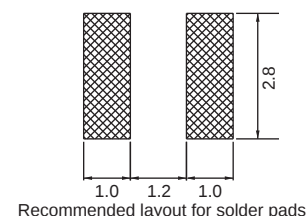
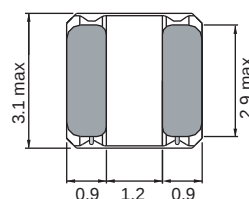
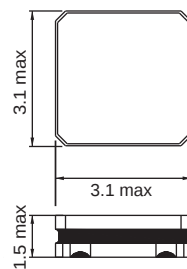
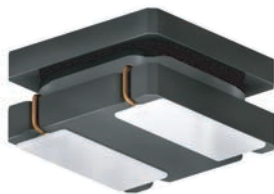


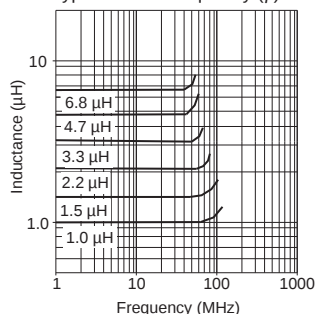
1212 FPS

Shielded

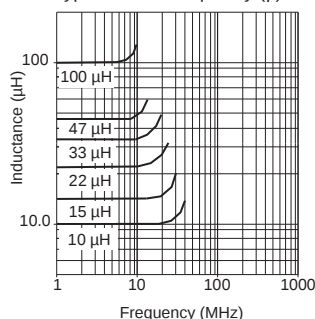


Recommended layout for solder pads

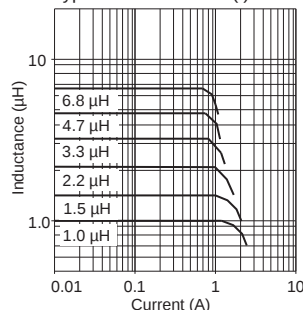
Typical Ls vs Frequency (f)



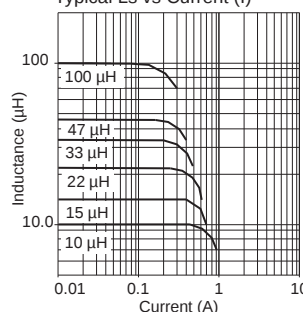
Typical Ls vs Frequency (f)



Typical Ls vs Current (I)



Typical Ls vs Current (I)



Part No	Inductance	f _L	Tol	SRF _{min}	DCR (Ω)		Rated DC Current (A)			
	L (μH)	(MHz)	± (%)	(MHz)	typ	max	I _{sat}		I _{rms}	
1212FPS-1R0X-01	1.0	1/0.1V	20, 30	145	0.040	0.048	2.35	2.10	2.35	2.10
1212FPS-1R5X-01	1.5	1/0.1V	20, 30	130	0.055	0.066	2.00	1.80	2.10	1.90
1212FPS-2R2X-01	2.2	1/0.1V	20, 30	90	0.060	0.072	1.65	1.48	1.80	1.60
1212FPS-3R3X-01	3.3	1/0.1V	20, 30	75	0.093	0.112	1.40	1.21	1.60	1.45
1212FPS-4R7X-01	4.7	1/0.1V	20, 30	65	0.113	0.136	1.20	1.08	1.40	1.25
1212FPS-6R8X-01	6.8	1/0.1V	20, 30	50	0.176	0.211	1.05	0.90	1.10	0.90
1212FPS-100X-01	10	1/0.1V	20, 30	45	0.234	0.276	0.88	0.75	1.00	0.87
1212FPS-150X-01	15	1/0.1V	20, 30	33	0.352	0.422	0.68	0.58	0.80	0.65
1212FPS-220X-01	22	1/0.1V	20, 30	28	0.510	0.622	0.58	0.47	0.60	0.55
1212FPS-330X-01	33	1/0.1V	20, 30	22	0.799	0.959	0.46	0.39	0.50	0.45
1212FPS-470X-01	47	1/0.1V	20, 30	18	1.172	1.406	0.38	0.32	0.45	0.40
1212FPS-101X-01	100	1/0.1V	20, 30	11	2.433	2.920	0.27	0.23	0.29	0.25

Core Material : Ferrite

Revision date : 06 Apr 2018

SPQ : Taped / Reel 2000 [-01]