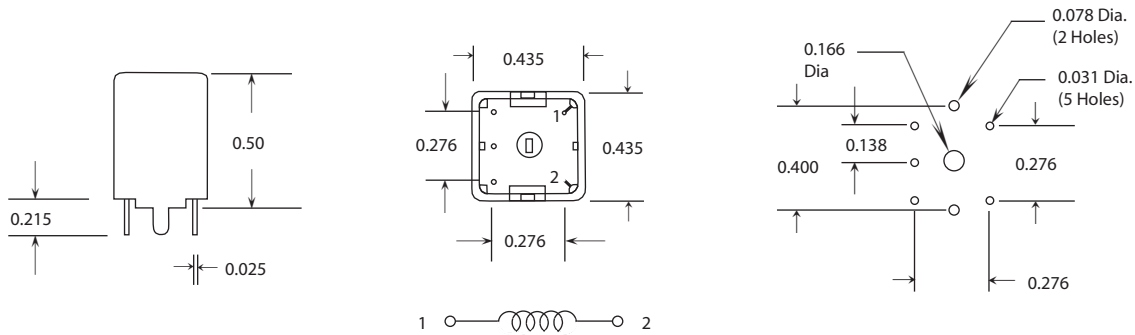


Mechanical Specification
RoHS
COMPLIANT


Dimensions: Inches

PCB layout

Special Features

- High inductance
- Wide tuning range
- Cup core construction for low radiation
- Static shielding can with grounding taps
- Min.SRF measured at max. inductance
- Operating temperature -55°C to +105°C

Electrical Specification
VV-9100 SERIES

Part Number	L(uH) Min.	Q Min.	L(uH) Max.	Q Min.	Test Freq. (MHz)	SRF (MHz) Min.	DCR (Ω) Max.	I (mA) Max.
VV-9101	0.099	64	0.134	85	25	400	0.01	4850
VV-9102	0.129	70	0.192	93	25	333	0.01	4430
VV-9103	0.165	77	0.258	100	25	288	0.02	3970
VV-9104	0.246	83	0.418	102	25	225	0.02	3830
VV-9105	0.366	88	0.627	93	25	185	0.02	3430
VV-9106	0.588	40	0.95	60	25	155	0.9	516
VV-9107	0.83	43	1.54	50	7.9	116	1.02	485
VV-9108	1.44	34	2.94	64	7.9	84	1.38	417
VV-9109	2.52	40	5.7	77	7.9	60	1.76	368
VV-9110	5.35	50	13.49	60	2.5	37.4	2.92	286
VV-9111	12.5	31	29.45	60	2.5	9.7	4.72	225
VV-9112	26.25	35	71.25	54	2.5	5.1	6.97	185
VV-9113	64.57	36	163	50	0.79	3.1	9.98	155
VV-9114	147	31	430	52	0.79	2.1	16.32	121
VV-9115	422	40	1100	42	0.25	1.4	27.84	92
VV-9116	1050	39	3740	65	0.25	0.88	41.06	76
VV-9117	3360	40	11,120	50	0.079	0.58	78.92	55