



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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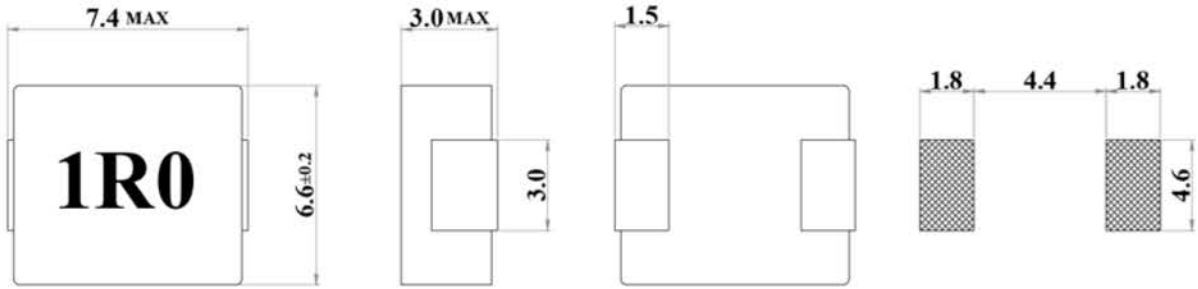


ECS-MPIL0630

SMD Power Inductor



1. Mechanical Dimension [Unit : mm]



2. Electrical Characteristics

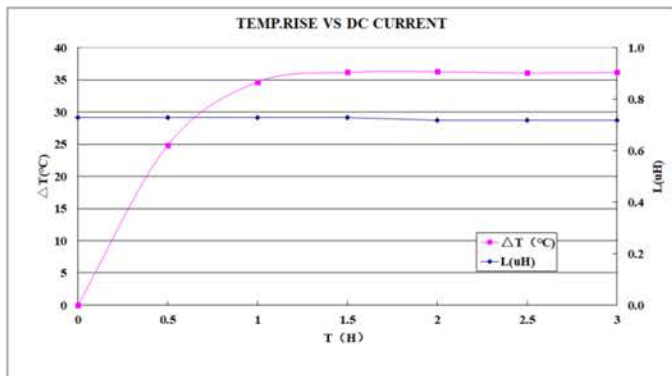
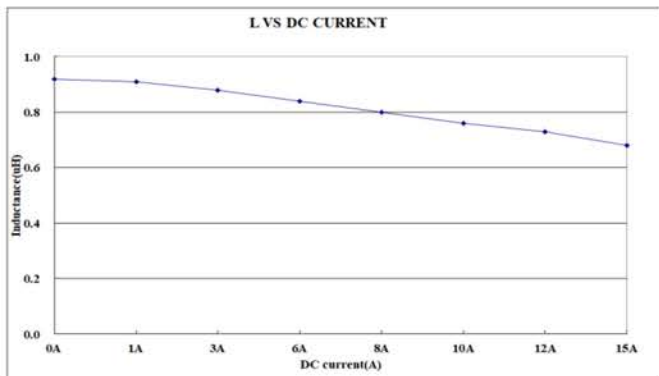
ECS-MPIL0630 Series

Part No.	Inductance ($\mu\text{H} \pm 20\%$)	DC Resistance ($\text{m}\Omega$ MAX)	DC Resistance ($\text{m}\Omega$ TYP.)	Rated Current (A MAX)	Heat Rating Current DC(A)
ECS-MPIL0630-R10MC	0.1	1.7	1.5	60.0	32.5
ECS-MPIL0630-R20MC	0.2	3.0	2.4	34.0	24.0
ECS-MPIL0630-R33MC	0.33	3.5	3.0	25.0	21.0
ECS-MPIL0630-R47MC	0.47	4.1	3.4	20.0	18.0
ECS-MPIL0630-R68MC	0.68	5.3	4.8	17.0	16.0
ECS-MPIL0630-R82MC	0.82	6.0	5.4	16.0	14.0
ECS-MPIL0630-1R0MC	1.0	9.2	8.4	15.0	12.0
ECS-MPIL0630-1R5MC	1.5	12.1	10.6	14.0	10.0
ECS-MPIL0630-2R2MC	2.2	15.0	13.5	10.0	8.0
ECS-MPIL0630-3R3MC	3.3	22.0	18.0	9.5	6.5
ECS-MPIL0630-4R7MC	4.7	33.0	28.0	6.5	5.5
ECS-MPIL0630-5R6MC	5.6	42.0	39.0	6.0	5.5
ECS-MPIL0630-6R8MC	6.8	50.0	43.9	6.0	4.5
ECS-MPIL0630-8R2MC	8.2	60.0	54.0	6.0	4.5
ECS-MPIL0630-100MC	10	68.0	62.0	5.5	4.0
ECS-MPIL0630-150MC	15	95.0	90.0	4.0	3.0
ECS-MPIL0630-220MC	22	135.0	125.0	3.0	2.5

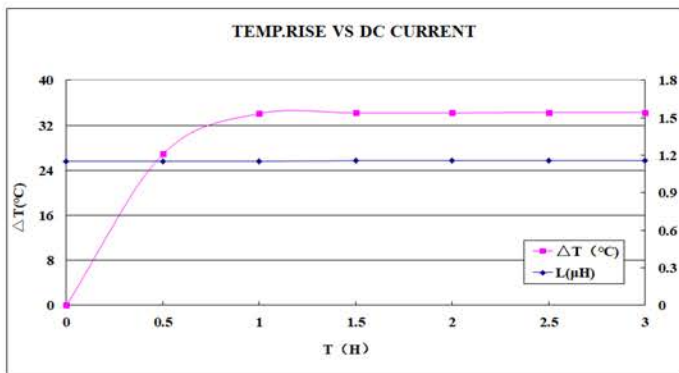
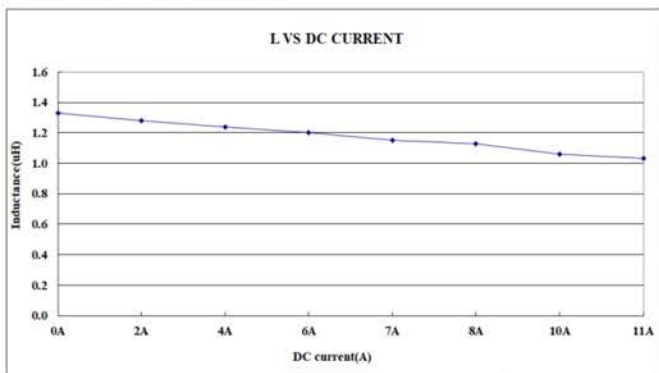
Measuring Frequency (L) : 100KHz/0.1V

Rated Current: D.C. Current at which the Inductance drops 30%(MAX.) from its value without current

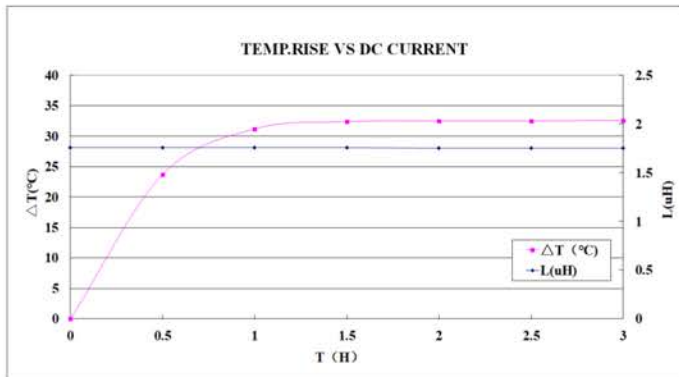
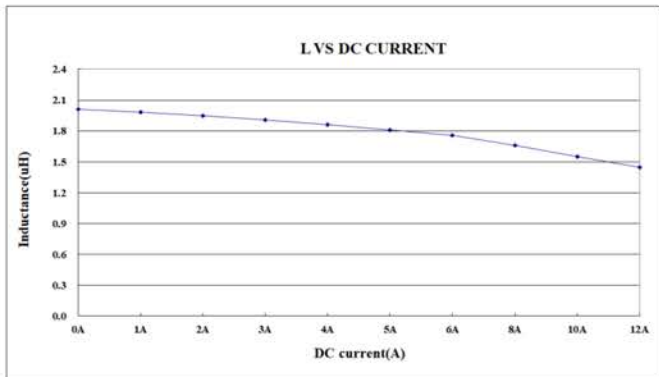
ECS-MPIL0630-1R0MC



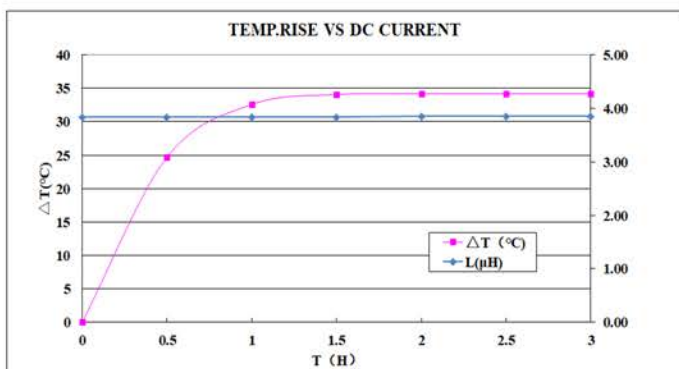
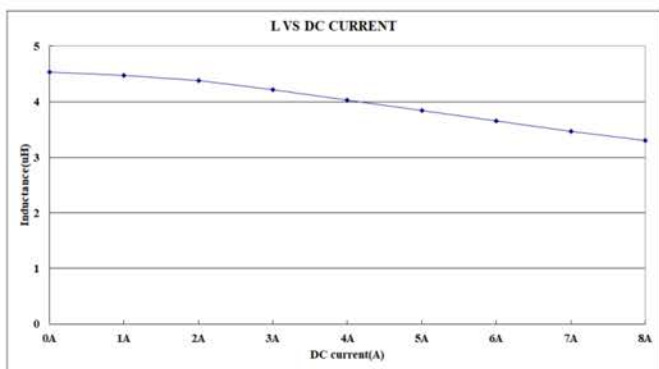
ECS-MPIL0630-1R5MC



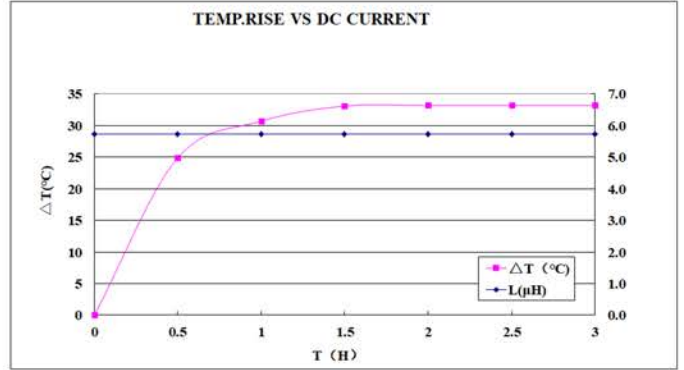
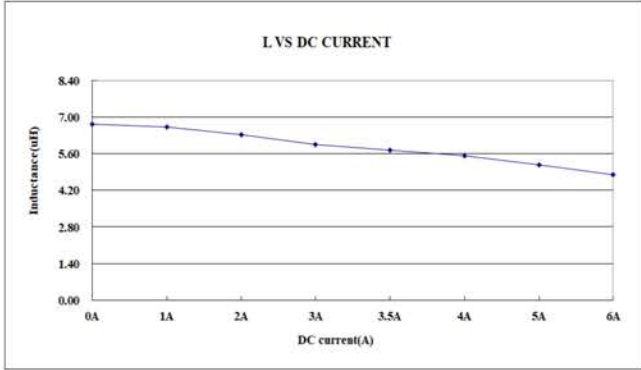
ECS-MPIL0630-2R2MC



ECS-MPIL0630-4R7MC



ECS-MPIL0630-6R8MC



ECS-MPIL0630-100MC

