

# TYPE VF & VK

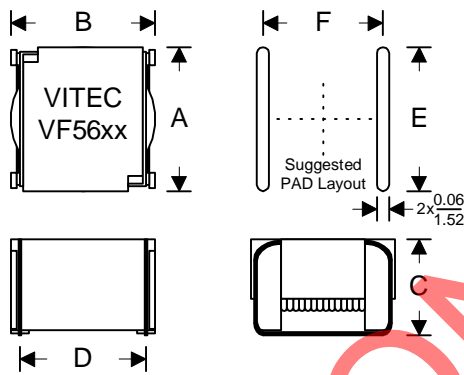
## SURFACE MOUNT INDUCTORS

### FEATURES

- Low profile self-leded design.
- Ideal for IR and vapor reflow soldering.
- Operating temperature: -30°C to +130°C.
- Frequency range up to 1MHz.
- Materials meet flammability requirement of UL94V-0.
- RoHS compliant version available.

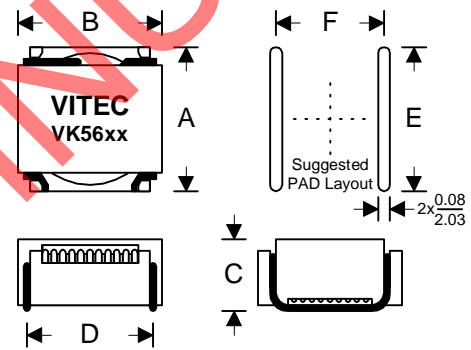
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DRAWING A



Dimensions Inches/mm +/- 0.01" Unless noted

DRAWING B



Dimensions Inches/mm +/- 0.01" Unless noted

### ELECTRICAL CHARACTERISTICS @ +25°C

Part Number		IDC	Inductance with DC	ET	Inductance without DC	DCR	Dimension Code
Classic	RoHS	Amp NOM	uH NOM	VuS NOM	uH NOM	mOhm MAX	
VF5601	VFR5601	1.00	17.60	2.40	22.70	125.00	A1
VF5602	VFR5602	1.40	29.70	4.60	35.30	166.00	A2
VF5604	VFR5604	1.30	58.10	7.83	73.00	290.00	A3
VF5606	VFR5606	0.94	114.00	10.00	167.00	380.00	A2
VF5608	VFR5608	0.90	192.00	15.70	292.00	560.00	A3
VF5610	VFR5610	1.40	6.20	1.33	7.00	70.00	A1
VF5611	VFR5611	0.72	383.00	23.50	672.00	862.00	A3
VF5613	VFR5613	0.74	645.00	36.50	1134.00	1250.00	A4
VF5614	VFR5614	0.71	1070.00	54.40	1950.00	1700.00	A5

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Part Number		IDC	Inductance with DC	ET	Inductance without DC	DCR	Dimension Code
Classic	RoHS						
VF5630	VFR5630	3.40	1.01	0.53	1.10	11.00	A1
VF5631	VFR5631	2.80	9.40	2.70	12.30	43.40	A2
VF5632	VFR5632	2.70	16.20	4.29	21.90	63.00	A3
VF5633	VFR5633	2.70	29.10	6.90	40.50	85.00	A4
VF5634	VFR5634	2.60	50.00	10.50	72.90	133.00	A5
VF5650	VFR5650	4.80	3.80	1.76	5.20	17.30	A2
VF5651	VFR5651	5.40	5.10	2.51	7.50	17.70	A3
VF5652	VFR5652	5.50	9.00	4.06	14.00	22.30	A4
VF5653	VFR5653	5.10	16.10	6.27	25.90	32.00	A5
VF5661	VFR5661	8.00	2.50	1.77	3.80	8.30	A3
VF5662	VFR5662	7.80	4.90	3.04	7.90	12.40	A4
VF5663	VFR5663	7.20	9.30	4.92	16.00	18.70	A5
VK5670	VKR5670	15.40	5.20	5.21	10.50	6.20	B4
VK5680	VKR5680	11.50	1.32	1.33	2.10	4.00	B1
VK5681	VKR5681	11.40	2.50	2.23	4.20	5.40	B2
VK5682	VKR5682	10.40	4.70	3.58	8.40	8.30	B3
VK5683	VKR5683	10.90	9.40	6.84	17.60	12.30	B4
VK5690	VKR5690	14.30	0.81	1.035	1.25	2.50	B1
VK5691	VKR5691	13.90	1.68	1.83	2.80	3.60	B2
VK5692	VKR5692	12.40	3.50	3.13	6.50	6.60	B3

### Dimensions

Code	A	B	C	D	E	F	Code	A	B	C	D	E	F
A1	$\frac{0.340}{8.64}$	$\frac{0.340}{8.64}$	$\frac{0.270}{6.86}$	$\frac{0.260}{6.60}$	$\frac{0.300}{7.62}$	$\frac{0.270}{6.86}$	B1	$\frac{0.615}{15.62}$	$\frac{0.600}{15.24}$	$\frac{0.370}{9.40}$	$\frac{0.500}{12.70}$	$\frac{0.440}{11.18}$	$\frac{0.500}{12.70}$
A2	$\frac{0.435}{11.05}$	$\frac{0.440}{11.18}$	$\frac{0.360}{9.14}$	$\frac{0.350}{8.89}$	$\frac{0.400}{10.16}$	$\frac{0.360}{9.14}$	B2	$\frac{0.665}{16.89}$	$\frac{0.665}{16.89}$	$\frac{0.400}{10.16}$	$\frac{0.560}{14.22}$	$\frac{0.490}{12.45}$	$\frac{0.570}{14.48}$
A3	$\frac{0.560}{14.22}$	$\frac{0.565}{14.35}$	$\frac{0.360}{9.14}$	$\frac{0.450}{11.43}$	$\frac{0.520}{13.21}$	$\frac{0.460}{11.68}$	B3	$\frac{0.740}{18.80}$	$\frac{0.740}{18.80}$	$\frac{0.400}{10.16}$	$\frac{0.630}{16.00}$	$\frac{0.560}{14.22}$	$\frac{0.640}{16.26}$
A4	$\frac{0.590}{14.99}$	$\frac{0.615}{15.62}$	$\frac{0.390}{9.91}$	$\frac{0.500}{12.70}$	$\frac{0.550}{13.97}$	$\frac{0.510}{12.95}$	B4	$\frac{0.940}{23.88}$	$\frac{0.940}{23.88}$	$\frac{0.400}{10.16}$	$\frac{0.820}{20.83}$	$\frac{0.700}{17.78}$	$\frac{0.830}{21.08}$
A5	$\frac{0.670}{17.02}$	$\frac{0.700}{17.78}$	$\frac{0.390}{9.91}$	$\frac{0.580}{14.73}$	$\frac{0.620}{15.75}$	$\frac{0.590}{14.99}$							

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