

HIGH CURRENT TOROID INDUCTORS

FA2111HT-V&H SERIES



FEATURES:

DC/DC converter, EMI filter applications.
 Low radiation.
 Low core loss.
 Test Frequency Response: 1KHz, 0.3mV.
 High current capacity.
 Operating temperature: -55°C to +105°C.
 Current to cause 50°C Max. temperature rise.

PRODUCT IDENTIFICATION:

$$\frac{2111HT}{a} \frac{V}{b} \frac{330}{c} \frac{L}{d} \frac{6R1}{e}$$

a: Size

b: V is to the vertical 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
FA2111HT-V/H-100L9R9	10	0.012	9.9	7.6	8.4	19.3	1.10
FA2111HT-V/H-120L9R6	12	0.013	9.6	9.0	8.4	19.3	1.10
FA2111HT-V/H-150L9R1	15	0.014	9.1	11.0	8.4	19.3	1.10
FA2111HT-V/H-180L8R6	18	0.016	8.6	13.0	8.4	19.3	1.10
FA2111HT-V/H-220L7R7	22	0.020	7.7	16.6	8.1	19.0	1.00
FA2111HT-V/H-270L6R4	27	0.025	6.4	20.1	8.1	19.0	0.90
FA2111HT-V/H-330L6R1	33	0.028	6.1	24.0	8.1	19.0	0.90
FA2111HT-V/H-390L5R9	39	0.030	5.9	28.0	8.1	19.0	0.80
FA2111HT-V/H-470L5R6	47	0.030	5.6	33.1	8.9	20.0	0.80
FA2111HT-V/H-560L5R3	56	0.035	5.3	38.5	8.9	20.0	0.80
FA2111HT-V/H-680L5R1	68	0.040	5.1	46.0	8.9	20.0	0.80
FA2111HT-V/H-820L4R8	82	0.045	4.8	54.0	8.9	20.0	0.80
FA2111HT-V/H-101L4R6	100	0.050	4.6	64.5	8.9	20.0	0.80
FA2111HT-V/H-121L3R5	120	0.08	3.5	84.4	8.6	19.5	0.70
FA2111HT-V/H-151L3R3	150	0.10	3.3	102.8	8.6	19.5	0.70
FA2111HT-V/H-181L3R1	180	0.12	3.1	120.7	8.6	19.5	0.70
FA2111HT-V/H-221L3R0	220	0.13	3.0	144.2	8.6	19.5	0.70
FA2111HT-V/H-271L2R8	270	0.14	2.8	172.6	8.9	20.0	0.70
FA2111HT-V/H-331L2R7	330	0.16	2.7	206.0	8.9	20.0	0.70
FA2111HT-V/H-391L2R1	390	0.22	2.1	266.7	8.4	19.3	0.55
FA2111HT-V/H-471L2R0	470	0.28	2.0	314.4	8.9	19.3	0.55
FA2111HT-V/H-561L1R9	560	0.32	1.9	366.9	8.9	20.0	0.55
FA2111HT-V/H-681L1R8	680	0.35	1.8	432.0	8.9	20.0	0.50
FA2111HT-V/H-821L1R7	820	0.39	1.7	512.0	9.4	20.5	0.55
FA2111HT-V/H-102L1R6	1000	0.43	1.6	608.2	9.4	20.5	0.55

TECHNICAL INFORMATION

