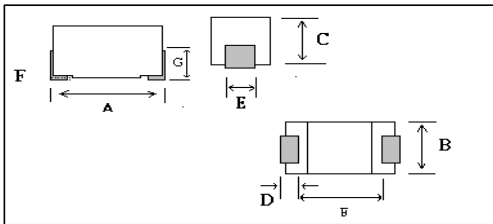


SMD-S1-1331



Characteristics

Operating temperature	-55°C to +125°C
Inductance tolerance	+/- 5%, +/- 10%,
Testing (Equivalent acceptable)	L & Q tested with HP 4342A IDC : CH-301 current source & DCR meter RDC : CH-301 current source & DCR meter SRF : HP-4191A .HP-4291B
Incremental Current	Based on the inductance change within 10% of initial value
Marking	mark inductor
	Reflow soldering 260° C 10 sec Resistance to soldering Heat 260 °C , 15 sec max
Packaging	1500/EA/reel 1800/EA is MAX

A: 0.300 to 0.325	7.62 to 8.26
B: 0.105 to 0.125	2.67 to 3.18
C: 0.125 to 0.145	3.18 to 3.68
D: 0.020 Min	0.508 Min
E: 0.040 to 0.060	1.02 to 1.52
F: 0.190 (Ref. Only)	4.83 (Ref. Only)
G: 0.070 (Ref. Only)	1.78 (Ref. Only)

PART NUMBER	L (uH)	TEST FREQ	Q Min	SRF (Mhz) Min	DCR (Ohms)		CURRENT RATING MAX. mA	INCREMENTAL CURRENT mA
					Max	Max		
SMDS1-1331-R10K	0.10	25MHz	45	490	0.10	670	670	
SMDS1-1331-R12K	0.12	25MHz	45	430	0.11	635	635	
SMDS1-1331-R15K	0.15	25MHz	45	415	0.12	610	610	
SMDS1-1331-R18K	0.18	25MHz	45	375	0.13	585	585	
SMDS1-1331-R22K	0.22	25MHz	45	330	0.15	545	545	
SMDS1-1331-R27K	0.27	25MHz	45	300	0.16	530	530	
SMDS1-1331-R33M	0.33	25MHz	44	260	0.18	495	495	
SMDS1-1331-R39M	0.39	25MHz	42	230	0.19	485	485	
SMDS1-1331-R47M	0.47	25MHz	41	220	0.21	460	460	
SMDS1-1331-R56M	0.56	25MHz	41	210	0.23	440	440	
SMDS1-1331-R68K	0.68	25MHz	39	180	0.24	430	430	
SMDS1-1331-R82K	0.82	25MHz	38	165	0.27	405	405	
SMDS1-1331-1R0K	1.0	25MHz	37	150	0.30	385	385	
SMDS1-1331-1R2K	1.2	7.9MHz	40	130	0.73	247	247	
SMDS1-1331-1R5K	1.5	7.9MHz	41	115	0.86	228	228	
SMDS1-1331-1R8K	1.8	7.9MHz	43	105	0.95	217	217	
SMDS1-1331-2R2K	2.2	7.9MHz	45	95	1.10	202	202	
SMDS1-1331-2R7K	2.7	7.9MHz	48	90	1.20	193	193	
SMDS1-1331-3R3K	3.3	7.9MHz	49	80	1.30	185	185	
SMDS1-1331-3R9K	3.9	7.9MHz	50	75	1.50	173	173	
SMDS1-1331-4R7K	4.7	7.9MHz	50	70	2.40	136	136	
SMDS1-1331-5R6K	5.6	7.9MHz	50	60	2.90	124	124	
SMDS1-1331-6R8K	6.8	7.9MHz	50	55	3.20	118	118	
SMDS1-1331-8R2K	8.2	7.9MHz	50	53	3.60	111	111	
SMDS1-1331-100K	10	7.9MHz	50	50	4.00	106	106	
SMDS1-1331-120K	12	2.5MHz	36	35	3.00	122	122	
SMDS1-1331-150K	15	2.5MHz	38	30	3.40	115	115	
SMDS1-1331-180K	18	2.5MHz	40	26	3.80	108	108	
SMDS1-1331-220K	22	2.5MHz	40	24	4.90	96	96	
SMDS1-1331-270K	27	2.5 MHz	40	21	5.8	88	88	
SMDS1-1331-330K	33	2.5 MHz	41	20	6.5	83	83	
SMDS1-1331-390K	39	2.5 MHz	42	19	7.9	75	75	
SMDS1-1331-470K	47	2.5 MHz	44	16	9.3	69	69	
SMDS1-1331-560K	56	2.5 MHz	44	15	11	64	64	
SMDS1-1331-680K	68	2.5 MHz	45	13	12	61	61	
SMDS1-1331-820K	82	2.5 MHz	45	11	13	59	59	
SMDS1-1331-101K	100	2.5 MHz	40	10.5	16.8	51	51	
SMDS1-1331-121K	120	0.79 MHz	31	13	5.8	27	27	
SMDS1-1331-151K	150	0.79 MHz	33	12	7.9	24	24	
SMDS1-1331-181K	180	0.79 MHz	33	11	9.4	22	22	
SMDS1-1331-221K	220	0.79 MHz	35	10	11	20	20	
SMDS1-1331-271K	270	0.79 MHz	35	9	12	18	18	
SMDS1-1331-331K	330	0.79 MHz	35	8	16	16	16	
SMDS1-1331-391K	390	0.79 MHz	35	7.8	21	14	14	
SMDS1-1331-471K	470	0.79 MHz	35	7.5	24	13	13	
SMDS1-1331-561K	560	0.79 MHz	35	7	28	12	12	