



Dimensions in mm.

Notes for LC106S shielded power inductor:
 Inductance tolerance:
 T = ± 30% over the entire inductance range,
 M = ± 20% tolerance available for some values.

Operating Temperature Range: - 40°C ~ + 105°C.
 Isat: Inductance drop = 35% typical.
 Magnetically shielded construction.
 Manufactured to RoHS compliance.

Part number	Inductance [μH, ± 30%]	Test Frequency @ 1.0V	DC Resistance Ohms Max.	Rated Current DC Amps Max.
LC106S-R80T	0.8	100 KHz	0.0043	13.5
LC106S-1R5T	1.5	100 KHz	0.0058	10.5
LC106S-2R2T	2.2	100 KHz	0.0072	9.25
LC106S-3R3T	3.3	100 KHz	0.0104	7.80
LC106S-4R7T	4.7	100 KHz	0.0123	6.40
LC106S-6R8T	6.8	100 KHz	0.018	5.40
LC106S-8R2T	8.2	100 KHz	0.020	4.85
LC106S-100T	10	100 KHz	0.026	4.45
LC106S-120T	12	100 KHz	0.033	4.00
LC106S-150T	15	100 KHz	0.041	3.60
LC106S-180T	18	100 KHz	0.046	3.20
LC106S-220T	22	100 KHz	0.061	2.95
LC106S-270T	27	100 KHz	0.069	2.70
LC106S-330T	33	100 KHz	0.084	2.50
LC106S-390T	39	100 KHz	0.106	2.30
LC106S-470T	47	100 KHz	0.130	2.00
LC106S-560T	56	100 KHz	0.149	1.90
LC106S-680T	68	100 KHz	0.201	1.65
LC106S-820T	82	100 KHz	0.227	1.50
LC106S-101T	100	100 KHz	0.253	1.35
LC106S-121T	120	100 KHz	0.303	1.28
LC106S-151T	150	100 KHz	0.370	1.12
LC106S-181T	180	100 KHz	0.419	1.04
LC106S-221T	220	100 KHz	0.500	0.94
LC106S-271T	270	100 KHz	0.672	0.84
LC106S-331T	330	100 KHz	0.812	0.75
LC106S-391T	390	100 KHz	0.953	0.70
LC106S-471T	470	100 KHz	1.29	0.60
LC106S-561T	560	100 KHz	1.43	0.54
LC106S-681T	680	100 KHz	1.60	0.52
LC106S-821T	820	100 KHz	1.77	0.50
LC106S-102T	1000	100 KHz	1.99	0.48