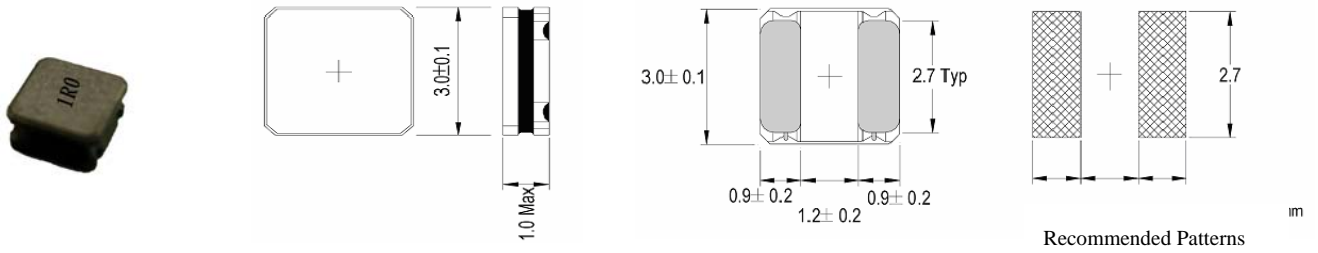


SMD WIRE WOUND POWER INDUCTORS CSM0310D SERIES (SHIELDED)

Mechanical Dimensions: (Unit: mm)



Electrical Specification

PART NO.	MARK	Inductance (μ H)	Test Freq. (MHz)	DCR (Ω)	Isat (A)	Irms (A)	Inductance TOL.
				Max	Max.	Max.	
CSM0310D1R0MP00	1R0	1.0	1	0.078	1.70	1.525	M:±20% N:±30%
CSM0310D1R5MP00	1R5	1.5	1	0.096	1.40	1.470	
CSM0310D2R2MP00	2R2	2.2	1	0.113	1.25	1.270	
CSM0310D2R7MP00	2R7	2.7	1	0.169	1.00	1.020	
CSM0310D3R3MP00	3R3	3.3	1	0.192	0.97	1.130	
CSM0310D3R6MP00	3R6	3.6	1	0.215	0.95	0.900	
CSM0310D4R7MP00	4R7	4.7	1	0.228	0.85	0.925	
CSM0310D5R6MP00	5R6	5.6	1	0.342	0.72	0.820	
CSM0310D6R8MP00	6R8	6.8	1	0.360	0.66	0.710	
CSM0310D100MP00	100	10	1	0.540	0.55	0.630	
CSM0310D150MP00	150	15	1	0.888	0.43	0.475	
CSM0310D180MP00	180	18	1	0.793	0.42	0.470	
CSM0310D220MP00	220	22	1	1.176	0.36	0.430	
CSM0310D270MP00	270	27	1	1.404	0.30	0.350	
CSM0310D330MP00	330	33	1	1.860	0.29	0.345	
CSM0310D390MP00	390	39	1	2.275	0.28	0.280	
CSM0310D470MP00	470	47	1	2.400	0.24	0.270	

a Tolerance: N:± 30%, M: ± 20%

b Test Frequency:1MHz,1V

c Test Equipment:

L/Q : CHROMA CH-3302,HP 4286A or equivalent.

RDC: CHROMA CH-502BC or equivalent.

d Isat: Based on Inductance decrease 30% (at 20°C)

e Iirms: Based on Temperature increase 40°C (at 20°C)

f Operating temperature Range: -40°C to +105°C (Including self-temperature rise)

g Storage Temp.: -40°C to +85°C

Characteristic Curve

