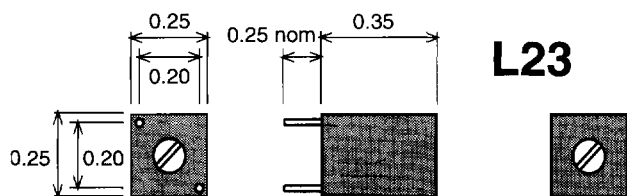




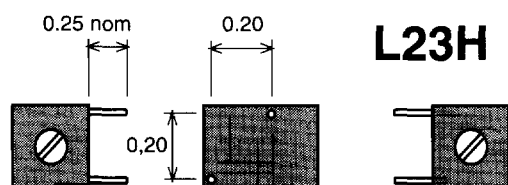
Miniature Variable Inductor

65 nHy to 100 μ Hy

L23



Standard small footprint vertical adjust version



Optional low profile horizontal adjust version

For vertical mount use **L23** prefix.
For horizontal mount use **L23H** prefix.

The L23 series are miniature, unshielded, variable inductors developed for microwave and telecommunications applications. These extremely small variable inductors offer the design engineer a precise and cost effective solution for applications which might otherwise require a custom product. Epoxy construction makes the L23 series ideal for harsh environments. Over 60 standard models cover a wide range of inductance values from 65 nHy to 100 μ Hy. The inductance is adjustable over a minimum range $\pm 15\%$ from nominal.

FEATURES: •Small size •Rugged epoxy construction •Small footprint (vertical L23) •Low profile (horizontal L23H) •Economical
APPLICATIONS: •Telecommunications •Microwave

All specifications subject to change without notice.

Part Number	Inductance (μ Hy nom)	Q (min)	Frequency (MHz)	SR Frequency (MHz min)	DCR (Ω max)	Color code (case)
L23-065	0.065	65	70	500	0.02	Green
L23-R10	0.10	85	70	500	0.02	Green
L23-R12	0.12	100	70	500	0.04	Green
L23-R15	0.15	100	70	500	0.04	Green
L23-R20	0.20	100	70	500	0.04	Green
L23-R22	0.22	100	70	500	0.04	Green
L23-R24	0.24	100	70	500	0.04	Green
L23-R27	0.27	100	70	500	0.04	Green
L23-R33	0.33	100	70	334	0.04	Green
L23-R47	0.47	100	70	285	0.05	Green

Excellence in Magnetics

TelCal

Corporation

9108 Mayflower Ave., El Paso, Tx 79925 Fax: 915-593-3702

Phone: 915-593-1413

TEC05008

Miniature Variable Inductor

65 nHy to 100 uHy

L23



Part Number	Inductance (uHy nom)	Q (min)	Frequency (MHz)	SR Frequency (MHz min)	DCR (Ω max)	Color code (case)
L23-R68	0.68	100	70	237	0.020	Green
L23-R75	0.75	90	70	220	0.020	Green
L23-R85	0.85	90	70	210	0.020	Green
L23-1R0	1.0	90	70	207	0.020	Green
L23-1R5	1.5	70	7.9	168	0.020	Yellow
L23-2R2	2.2	73	7.9	135	0.020	Yellow
L23-2R7	2.7	75	7.9	120	0.020	Yellow
L23-3R3	3.3	80	7.9	112	0.020	Yellow
L23-4R7	4.7	75	7.9	100	0.020	Yellow
L23-6R8	6.8	80	7.9	80	0.020	Yellow
L23-7R5	7.5	81	7.9	70	0.020	Yellow
L23-100	10	82	2.5	67	0.020	Orange
L23-150	15	65	2.5	54	0.020	Orange
L23-220	22	55	2.5	17	0.020	Orange
L23-270	27	54	2.5	15	0.020	Orange
L23-330	33	54	2.5	15	0.020	Orange
L23-470	47	51	2.5	13	0.020	Orange
L23-680	68	55	2.5	12	0.020	Orange
L23-750	75	50	2.5	11	0.020	Orange
L23-101	100	50	2.5	10	0.020	Orange

For vertical mount use **L23** prefix.

For horizontal mount use **L23H** prefix.

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