

**Key features**

- low dc resistance •
- high allowable dc current •
- compact, low profile •
- 10 $\mu$ H ~ 680 $\mu$ H values •
- taped and reeled •
- suitable for reflow soldering •
- for dc-dc and dc-ac applications •
- excellent reliability •

**SMD Inductors**

**Specification**

**type 3632 series**

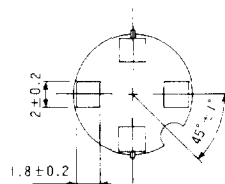
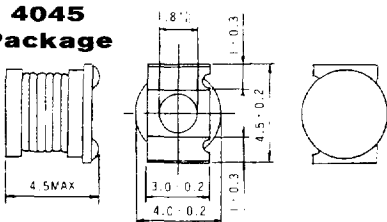
Package Size	Inductance Code	Inductance ( $\mu$ H)	Tolerance ( $\pm$ %)	Q Min	Self -Resonance Freq. (MHz)	Rdc Max $\pm$ 15%	Idc (A) Max
L	100	10.0	10	20	23.5	0.08	1.02
L	150	15.0	10	20	18.5	0.13	0.84
L	220	22.0	10	20	14.0	0.18	0.70
L	330	33.0	10	20	12.0	0.35	0.52
L	470	47.0	10	20	10.5	0.45	0.46
L	680	68.0	10	20	8.0	0.58	0.40
L	101	100.0	10	20	6.3	0.80	0.28
L	151	150.0	10	40	5.2	1.56	0.25
L	221	220.0	10	40	3.9	1.95	0.18
L	331	330.0	10	40	3.0	3.71	0.15
L	471	470.0	10	40	2.7	4.55	0.14
L	681	680.0	10	40	2.2	5.80	0.12
T	100	10.0	20	40	25.0	0.06	1.55
T	150	12.0	10	30	21.0	0.07	1.40
T	220	22.0	10	30	15.0	0.09	1.25
T	330	33.0	10	20	13.5	0.12	1.10
T	470	47.0	10	20	11.5	0.17	0.99
T	680	68.0	10	10	10.0	0.23	0.91
T	101	100.0	10	10	8.0	0.35	0.70
T	151	150.0	10	10	7.0	0.47	0.60
T	221	220.0	10	10	5.0	0.70	0.50
T	331	330.0	10	10	3.3	1.61	0.29
T	471	470.0	10	10	2.8	1.80	0.22
T	681	680.0	10	10	1.2	2.30	0.14

A modern range of high current inductors, designed in low profile packages for a range of industrial applications. Offered in values from 10 $\mu$ H to 680 $\mu$ H with tolerances of  $\pm$ 10% or  $\pm$ 20% as shown and in two popular sizes. These inductors are frequently chosen for new applications in power supplies.

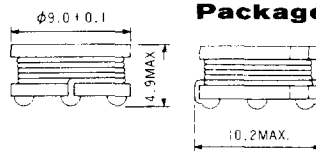
Packaging:  
3632L - 2500 Pieces (15" Reel)  
3632T - 1500 Pieces (15" Reel)

**Dimensions**

**4045 Package**



**9040 Package**



**How to Order**

Common Part	Package Style	Inductance Code	Tolerance	Pack Style
3632	L - 4045 Size T - 9040 Size	See table above for inductance code	K - $\pm$ 10% M - $\pm$ 20%	TE - Tape & Reeled

Please Request Full Data Sheet F0719