

HIGH CURRENT TOROID INDUCTORS FA2111-V&H SERIES



FEATURES:

DC /DC c onverter, EMI filter applications.
Low radiation.
Low core loss.
Test Frequency R esponse:1KHz,0.3mV.
High current capacity.
Operating temperature: -55°C to +105°C
Current to cause 30°C Max. temperature rise.

PRODUCT IDENTIFICATION:

$$\frac{2111}{a} \frac{V}{b} \frac{330}{c} \frac{L}{d} \frac{5R0}{e}$$

a:Size

b:Vertical to the horizontal form, 'H' is to the horizontal form

c:Inductance Value[101:100uH;102:1000uH;103:10000uH]

d:Positive and negative tolerances[K:±10%;L:±15%;M:±20%]

e:Rated current[0R2:0.2A;1R2:1.2A;10R2:12A]

ELECTRICAL CHARACTERISTICS

Part Number	Inductance [uH] at 20°C	D.C.Resistance [Ω] Typ at 20°C	Rated current [A]	Inductance [uH] @Rated	Dimension A Nom	Dimension B Nom	Dimension C Nom
FA2111-V/H-100L10R8	10	0.003	10.8	6.6	8.6	19.5	1.40
FA2111-V/H-120L10R3	12	0.004	10.3	7.5	8.6	19.5	1.40
FA2111-V/H-150L7R7	15	0.010	7.7	10.6	8.4	19.3	1.10
FA2111-V/H-180L7R4	18	0.011	7.4	11.8	8.4	19.3	1.10
FA2111-V/H-220L7R0	22	0.012	7.0	14.2	8.4	19.3	1.10
FA2111-V/H-270L6R0	27	0.014	6.0	17.6	8.1	19.0	1.00
FA2111-V/H-330L5R0	33	0.020	5.0	23.4	8.1	19.0	0.90
FA2111-V/H-390L4R5	39	0.025	4.5	27.7	8.1	19.0	0.85
FA2111-V/H-470L3R8	47	0.030	3.8	35.1	7.8	19.0	0.80
FA2111-V/H-560L3R4	56	0.040	3.4	40.8	7.8	19.0	0.70
FA2111-V/H-680L3R3	68	0.045	3.3	47.6	7.8	19.0	0.70
FA2111-V/H-101L2R4	100	0.08	2.4	75.3	7.8	18.8	0.57
FA2111-V/H-121L2R2	120	0.09	2.2	89.8	7.8	18.8	0.57
FA2111-V/H-151L3R4	150	0.062	3.4	86.1	8.9	20.0	0.70
FA2111-V/H-181L2R6	180	0.10	2.6	114	8.6	19.5	0.63
FA2111-V/H-221L2R4	220	0.11	2.4	138	8.6	19.5	0.63
FA2111-V/H-271L1R8	270	0.14	1.8	187	8.4	19.3	0.55
FA2111-V/H-331L1R7	330	0.16	1.7	221	8.4	19.3	0.55
FA2111-V/H-391L1R7	390	0.18	1.7	251	8.4	19.3	0.55
FA2111-V/H-471L1R6	470	0.20	1.6	296	8.9	19.3	0.55
FA2111-V/H-561L1R5	560	0.22	1.5	351	8.9	20.0	0.55
FA2111-V/H-681L1R4	680	0.28	1.4	417	8.9	20.0	0.50
FA2111-V/H-821L1R4	820	0.30	1.4	477	8.9	20.0	0.50
FA2111-V/H-102L1R3	1000	0.35	1.3	574	9.4	20.5	0.50

TECHNICAL INFORMATION:

