

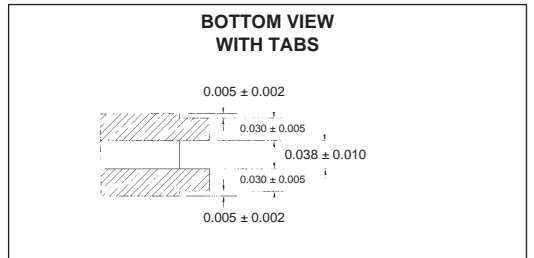
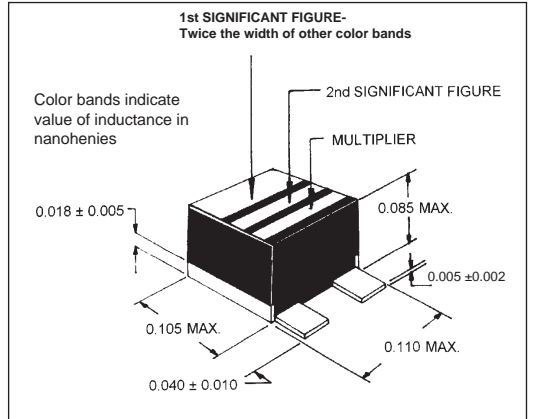
MILITARY PRODUCTS

Chip Inductors M83446/5 - Series 26,000 Qualified Product Listed MIL-PRF-83446

IN	MM
0.110	2.794
0.105	2.667
0.085	2.159
0.040	1.016
0.038	0.965
0.030	0.762
0.018	0.457
0.010	0.254
0.005	0.127
0.002	0.051

CONVERSION

WITH TAB TERMINATIONS		WITHOUT TAB TERMINATIONS		ACTUAL SIZE							
M83446/5 Dash No.	VE P/N	M83446/5 Dash No.	VE P/N	Inductance uH	Min Q	Typ Q	Test Freq MHz	SRF MHz	DCR Ohms Max	Current mA Max	
-01	26000	-38	26000 NT	0.010	50	55	150	2000	0.025	750	
-02	26001	-39	26001 NT	0.012	50	55	150	2000	0.025	750	
-03	26002	-40	26002 NT	0.015	50	55	150	1800	0.040	750	
-04	26003	-41	26003 NT	0.018	50	55	150	1500	0.040	750	
-05	26004	-42	26004 NT	0.022	45	50	100	1400	0.040	750	
-06	26005	-43	26005 NT	0.027	45	50	100	1200	0.040	750	
-07	26006	-44	26006 NT	0.033	47	55	100	1200	0.050	640	
-08	26007	-45	26007 NT	0.039	47	55	100	1200	0.070	600	
-09	26008	-46	26008 NT	0.047	47	55	100	1000	0.080	550	
-10	26009	-47	26009 NT	0.056	47	55	100	900	0.090	520	
-11	26010	-48	26010 NT	0.068	47	55	100	900	0.100	480	
-12	26011	-49	26011 NT	0.082	47	55	100	750	0.110	470	
-13	26012	-50	26012 NT	0.10	47	55	50	700	0.110	470	
-14	26013	-51	26013 NT	0.12	47	55	50	600	0.110	470	
-15	26014	-52	26014 NT	0.15	47	55	50	500	0.120	450	
-16	26015	-53	26015 NT	0.18	51	60	50	450	0.140	430	
-17	26016	-54	26016 NT	0.22	51	60	50	420	0.20	350	
-18	26017	-55	26017 NT	0.27	51	60	50	400	0.25	310	
-19	26018	-56	26018 NT	0.33	51	60	50	320	0.30	280	
-20	26019	-57	26019 NT	0.39	47	55	50	270	0.45	240	
-21	26020	-58	26020 NT	0.47	47	55	25	250	0.50	230	
-22	26021	-59	26021 NT	0.56	52	60	25	200	0.55	220	
-23	26022	-60	26022 NT	0.68	52	60	25	180	0.58	210	
-24	26023	-61	26023 NT	0.82	52	60	25	150	0.60	200	
-25	26024	-62	26024 NT	1.00	52	60	25	120	0.65	190	
-26	26025	-63	26025 NT	1.2	42	50	7.9	110	0.75	180	
-27	26026	-64	26026 NT	1.5	42	50	7.9	100	1.1	160	
-28	26027	-65	26027 NT	1.8	48	55	7.9	95	1.2	150	
-29	26028	-66	26028 NT	2.2	48	55	7.9	90	1.3	140	
-30	26029	-67	26029 NT	2.7	48	55	7.9	65	1.5	130	
-31	26030	-68	26030 NT	3.3	48	55	7.9	55	1.8	120	
-32	26031	-69	26031 NT	3.9	48	55	7.9	45	2.0	110	
-33	26032	-70	26032 NT	4.7	48	55	7.9	43	2.3	100	
-34	26033	-71	26033 NT	5.6	48	55	7.9	40	2.5	100	
-35	26034	-72	26034 NT	6.8	46	53	7.9	38	2.6	98	
-36	26035	-73	26035 NT	8.2	46	53	7.9	35	2.8	95	
-37	26036	-74	26036 NT	10.0	46	53	7.9	33	3.3	87	



Information on Test Fixtures, Test Equipment & Q Curves can be found on the Technical Information section of website

Operating Temperature:
-55 °C to +125 °C

Standard Terminations:
Phosphor bronze with tin-lead coating, welded internal connections.

Optional Terminations:
Gold plated terminations on request, add suffix "G" to Vanguard part number when ordering.

Inductance Tolerance:
±10%, tighter tolerances and other inductance values up to 100uH on request.

Part Numbers 26000 & 26000 NT thru 26011 & 26011 NT:
TCL = +125 PPM/°C Max.

Part Numbers 26012 & 26012 NT thru 26032 & 26032 NT:
TCL = +80 PPM/°C Max.

Part Numbers 26033 & 26033 NT thru 26036 & 26036 NT:
TCL = +80 PPM/°C Max.

26,000 SERIES

VANGUARD ELECTRONICS
(714) 842 3330 WWW.VE1.COM