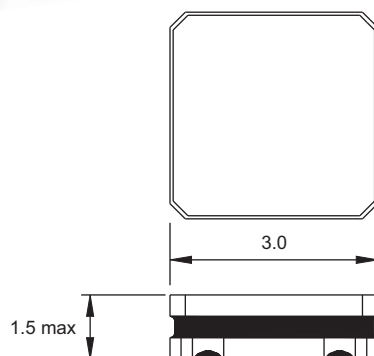
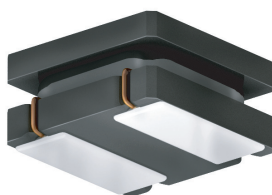
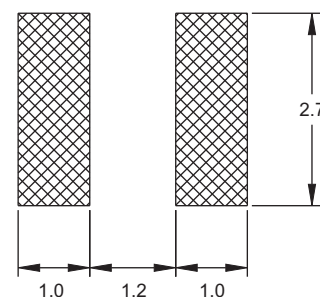
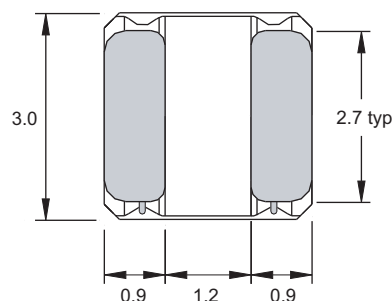
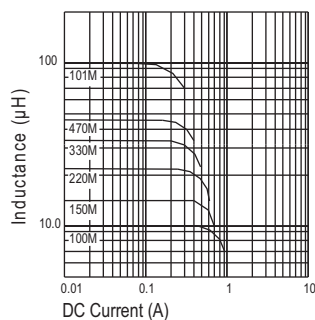


1212 FPS

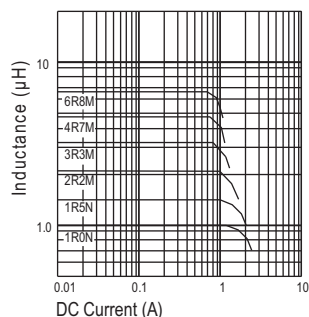
New



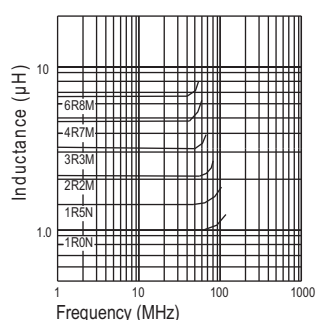
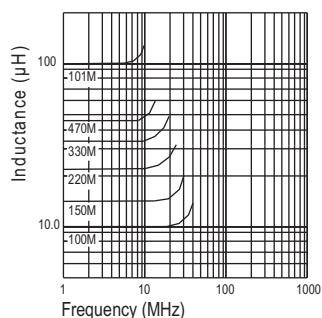
L vs Current



Recommended layout for solder pads



L vs Frequency



Part No	Inductance	f _L	Tol	SRF	DCR (Ω)		Rated DC Current (A)			
	L (μH)	(MHz)	± (%)	min (MHz)	typ	max	I _{sat} typ	I _{sat} max	I _{rms} typ	I _{rms} max
1212FPS-1R0N-01	1.0	1.0	30	145	0.040	0.048	2.35	2.10	2.35	2.10
1212FPS-1R5N-01	1.5	1.0	30	130	0.055	0.066	2.00	1.80	2.10	1.90
1212FPS-2R2X-01	2.2	1.0	20, 30	90	0.060	0.072	1.65	1.48	1.80	1.60
1212FPS-3R3X-01	3.3	1.0	20, 30	75	0.093	0.112	1.40	1.21	1.60	1.45
1212FPS-4R7X-01	4.7	1.0	20, 30	65	0.113	0.136	1.20	1.08	1.40	1.25
1212FPS-6R8X-01	6.8	1.0	20, 30	50	0.176	0.211	1.05	0.90	1.10	0.90
1212FPS-100X-01	10	1.0	20, 30	45	0.234	0.276	0.88	0.75	1.00	0.87
1212FPS-150X-01	15	1.0	20, 30	33	0.352	0.422	0.68	0.58	0.80	0.65
1212FPS-220X-01	22	1.0	20, 30	28	0.510	0.622	0.58	0.47	0.60	0.55
1212FPS-330X-01	33	1.0	20, 30	22	0.799	0.959	0.46	0.39	0.50	0.45
1212FPS-470X-01	47	1.0	20, 30	18	1.172	1.406	0.38	0.32	0.40	0.40
1212FPS-101X-01	100	1.0	20, 30	11	2.433	2.920	0.27	0.23	0.29	0.25

Material : Ferrite

SPQ : Reel 2000 [-01]