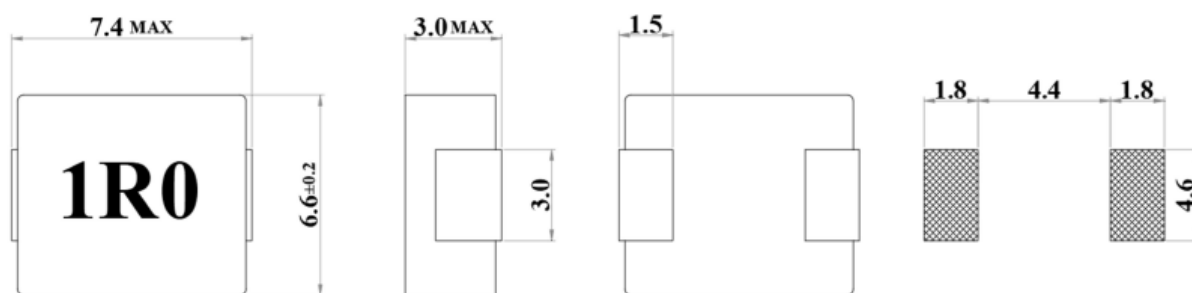


ECS-MPIL0630

SMD Power Inductor



1.Mechanical Dimension [Unit : mm]



2. Electrical Characteristics

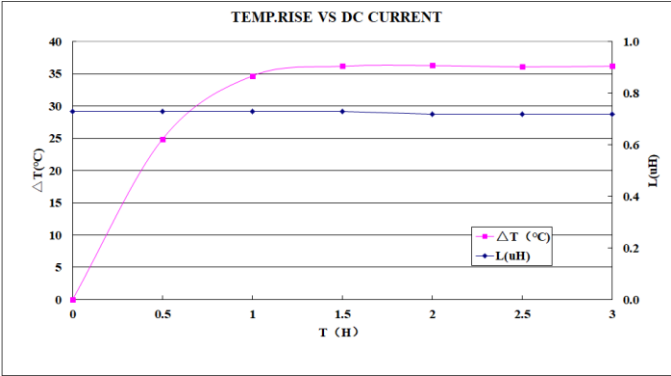
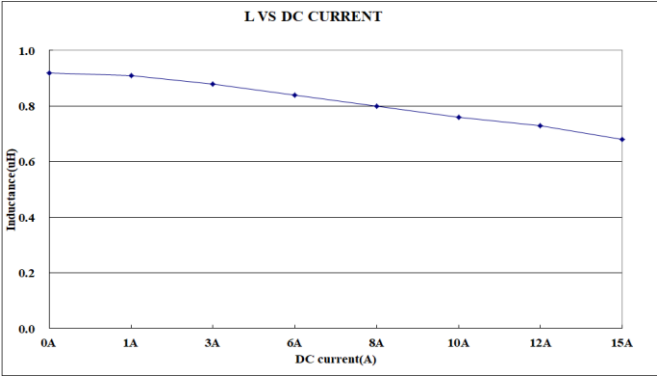
ECS-MPIL0630 Series

Part No.	Inductance ($\mu\text{H} \pm 20\%$)	DC Resistance ($\text{m}\Omega \text{ MAX}$)	DC Resistance ($\text{m}\Omega \text{ TYP.}$)	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

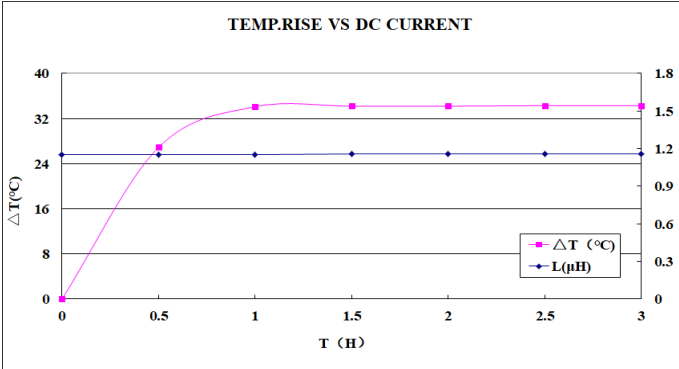
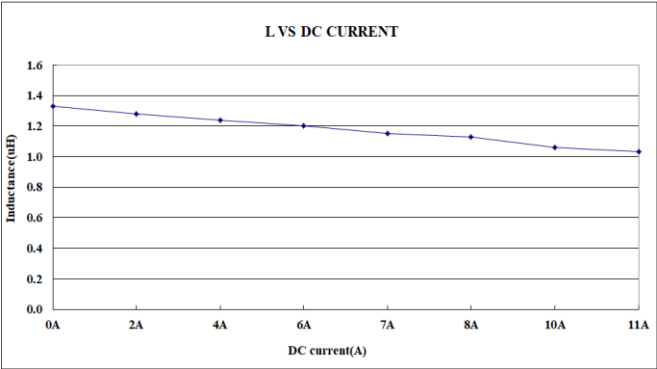
Measuring Frequency (L) : 100KHz/0.1V

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

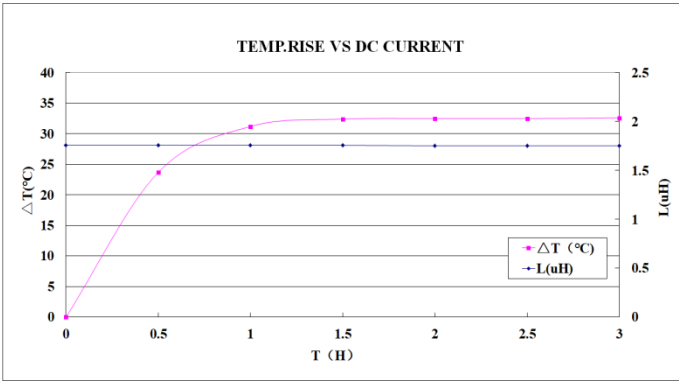
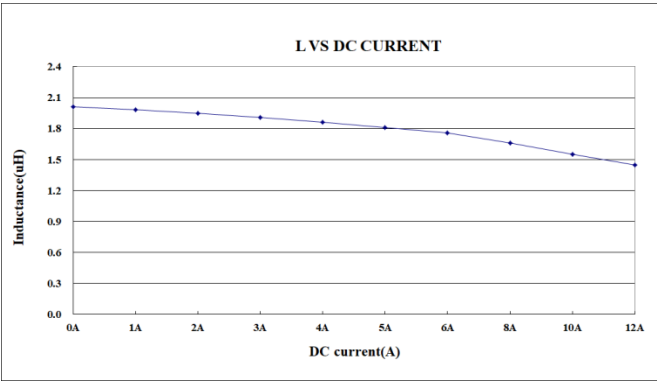
ECS-MPIL0630-1R0MC



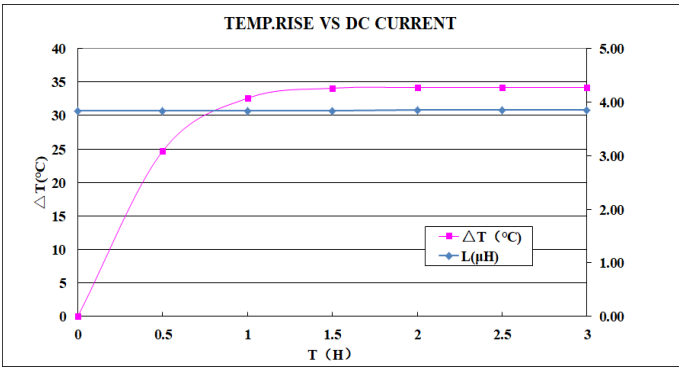
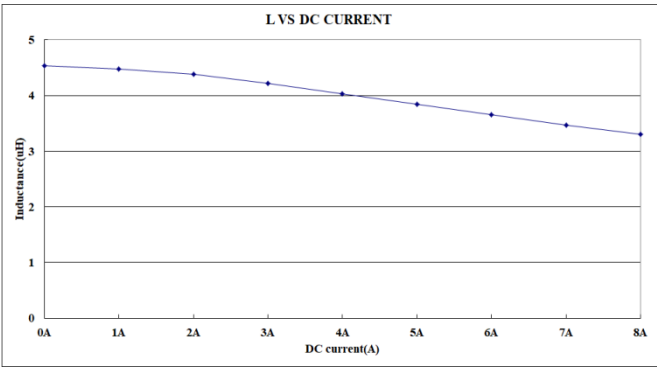
ECS-MPIL0630-1R5MC



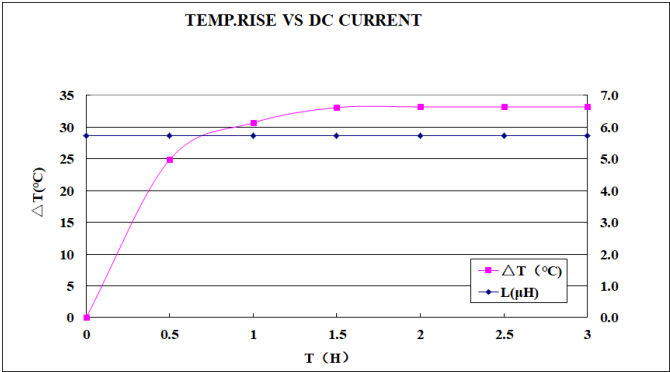
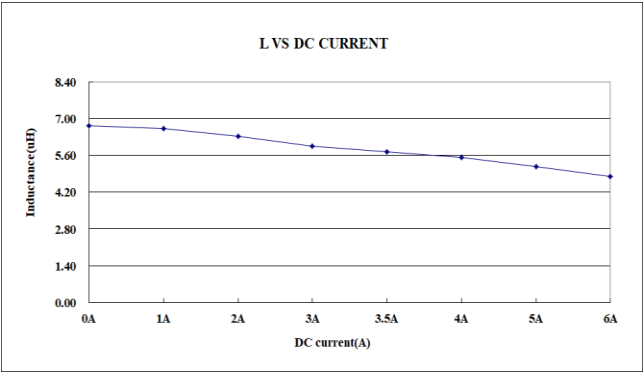
ECS-MPIL0630-2R2MC



ECS-MPIL0630-4R7MC



ECS-MPIL0630-6R8MC



ECS-MPIL0630-100MC

