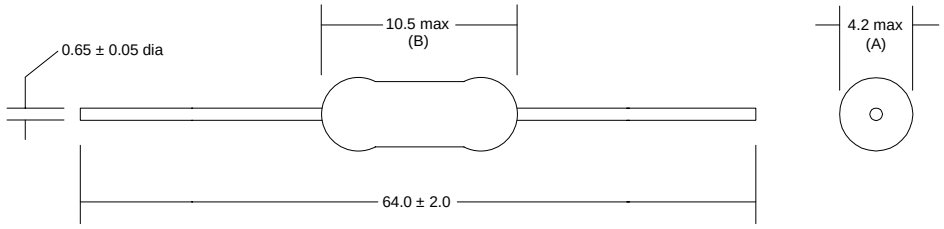
Axial Conformal Coated Inductor **(LACC-1741 Series)**

CALIBER ELECTRONICS INC.
specifications subject to change * revision 3-2003

Dimensions



(Not to scale)

Dimensions in mm

Part Numbering Guide

LACC - 1741 - R10 K - T

Dimensions
A, B, (inch conversion)

Inductance Code

Packaging Style
B=Bulk
T=Tape & Reel
F=Flat Pack

Tolerance
J=5%, K=10%, M=20%

Features

Inductance Range	0.1 µH to 1000 µH
Tolerance	5%, 10%, 20%
Operating Temperature	-20°C to +80°C
Construction	Conformal Coated
Dielectric Strength	250 Volts RMS

Electrical Specifications

L Code	L (µH)	Q Min	Test Freq (MHz)	SRF Min (MHz)	RDC Max (Ohms)	IDC Max (mA)	L Code	L (uH)	Q Min	Test Freq (MHz)	SRF Min (MHz)	RDC Max (Ohms)	IDC Max (mA)
R10	0.10	45	25.2	300	0.10	1400	120	12.0	50	2.52	19	0.63	480
R12	0.12	45	25.2	300	0.10	1400	150	15.0	50	2.52	17	0.72	460
R15	0.15	45	25.2	300	0.10	1400	180	18.0	50	2.52	13	0.77	430
R18	0.18	45	25.2	300	0.10	1400	220	22.0	55	2.52	9.6	0.84	410
R22	0.22	45	25.2	300	0.10	1400	270	27.0	55	2.52	7.2	0.94	390
R27	0.27	45	25.2	270	0.11	1320	330	33.0	55	2.52	6.3	1.03	370
R33	0.33	45	25.2	250	0.12	1280	390	39.0	50	2.52	6.3	1.12	350
R39	0.39	45	25.2	230	0.13	1200	470	47.0	45	2.52	6.3	1.22	340
R47	0.47	45	25.2	220	0.14	1150	560	56.0	40	2.52	6.2	7.34	320
R56	0.56	45	25.2	200	0.15	1100	680	68.0	40	2.52	5.7	1.47	305
R68	0.68	45	25.2	190	0.16	1030	820	82.0	35	2.52	5.3	1.62	290
R82	0.82	45	25.2	172	0.17	980	101	100	30	2.52	4.8	1.80	275
1R0	1.00	45	7.96	157	0.19	920	121	120	55	0.796	3.8	3.70	185
1R2	1.20	50	7.96	144	0.21	880	151	150	45	0.796	3.5	4.20	175
1R5	1.50	50	7.96	131	0.23	830	181	180	50	0.796	3.3	4.60	165
1R8	1.80	50	7.96	121	0.25	790	221	220	55	0.796	3.0	5.10	155
2R2	2.20	50	7.96	110	0.28	750	271	270	65	0.796	2.8	5.80	145
2R7	2.70	60	7.96	100	0.30	720	331	330	65	0.796	2.6	6.40	137
3R3	3.30	65	7.96	94	0.34	670	391	390	65	0.796	2.4	7.00	133
3R9	3.90	65	7.96	65	0.37	640	471	470	60	0.796	2.25	7.70	126
4R7	4.70	70	7.96	56	0.39	620	561	560	60	0.796	2.1	8.50	120
5R6	5.60	70	7.96	48	0.43	590	681	680	55	0.796	1.95	9.40	113
6R8	6.80	75	7.96	37	0.48	550	821	820	55	0.796	1.85	10.5	105
8R2	8.20	80	7.96	25	0.52	530	102	1000	50	0.796	1.4	14.0	100
100	10.0	65	7.96	21	0.58	500							

Specifications subject to change without notice. Rev. 10/00