



26000 SERIES

QPL: M83446/5



MIL-PRF-83446

ELECTRICAL SPECIFICATIONS

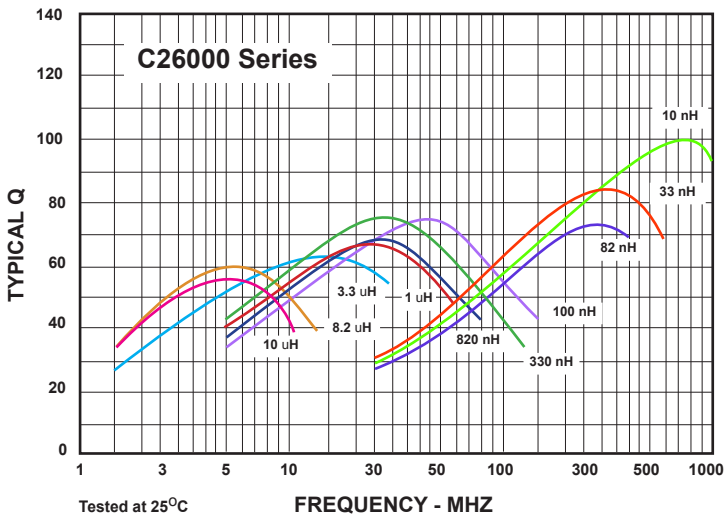
- **Inductance Range:** 0.010 uH to 10 uH
- **Inductance Tolerance:** Standard is $\pm 10\%$, tighter tolerance available upon request
- **Resistance to Solder Heat:** 260°C for 10 seconds
- **Operating Temperature:** -55°C to +125°C
- **Storage Temperature:** -55°C to 125°C
- **Temperature Rise:** 30°C Max at 90°C Ambient
- **Temperature Coefficient of Inductance**
 - P/N 26000 thru 26011: +125 PPM/oC Max.
 - P/N 26012 thru 26036: +80 PPM/oC Max.

FEATURES

- **Transfer Molded Package**
- **Internal Welded Terminations**
- **Terminations:** Tin-lead over phosphorus bronze
- **Optional Terminations on Request:** Gold plated terminations (add suffix "G")
- **Tape and Reel Packaging Available**
- **Recommended Mounting Technique**
 - Reflow or Vapor Phase Soldering
 - Conductive Epoxy
 - Wire bonding (gold lead only)

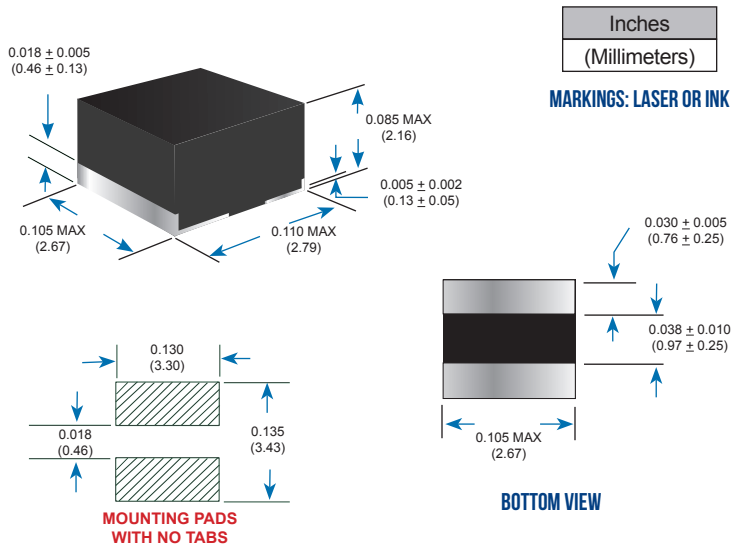
APPLICATIONS

- **Additional Application Grades Available:**
 - Space Grade (MIL-STD-981)
 - High Temperature Grade (+200°C)
 - Commercial Grade or Equivalent

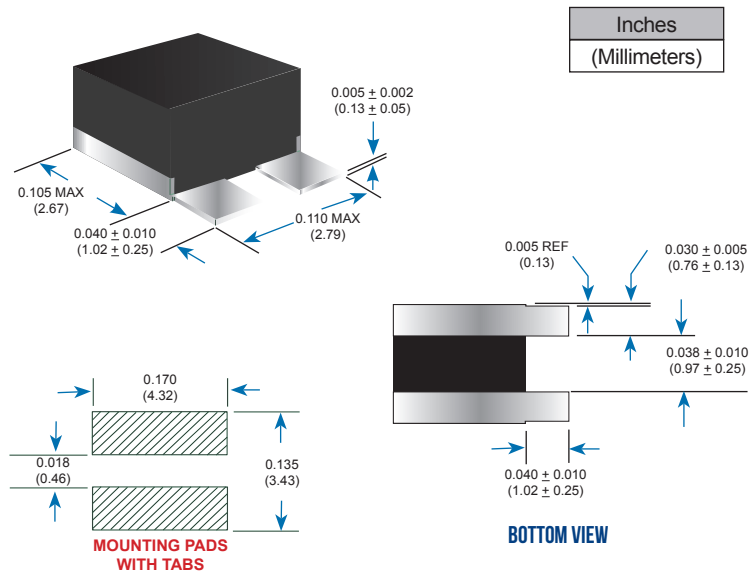


Inductance Range (uH)	Typical Q	Current Rating (mA)
0.010 to 10	50 to 60	87 to 750

NO TABS



WITH TABS



26000 SERIES





WITH TAB TERMINATIONS		WITHOUT TAB TERMINATIONS		Inductance (uH)	Q (Min)	Q (Typ)	Test Freq (MHz)	SRF Min (MHz)	DCR Max (Ohms)	Current Max (mA)
M83446/5 Dash No.	VE P/N	M83446/5 Dash No.	VE P/N							
-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	1.0	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

Test Fixtures and Equipment:

To assure accurate measurement of Inductance and Q, use test fixtures and equipment specified in Technical Information on VE1.com.

CUSTOM DESIGNS & MODIFICATIONS:

Other electrical configurations and performance characteristics are available in various sizes and package types

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