S26200 SERIES

QPL: M83446/04

AS9100 D CERTIFIED
ISO 9001 CERTIFIED
ITAR COMPLIANT

ALL PARTS AVAILABLE AS CLASS S OR CLASS B — MIL-STD-981

Inductance Range (uH)	Minimum Q	Current Rating (mA)
0.010 to 27	22 to 60	120 to 1270

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 +125°C
- **Storage Temperature:** -60°C to +130°C
- **Temperature Rise:** 30°C Max at 90°C Ambient
- **Temperature Coefficient of Inductance**
  - P/N S26200 thru 26011: +125 PPM/°C Max.
  - P/N S26212 thru 26036: +80 PPM/°C Max.

FEATURES

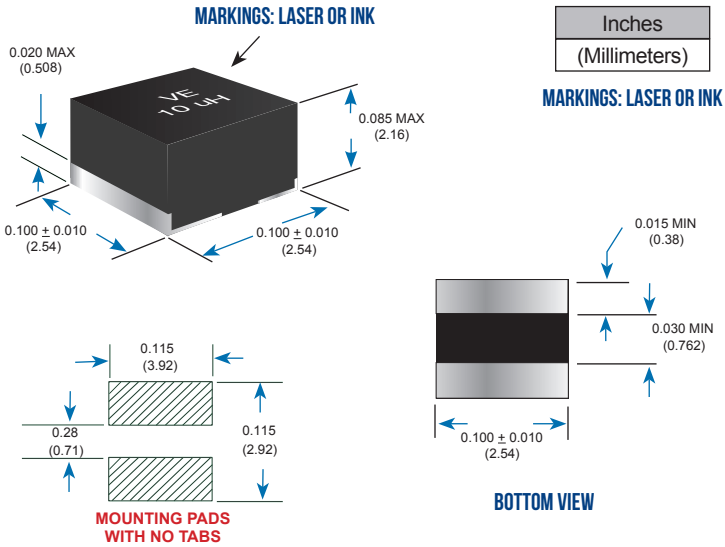
- **Transfer Molded Package**
- **Internal Welded Terminations**
- **Terminations:** Tin-lead over phosphor bronze
- **Optional Terminations on Request:** Gold plated terminations (add suffix "G")
- **Tape and Reel Packaging Available**
- **Recommended Mounting Technique**
  - Reflow or Vapor Phase Soldering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

APPLICATIONS

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

MIL-STD-981 Testing:
Add -"S" suffix for Class S Testing
Add -"B" suffix for Class B Testing

NO TABS



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DATA TABLE

WITHOUT TAB TERMINATIONS										
M83446/04 Dash No.	VE P/N	FREQ. MHZ	L (uH) NOM ± 10%	L (uH) MIN.	L (uH) MAX.	Q MIN.	SRF MIN. MHZ	DCR MAX. OHMS	DWV (VOLTS)	MAX. DC CURRENT (mA)
-01	S26201	25	0.12	.1080	.1320	30	750	.125	200	880
-02	S26202	25	0.15	.1350	.1650	25	650	.175	200	745
-03	S26203	25	0.18	.1620	.1980	25	550	.200	200	695
-04	S26204	25	0.22	.1980	.2420	25	450	.220	200	665
-05	S26205	25	0.27	.2430	.2970	25	375	.230	200	650
-06	S26206	25	0.33	.2970	.3630	25	300	.235	200	645
-07	S26207	25	0.39	.3510	.4290	22	235	.240	200	635
-08	S26208	25	0.47	.4230	.5170	22	215	.260	200	610
-09	S26209	25	0.56	.5040	.6160	22	195	.278	200	590
-10	S26210	25	0.68	.6120	.7480	22	175	.520	200	435
-11	S26211	25	0.82	.7380	.9020	22	160	.530	200	430
-12	S26212	25	1.00	.9000	1.100	22	145	.540	200	425
-13	S26213	7.9	1.20	1.080	1.320	22	130	.740	200	360
-14	S26214	7.9	1.50	1.350	1.650	22	115	.840	200	340
-15	S26215	7.9	1.80	1.620	1.980	22	105	.920	200	325
-16	S26216	7.9	2.20	1.980	2.420	22	85	1.00	200	310
-17	S26217	7.9	2.70	2.430	2.970	24	77	1.15	200	290
-18	S26218	7.9	3.30	2.970	3.630	24	70	1.40	200	260
-19	S26219	7.9	3.90	3.510	4.290	24	68	1.55	200	250
-20	S26220	7.9	4.70	4.230	5.170	24	60	1.80	200	230
-21	S26221	7.9	5.60	5.040	6.160	22	55	2.00	200	220
-22	S26222	7.9	6.80	6.120	7.480	22	50	2.20	200	210
-23	S26223	7.9	8.20	7.380	9.020	22	48	2.50	200	195
-24	S26224	7.9	10.00	9.000	11.00	24	40	3.45	200	165
-25	S26225	2.5	12.00	10.80	13.20	25	35	3.80	200	160
-26	S26226	2.5	15.0	13.50	16.50	25	30	5.60	200	135
-27	S26227	2.5	18.0	16.20	19.80	25	28	5.80	200	130
-28	S26228	2.5	22.0	19.80	24.20	25	25	6.40	200	125
-29	S26229	2.5	27.0	24.30	29.70	25	22	6.90	200	120
-30	S26230♦	50	.010	.0080	.0120	60	2700	.060	200	1270
-31	S26231♦	50	.015	.0120	.0180	55	2200	.078	200	1110
-32	S26232♦	50	.022	.0176	.0264	50	1800	.108	200	950
-33	S26233♦	50	.033	.0264	.0396	48	1450	.120	200	900
-34	S26234♦	50	.047	.0376	.0564	42	1220	.145	200	820
-35	S26235♦	50	.068	.0544	.0816	36	1000	.195	200	705
-36	S26236♦	50	.100	.0800	.1200	32	830	.230	200	650
-37	S26237	50	.010	.0090	.0110	60	2700	.060	200	1270

CUSTOM DESIGNS & MODIFICATIONS:

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

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-38	S26238	50	.012	.0108	.0132	57	2450	.069	200	1190
-39	S26239	50	.015	.0135	.0165	55	2200	.078	200	1110
-40	S26240	50	.018	.0162	.0198	52	2000	.093	200	1030
-41	S26241	50	.022	.0198	.0242	50	1800	.108	200	950
-42	S26242	50	.027	.0243	.0297	49	1625	.114	200	925
-43	S26243	50	.033	.0297	.0363	48	1450	.120	200	900
-44	S26244	50	.039	.0351	.0429	45	1335	.133	200	860
-45	S26245	50	.047	.0423	.0517	42	1220	.145	200	820
-46	S26246	50	.056	.0504	.0616	39	1110	.170	200	760
-47	S26247	50	.068	.0612	.0748	36	1000	.195	200	705
-48	S26248	50	.082	.0738	.0902	34	915	.212	200	675
-49	S26249	50	.100	.0900	.1100	32	830	.230	200	650

♦ **Tolerance on dash number 30 thru 36 (VE S26230 thru S26236) is ± 20%**

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