



S33000 SERIES

REF: M83446/10



ALL PARTS AVAILABLE AS CLASS S OR CLASS B

MIL-STD-981

Inductance Range (uH)	Typical Q	Current Rating (mA)
0.01 to 1000	30 to 87	25 to 1000

ELECTRICAL SPECIFICATIONS

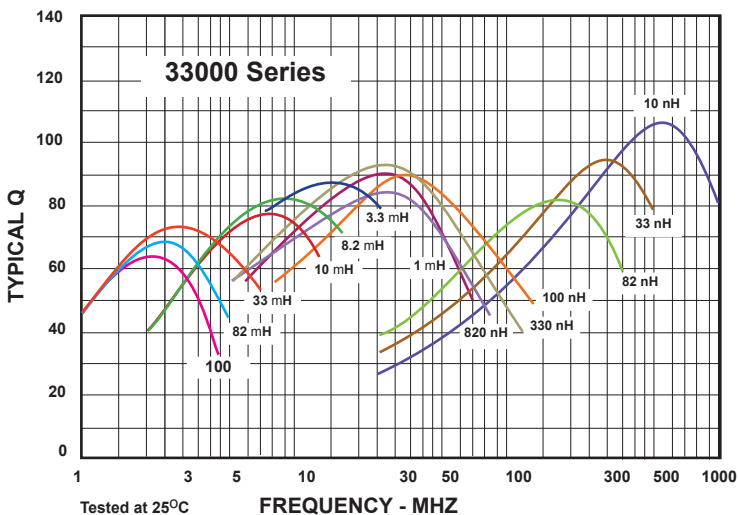
- **Inductance Range:** 0.01 uH to 1000 uH
- **Inductance Tolerance:** Standard is $\pm 10\%$, tighter tolerance available upon request
- **Resistance to Solder Heat:** 260°C for 10 seconds
- **Operating Temperature:** -55°C to +125°C
- **Storage Temperature:** -60°C to +130°C
- **Temperature Rise:** 30°C Max at 90°C Ambient
- **Temperature Coefficient of Inductance**
 - P/N S33000 thru S33047: +1600 PPM/°C Max.
- **Outgassing meets NASA spec SP-R-0022A:** TML $\leq 1\%$, CVCM $\leq .1\%$

FEATURES

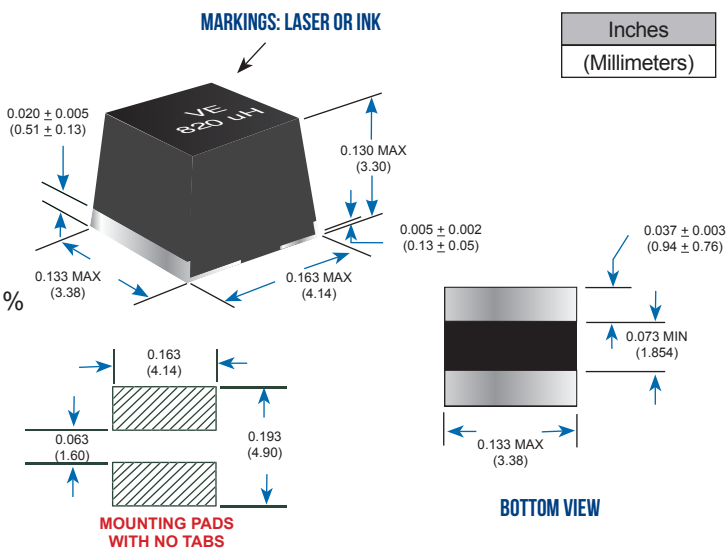
- **Internal Welded Terminations**
- **Terminations:** Tin-lead
- **Optional Terminations on Request:** Gold plated terminations
- **Tape and Reel Packaging Available**
- **Recommended Mounting Technique**
 - Reflow or Vapor Phase Soldering
 - Conductive Epoxy
 - Wire bonding (gold lead only)

APPLICATIONS

- **Additional Application Grades Available:**
 - Military Grade (MIL-PRF-83446)
 - High Temperature Grade (+200°C)
 - Commercial Grade



NO TABS



WITH TABS

