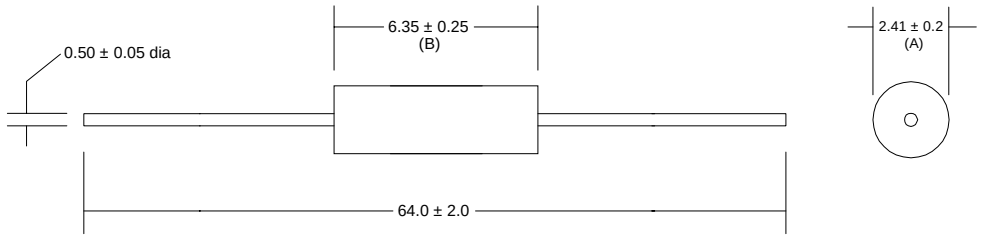
Axial Molded Inductor **(LAM-1025 Series)**

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

Dimensions



(Not to scale)

Dimensions in mm

Part Numbering Guide

LAM - 1025 - 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	Unshielded Molded Epoxy
Core Material (0.10 µH to 1.00 µH)	Phenolic
Core Material (1.20 µH to 1000 µH)	Ferrite
Dielectric Strength	1000 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 (µH)	Q Min	Test Freq (MHz)	SRF Min (MHz)	RDC Max (Ohms)	IDC Max (mA)
R10	0.10	40	25.2	680	0.08	1350	120	12.0	45	2.52	40	2.70	155
R12	0.12	40	25.2	640	0.09	1270	150	15.0	40	2.52	30	2.80	150
R15	0.15	38	25.2	600	0.10	1200	180	18.0	50	2.52	30	3.10	145
R18	0.18	35	25.2	550	0.12	1105	220	22.0	50	2.52	25	3.30	140
R22	0.22	33	25.2	510	0.14	1025	270	27.0	50	2.52	20	3.50	135
R27	0.27	33	25.2	430	0.16	960	330	33.0	45	2.52	24	3.40	130
R33	0.33	30	25.2	410	0.22	815	390	39.0	45	2.52	22	3.60	125
R39	0.39	30	25.2	365	0.30	700	470	47.0	45	2.52	20	4.50	110
R47	0.47	30	25.2	330	0.35	650	560	56.0	45	2.52	18	5.70	100
R56	0.56	30	25.2	300	0.50	545	680	68.0	50	2.52	15	6.70	92
R68	0.68	28	25.2	275	0.60	495	820	82.0	50	2.52	14	7.30	88
R82	0.82	28	25.2	250	0.85	415	101	100	50	2.52	13	8.00	81
1R0	1.00	25	25.2	230	1.00	385	121	120	30	0.796	12	13	66
1R2	1.20	25	7.96	150	0.18	590	151	150	30	0.796	11	15	61
1R5	1.50	28	7.96	140	0.22	535	181	180	30	0.796	10	17	57
1R8	1.80	30	7.96	125	0.30	455	221	220	30	0.796	9	31	62
2R2	2.20	30	7.96	115	0.40	395	271	270	30	0.796	8	25	47
2R7	2.70	37	7.96	100	0.55	355	331	330	30	0.796	7	28	45
3R3	3.30	45	7.96	90	0.85	270	391	390	30	0.796	6.5	35	40
3R9	3.90	45	7.96	80	1.00	250	471	470	30	0.796	6	42	36
4R7	4.70	45	7.96	75	1.20	230	561	560	30	0.796	5	46	35
5R6	5.60	50	7.96	65	1.80	185	681	680	30	0.796	4	60	30
6R8	6.80	50	7.96	60	2.00	175	821	820	30	0.796	3.8	65	29
8R2	8.20	55	7.96	55	2.70	155	102	1000	30	0.796	3.4	72	28
100	10.0	55	7.96	50	3.70	130							

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

TEL *949-366-8700* **FAX** *949-366-8707* **WEB** *www.caliberelectronics.com*