω)Max		N1 : N2		Drawing
	Pin1--2	Pin2--3	Pin1--2	Pin2--3	Pin1--2	Pin2--3	
-102K-983K-B2	1	98	17	245	1	10.2	Fig2
-142K-124K-B2	1.4	120	4.5	440	1	10.1	Fig2
-102K-983K-B2	1	98	11.8	220	1	10.2	Fig2
-371K-893K-B2	0.37	89	9.6	220	1	16.3	Fig2
-142K-833K-B2	1.4	83	7.6	340	1	8	Fig2
-751K-643K-B1	0.75	64	11	150	1	9.7	Fig1
-202K-703K-B1	2	70	17	140	1	5.2	Fig1
-122K-183K-B1	1.2	18	8.5	48	1	4.1	Fig1
-751K-643K-B2	0.75	64	11	150	1	9.7	Fig2

TECHNICAL INFORMATION & PHYSICAL CHARACTERISTICS:

Dimension: mm

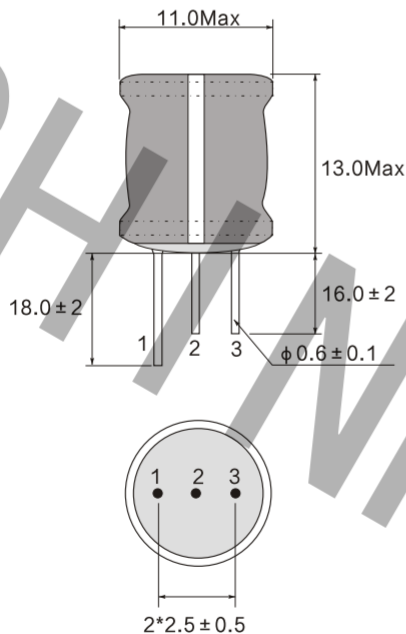


Fig.1

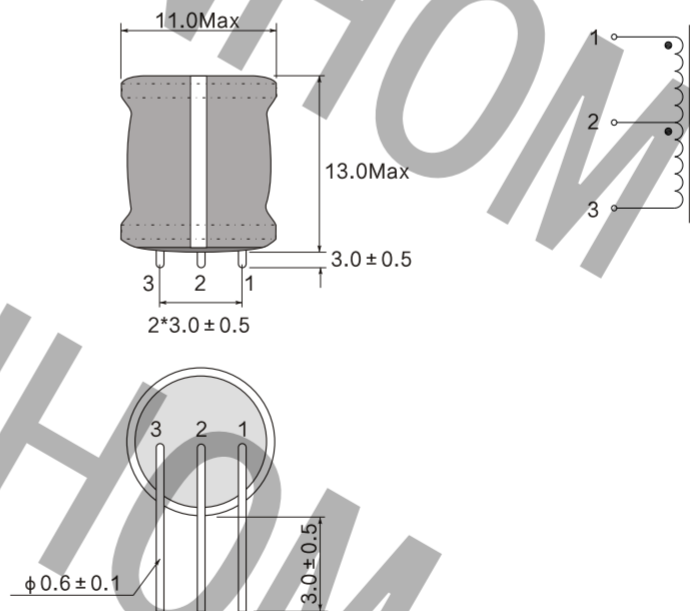


Fig.2

- Operating temperature: -40°C to $+105^{\circ}\text{C}$
- Storage Temperature: -40°C to $+105^{\circ}\text{C}$
- Resistance to soldering heat: 260°C for 10 seconds
- Solvent resistance: Conforms to MIL-STD-202E

Note: All specifications subject to change without notice.

3-PIN DRUM INDUCTOR LCHB0810-3W-C SERIES

FEATURES:

- Tiny vertical through-hole structure
- Single core with center-tap winding
- Low cost & light weight
- Stable inductance at normal temp
- Simple insulated packaging

COMMON APPLICATIONS:

- Piezo buzzer boost drive
- Small LED boost circuits
- Mini DC-DC converters
- Consumer device signal filtering
- Electronic toy sound modules



ELECTRICAL CHARACTERISTICS:

Part No. LCHB0810-3W	L(mH) $\pm 10\%$		DCR(Ω)Max		N1 : N2		Drawing
	Pin1--2	Pin2--3	Pin1--2	Pin2--3	Pin1--2	Pin2--3	
-213K-153K-C2	21	15	80	85	1.1	1	Fig2
-432K-223K-C1	4.3	22	19	70	1	2.4	Fig1
-432K-113K-C2	4.3	11	17	40	1	1.7	Fig2
-751K-104K-C1	0.75	105	7	230	1	12.5	Fig1
-432K-223K-C2	4.3	22	19	70	1	1.7	Fig2
-213K-153K-C1	21	15	80	85	1.1	1	Fig1
-122K-653K-C1	1.2	65	17	180	1	7.7	Fig1
-652K-503K-C1	6.5	50	26	90	1	1.9	Fig1
-202K-703K-C1	20	70	14	125	1	5.5	Fig1

TECHNICAL INFORMATION & PHYSICAL CHARACTERISTICS:

Dimmension: mm

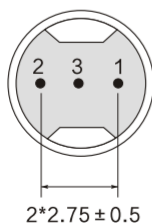
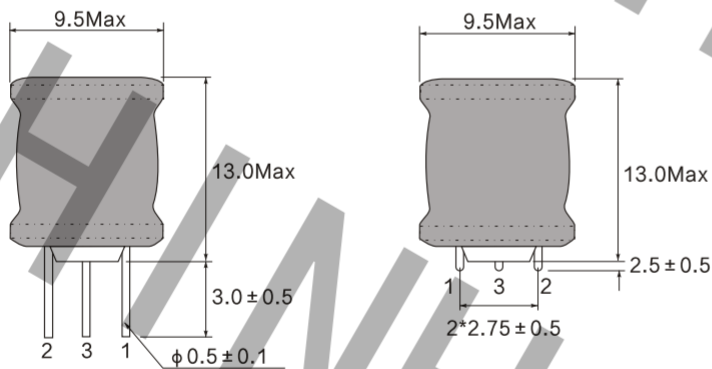


Fig.1

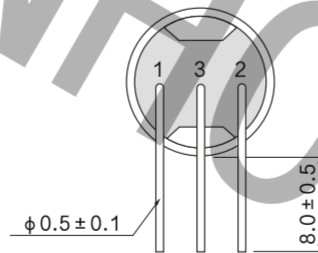


Fig.2

- Operating temperature: -40°C to $+105^{\circ}\text{C}$
- Storage Temperature: -40°C to $+105^{\circ}\text{C}$
- Resistance to soldering heat: 260°C for 10 seconds
- Solvent resistance: Conforms to MIL-STD-202E

Note: All specifications subject to change without notice.

3-PIN DRUM INDUCTOR LCHB0912-3W-A SERIES

FEATURES:

- Tiny vertical through-hole structure
- Single core with center-tap winding
- Low cost & light weight
- Stable inductance at normal temp
- Simple insulated packaging

COMMON APPLICATIONS:

- Piezo buzzer boost drive
- Small LED boost circuits
- Mini DC-DC converters
- Consumer device signal filtering
- Electronic toy sound modules



ELECTRICAL CHARACTERISTICS:

Part No. LCHB0912-3W	L(mH) $\pm 10\%$		DCR(Ω)Max		N1 : N2		Drawing
	Pin1--2	Pin2--3	Pin1--2	Pin2--3	Pin1--2	Pin2--3	
-342K-144K-A1	3.4	140	20	237	1	6.9	Fig1
-401K-204K-A1	0.4	200	1.9	400	1	23.3	Fig1
-602K-203K-A2	6	20	21	55	1	1.9	Fig2
-212K-903K-A1	2.1	90.3	120	145	1	6.9	Fig1
-232K-443K-A1	2.3	44	6.8	72	1	3.5	Fig1
-332K-383K-A1	3.3	38	14	61	1	2.5	Fig1
-622K-233K-A1	6.2	23	18	53	1	2.1	Fig1
-232K-273K-A1	2.3	27	6.6	70	1	3.5	Fig1
-222K-903K-A1	2.2	90	14	145	1	7.1	Fig1
-182K-703K-A2	1.8	70	110	130	1	6.5	Fig2
-123K-833K-A1	12	83	52	195	1	2.7	Fig1
-121K-793K-A1	0.12	79	0.6	160	1	26.3	Fig1
-502K-154K-A1	5	150	35	250	1	5.8	Fig1
-382K-363K-A1	3.8	36	20	87	1	3.2	Fig1
-601K-104K-A1	0.6	100	9	160	1	13.6	Fig1
-612K-243K-A1	6.1	24.5	15	64	1	2.1	Fig1
-602K-203K-A1	6	20	30	80	1	1.9	Fig1
-292K-273K-A1	2.9	27	16	70	1	3.2	Fig1

TECHNICAL INFORMATION & PHYSICAL CHARACTERISTICS:

Dimmension: mm

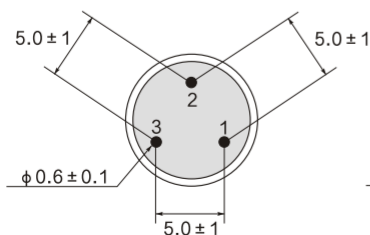
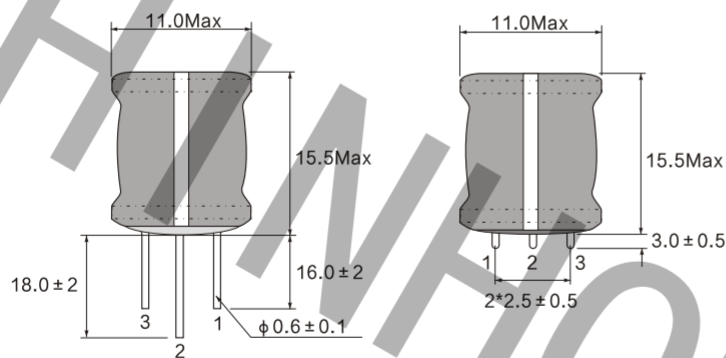


Fig.1

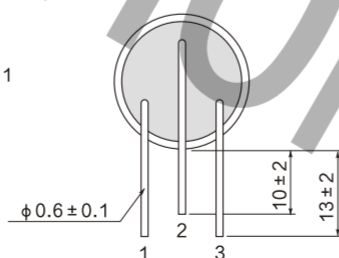
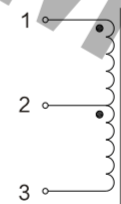


Fig.2



- Operating temperature: -40°C to $+105^{\circ}\text{C}$
 - Storage Temperature: -40°C to $+105^{\circ}\text{C}$
 - Resistance to soldering heat: 260°C for 10 seconds
 - Solvent resistance: Conforms to MIL-STD-202E
- Note: All specifications subject to change without notice.

3-PIN DRUM INDUCTOR LCHB0912-3W-B SERIES

FEATURES:

- Tiny vertical through-hole structure
- Single core with center-tap winding
- Low cost & light weight
- Stable inductance at normal temp
- Simple insulated packaging

COMMON APPLICATIONS:

- Piezo buzzer boost drive
- Small LED boost circuits
- Mini DC-DC converters
- Consumer device signal filtering
- Electronic toy sound modules



ELECTRICAL CHARACTERISTICS:

Part No. LCHB0912-3W	L(mH) $\pm 10\%$		DCR(Ω)Max		N1 : N2		Drawing
	Pin1--2	Pin2--3	Pin1--2	Pin2--3	Pin1--2	Pin2--3	
-222K-273K-B2	2.2	27	7.0	69	1	3.6	Fig2
-142K-144K-B1	1.4	145	5.5	460	1	10.6	Fig1

TECHNICAL INFORMATION & PHYSICAL CHARACTERISTICS:

Dimension: mm

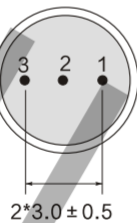
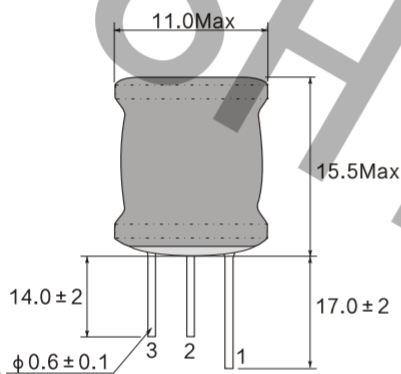


Fig.1

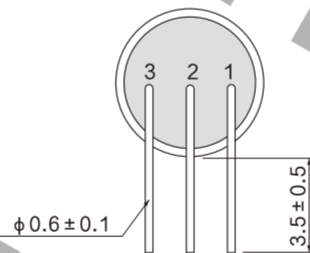
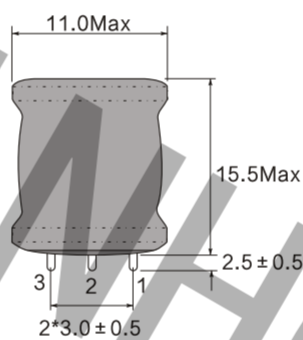
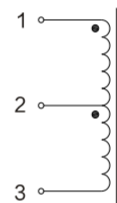


Fig.2



- Operating temperature: -40°C to $+105^{\circ}\text{C}$
- Storage Temperature: -40°C to $+105^{\circ}\text{C}$
- Resistance to soldering heat: 260°C for 10 seconds
- Solvent resistance: Conforms to MIL-STD-202E

Note: All specifications subject to change without notice.

3-PIN DRUM INDUCTOR LCHB0912-3W-C SERIES

FEATURES:

- Tiny vertical through-hole structure
- Single core with center-tap winding
- Low cost & light weight
- Stable inductance at normal temp
- Simple insulated packaging

COMMON APPLICATIONS:

- Piezo buzzer boost drive
- Small LED boost circuits
- Mini DC-DC converters
- Consumer device signal filtering
- Electronic toy sound modules

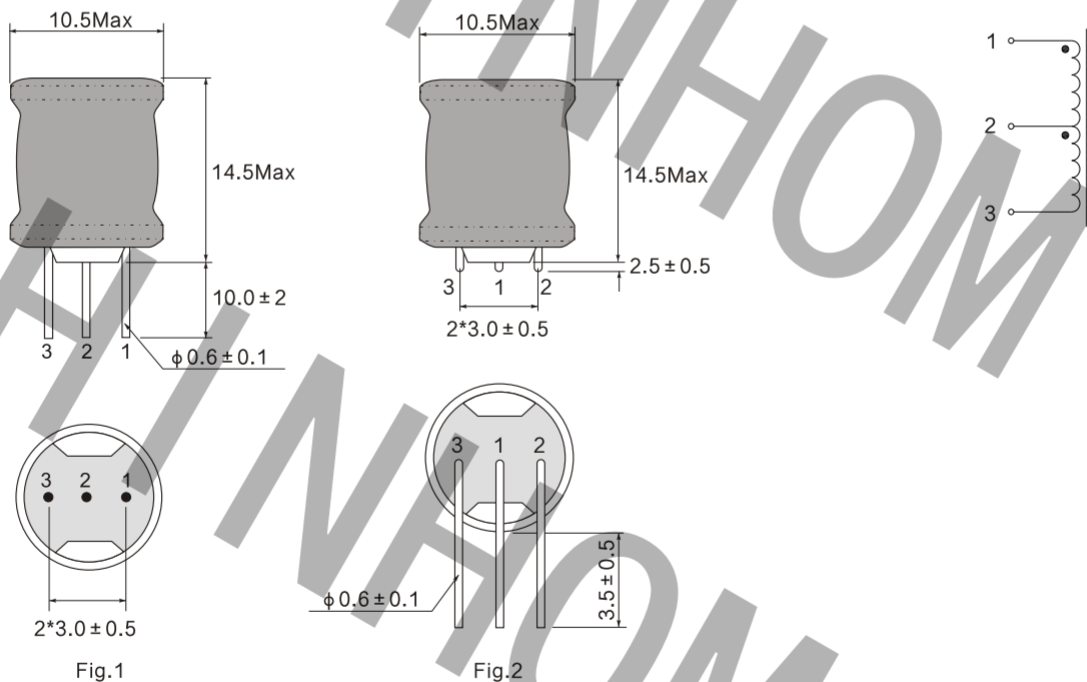


ELECTRICAL CHARACTERISTICS:

Part No. LCHB0912-3W	L(mH) $\pm 10\%$		DCR(Ω)Max		N1 : N2		Drawing
	Pin1--2	Pin2--3	Pin1--2	Pin2--3	Pin1--2	Pin2--3	
-322K-383K-C2	3.2	38	14	61	1	2.47	Fig2
-122K-853K-C2	1.2	85	10	125	1	8.79	Fig2
-212K-903K-C1	2.1	90	14	150	1	6.9	Fig1
-652K-273K-C2	6.5	27.5	20	60	1	0.47	Fig2
-302K-383K-C2	3	38	12	47	1	2.48	Fig2
-213K-103K-C1	21	10	32	65	1.42	1	Fig1

TECHNICAL INFORMATION & PHYSICAL CHARACTERISTICS:

Dimension: mm



- Operating temperature: -40°C to $+105^{\circ}\text{C}$
- Storage Temperature: -40°C to $+105^{\circ}\text{C}$
- Resistance to soldering heat: 260°C for 10 seconds
- Solvent resistance: Conforms to MIL-STD-202E

Note: All specifications subject to change without notice.

3-PIN DRUM INDUCTOR LCHB1016-3W-A SERIES

FEATURES:

- Tiny vertical through-hole structure
- Single core with center-tap winding
- Low cost & light weight
- Stable inductance at normal temp
- Simple insulated packaging

COMMON APPLICATIONS:

- Piezo buzzer boost drive
- Small LED boost circuits
- Mini DC-DC converters
- Consumer device signal filtering
- Electronic toy sound modules



ELECTRICAL CHARACTERISTICS:

Part No. LCHB1016-3W	L(mH) $\pm 10\%$		DCR(Ω)Max		N1 : N2		Drawing
	Pin1--2	Pin2--3	Pin1--2	Pin2--3	Pin1--2	Pin2--3	
-471K-873K-A1	0.47	87	2.8	147	1	14	Fig1
-202K-903K-A1	2	90	10	92	1	7.2	Fig1
-252K-133K-A1	2.5	13	25	200	1	7.7	Fig1
-892K-164K-A1	8.9	160	33	200	1	4.5	Fig1
-142K-144K-A1	1.4	140	4	180	1	10.1	Fig1

TECHNICAL INFORMATION & PHYSICAL CHARACTERISTICS:

Dimension: mm

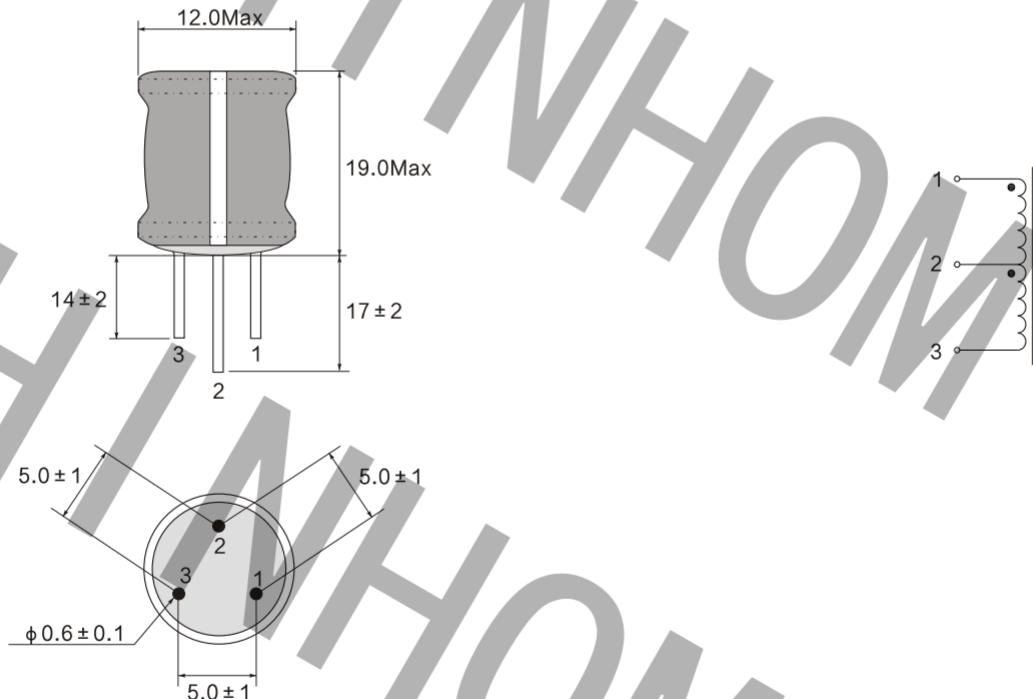


Fig.1

- Operating temperature: -40°C to $+105^{\circ}\text{C}$
- Storage Temperature: -40°C to $+105^{\circ}\text{C}$
- Resistance to soldering heat: 260°C for 10 seconds
- Solvent resistance: Conforms to MIL-STD-202E

Note: All specifications subject to change without notice.