

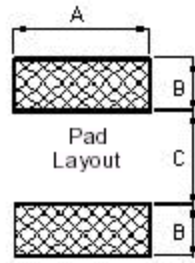
TYPE	A Max.	B Max.	C Max.	D Ref.	E	F	G
LPS1008	3.81	3.81	2.94	2.20	2.54	2.03	0.51

Part Number	Inductance (μ H)	Test Frequency (MHz)	Tolerance (\pm %)	Q Min	Test Frequency (MHz)	SRF Min (MHz)	Rdc Max (Ω)	Idc Max (A)
LPS1008-1R0M	1.0	0.10	20/10	26	1.0	344	0.05	3.00
LPS1008-1R5M	1.5	0.10	20/10	26	1.0	260	0.08	2.80
LPS1008-1R8M	1.8	0.10	20/10	28	1.0	225	0.09	2.10
LPS1008-2R7M	2.7	0.10	20/10	30	1.0	185	0.14	1.50
LPS1008-3R9M	3.9	0.10	20/10	30	1.0	172	0.29	1.20
LPS1008-4R7M	4.7	0.10	20/10	30	1.0	157	0.35	1.10
LPS1008-5R6M	5.6	0.10	20/10	30	1.0	150	0.39	1.10
LPS1008-6R8M	6.8	0.10	20/10	30	1.0	110	0.58	0.90
LPS1008-100M	10	0.10	20/10	30	1.0	95	0.75	0.82
LPS1008-150M	15	0.10	20/10	30	1.0	75	1.15	0.70
LPS1008-220M	22	0.10	20/10	33	1.0	30	1.40	0.65
LPS1008-330M	33	0.10	20/10	33	1.0	21	1.61	0.52
LPS1008-390M	39	0.10	20/10	33	1.0	18	1.85	0.46
LPS1008-470M	47	0.10	20/10	33	1.0	15	2.20	0.43
LPS1008-680M	68	0.10	20/10	33	1.0	12	3.80	0.33
LPS1008-820M	82	0.10	20/10	33	1.0	10	4.30	0.32
LPS1008-101M	100	0.10	20/10	33	1.0	8	4.80	0.31
LPS1008-121M	120	0.10	20/10	33	1.0	8	5.00	0.25
LPS1008-151M	150	0.10	20/10	33	1.0	5.8	6.50	0.24
LPS1008-221M	220	0.10	20/10	33	1.0	5.5	10.00	0.22
LPS1008-331M	330	0.10	20/10	33	1.0	3.8	11.90	0.20
LPS1008-471M	470	0.10	20/10	33	1.0	3.1	16.30	0.16
LPS1008-561M	560	0.10	20/10	33	1.0	2.8	18.40	0.13
LPS1008-681M	680	0.10	20/10	33	1.0	2.5	24.00	0.12
LPS1008-821M	820	0.10	20/10	23	1.0	2	26.00	0.10
LPS1008-102M	1000	0.10	20/10	20	1.0	2	29.20	0.10

Notes:

- Tolerance available in 10%, by replacing p/n M with "K"
- Operating Temp. Range = -25 Deg. C to + 85 Deg. C.
- IDC for Inductance drop 10% from its value without current.
- Manufactured to meet RoHS compliance.

Recommended Pattern.



TYPE	A	B	C
LPS1008	2.54	1.02	1.27