PIN Type Power Inductor > Non-Sheilded > RCH108

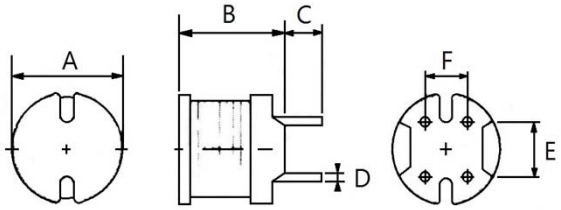
Features

- Low cost, wide rage of inductance.
- Small mounting space required.
- Low DCR, large current, best for the pwer supply line.
- Lead-Free, Halogen-Free and RoHS compliant.

Applications

- Switching power supply, DC-DC converters, TVs, VTRs, OA equipments choke, Home electric appliance, etc..

Shapes and Diemensions



Type	A	B	C	D	E	F	G	
RCH108	10.0 max.	8.5 max.	3.5 ± 1.0	0.70 ± 0.1	5.0 ± 0.3	4.0 ± 0.3		

Electrical Characteristics

Part No.	Inductance (μH)	Measuring Frequency	D.C.R (Ω) Max.	Rated Current (A) Max.
RCH108-2R2M	2.2 ± 20%	7.96 MHz	0.009	7.90
RCH108-2R7M	2.7 ± 20%	7.96 MHz	0.010	7.20
RCH108-3R7M	3.7 ± 20%	7.96 MHz	0.011	6.30
RCH108-4R7M	4.7 ± 20%	7.96 MHz	0.012	5.70
RCH108-6R2M	6.2 ± 20%	7.96 MHz	0.015	5.30
RCH108-8R2M	8.2 ± 20%	7.96 MHz	0.017	5.00
RCH108-100M	10 ± 20%	1 KHz	0.027	4.50
RCH108-120M	12 ± 20%	1 KHz	0.031	4.10
RCH108-150M	15 ± 20%	1 KHz	0.036	3.70
RCH108-180M	18 ± 20%	1 KHz	0.049	3.40
RCH108-220M	22 ± 20%	1 KHz	0.055	3.10
RCH108-270M	27 ± 20%	1 KHz	0.062	2.80
RCH108-330M	33 ± 20%	1 KHz	0.079	2.50
RCH108-390M	39 ± 20%	1 KHz	0.087	2.30
RCH108-470M	47 ± 20%	1 KHz	0.099	2.10
RCH108-560M	56 ± 20%	1 KHz	0.130	1.90
RCH108-680M	68 ± 20%	1 KHz	0.140	1.70
RCH108-820M	82 ± 20%	1 KHz	0.160	1.60
RCH108-101K	100 ± 10%	1 KHz	0.210	1.40
RCH108-121K	120 ± 10%	1 KHz	0.240	1.30
RCH108-151K	150 ± 10%	1 KHz	0.320	1.20
RCH108-181K	180 ± 10%	1 KHz	0.350	1.10
RCH108-221K	220 ± 10%	1 KHz	0.450	0.96
RCH108-271K	270 ± 10%	1 KHz	0.610	0.87
RCH108-331K	330 ± 10%	1 KHz	0.690	0.79
RCH108-391K	390 ± 10%	1 KHz	0.780	0.72
RCH108-471K	470 ± 10%	1 KHz	1.000	0.66
RCH108-561K	560 ± 10%	1 KHz	1.200	0.60
RCH108-681K	680 ± 10%	1 KHz	1.400	0.55
RCH108-821K	820 ± 10%	1 KHz	1.800	0.50
RCH108-102K	1,000 ± 10%	1 KHz	2.100	0.45

NOTES:

Rated current : The DC current at which the inductance decrease to 90% from its initial value or when Δt=40°C whichever is lower (Ta=20°C)