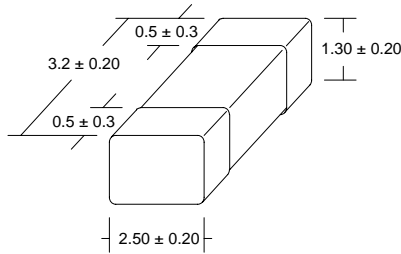


# Surface Mount Multilayer Chip Inductor (LSML-322513 Series)

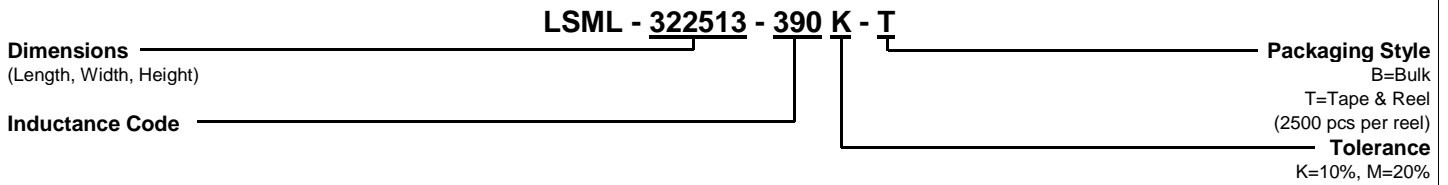
## Dimensions



(Not to scale)

Dimensions in mm

## Part Numbering Guide



## Features

Inductance Range	39 $\mu$ H to 220 $\mu$ H
Tolerance	10%, 20%
Operating Temperature	-25°C to +85°C

## Electrical Specifications

Inductance Code	Inductance ( $\mu$ H)	Available Tolerance	Q Min	LQ Test Freq (MHz)	SRF Min (MHz)	DCR Max (Ohms)	IDC Max (mA)
390	39	K,M	35	0.4	12.5	1.20	5
470	47	K,M	35	0.4	10	1.30	5
560	56	K,M	35	0.4	9.5	1.50	5
680	68	K,M	55	2	9.5	3.10	10
820	82	K,M	55	2	9	3.40	10
101	100	K,M	55	1	8	3.80	10
121	120	K,M	35	0.2	6	2.30	5
151	150	K,M	35	0.2	5.5	2.60	5
181	180	K,M	35	0.2	5	2.80	5
221	220	K,M	35	0.2	5	3.10	5

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

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