RXT26000 SERIES

AS9100 C CERTIFIED
ISO 9001 CERTIFIED
ITAR COMPLIANT

RoHS COMPLIANT

+200°C

Inductance Range (uH)	Typical Q	Current Rating (mA)
0.010 to 10	50 to 60	87 to 630

ELECTRICAL SPECIFICATIONS

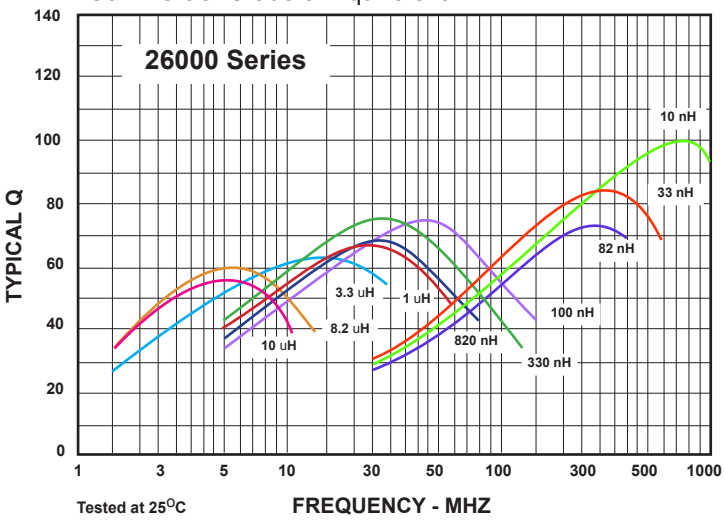
- **Inductance Range:** 0.010 uH to 10 uH
- **Inductance Tolerance:** Standard is ±10%, tighter tolerance available upon request
- **Resistance to Solder Heat:** 260°C for 10 seconds
- **Operating Temperature:** -55°C to +200°C
- **Storage Temperature:** -55°C to 200°C
- **Temperature Rise:** 30°C Max at 90°C Ambient
- **Temperature Coefficient of Inductance**
  - P/N RXT26000 thru RXT26011: +125 PPM/oC Max.
  - P/N RXT26012 thru RXT26036: +80 PPM/oC Max.

FEATURES

- **Ideal for geophysical applications in environments up to 200°C**
- **Transfer Molded Package**
- **Internal Welded Terminations**
- **Terminations:** Pure-tin
- **Optional Termination 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:**
  - Military Grade (MIL-PRF-83446)
  - Space Grade (MIL-STD-981)
  - Commercial Grade or Equivalent



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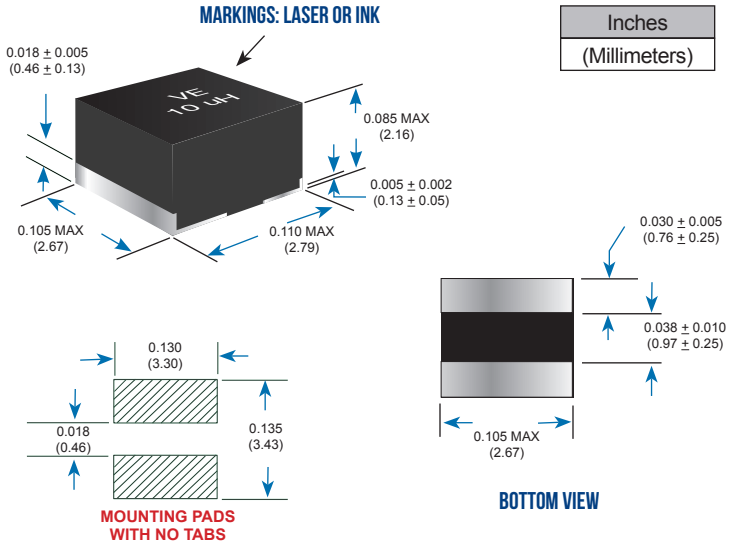

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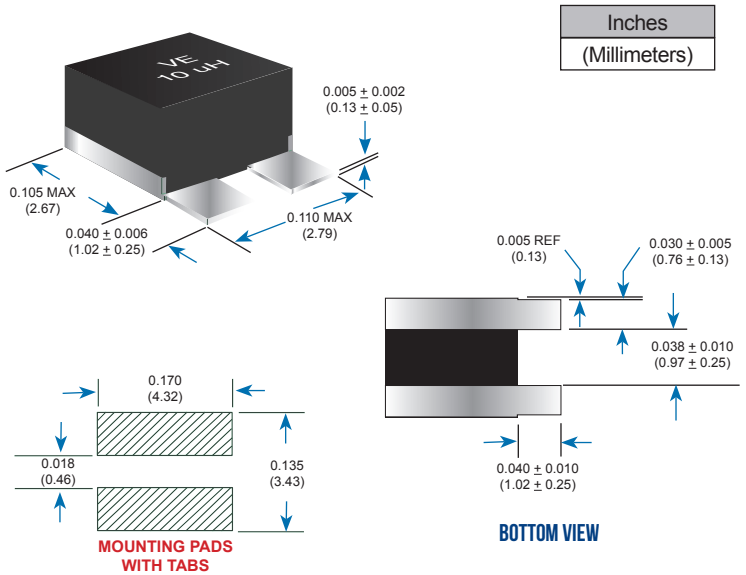

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DATA TABLE

WITH TAB TERMINATIONS	WITHOUT TAB TERMINATIONS							
VE P/N	VE P/N	Inductance (uH)	Q (Min)	Q (Typ)	Test Freq (MHz)	SRF Min (MHz)	DCR Max (Ohms)	Current Max (mA)
RXT26000	RXT26000 NT	0.010	50	55	150	2000	0.025	750
RXT26001	RXT26001 NT	0.012	50	55	150	2000	0.025	750
RXT26002	RXT26002 NT	0.015	50	55	150	1800	0.040	750
RXT26003	RXT26003 NT	0.018	50	55	150	1500	0.040	750
RXT26004	RXT26004 NT	0.022	45	50	100	1400	0.040	750
RXT26005	RXT26005 NT	0.027	45	50	100	1200	0.040	750
RXT26006	RXT26006 NT	0.033	47	55	100	1200	0.050	640
RXT26007	RXT26007 NT	0.039	47	55	100	1200	0.070	600
RXT26008	RXT26008 NT	0.047	47	55	100	1000	0.080	550
RXT26009	RXT26009 NT	0.056	47	55	100	900	0.090	520
RXT26010	RXT26010 NT	0.068	47	55	100	900	0.100	480
RXT26011	RXT26011 NT	0.082	47	55	100	750	0.110	470
RXT26012	RXT26012 NT	0.10	47	55	50	700	0.110	470
RXT26013	RXT26013 NT	0.12	47	55	50	600	0.110	470
RXT26014	RXT26014 NT	0.15	47	55	50	500	0.120	450
RXT26015	RXT26015 NT	0.18	51	60	50	450	0.140	430
RXT26016	RXT26016 NT	0.22	51	60	50	420	0.20	350
RXT26017	RXT26017 NT	0.27	51	60	50	400	0.25	310
RXT26018	RXT26018 NT	0.33	51	60	50	320	0.30	280
RXT26019	RXT26019 NT	0.39	47	55	50	270	0.45	240
RXT26020	RXT26020 NT	0.47	47	55	25	250	0.50	230
RXT26021	RXT26021 NT	0.56	52	60	25	200	0.55	220
RXT26022	RXT26022 NT	0.68	52	60	25	180	0.58	210
RXT26023	RXT26023 NT	0.82	52	60	25	150	0.60	200
RXT26024	RXT26024 NT	1.0	52	60	25	120	0.65	190
RXT26025	RXT26025 NT	1.2	42	50	7.9	110	0.75	180
RXT26026	RXT26026 NT	1.5	42	50	7.9	100	1.1	160
RXT26027	RXT26027 NT	1.8	48	55	7.9	95	1.2	150
RXT26028	RXT26028 NT	2.2	48	55	7.9	90	1.3	140
RXT26029	RXT26029 NT	2.7	48	55	7.9	65	1.5	130
RXT26030	RXT26030 NT	3.3	48	55	7.9	55	1.8	120
RXT26031	RXT26031 NT	3.9	48	55	7.9	45	2.0	110
RXT26032	RXT26032 NT	4.7	48	55	7.9	43	2.3	100
RXT26033	RXT26033 NT	5.6	48	55	7.9	40	2.5	100
RXT26034	RXT26034 NT	6.8	46	53	7.9	38	2.6	98
RXT26035	RXT26035 NT	8.2	46	53	7.9	35	2.8	95
RXT26036	RXT26036 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 specficed 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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