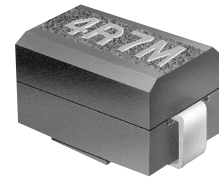


Electrical / Environmental

BCL 322522

1210 Industry Size Surface Mount Inductors

- Inductance Range 1.0 μ H to 220 μ H
- Standard Tolerance $\pm 10\%$ (<3.3 μ H = $\pm 20\%$)
- Operating Temperature Range -40°C to +105°C
- Ambient Temperature, Maximum 80°C
- Resistance to Solder Heat 260°C for 10 sec.
- Terminal Pull Strength, Minimum 0.5 kg



Specifications

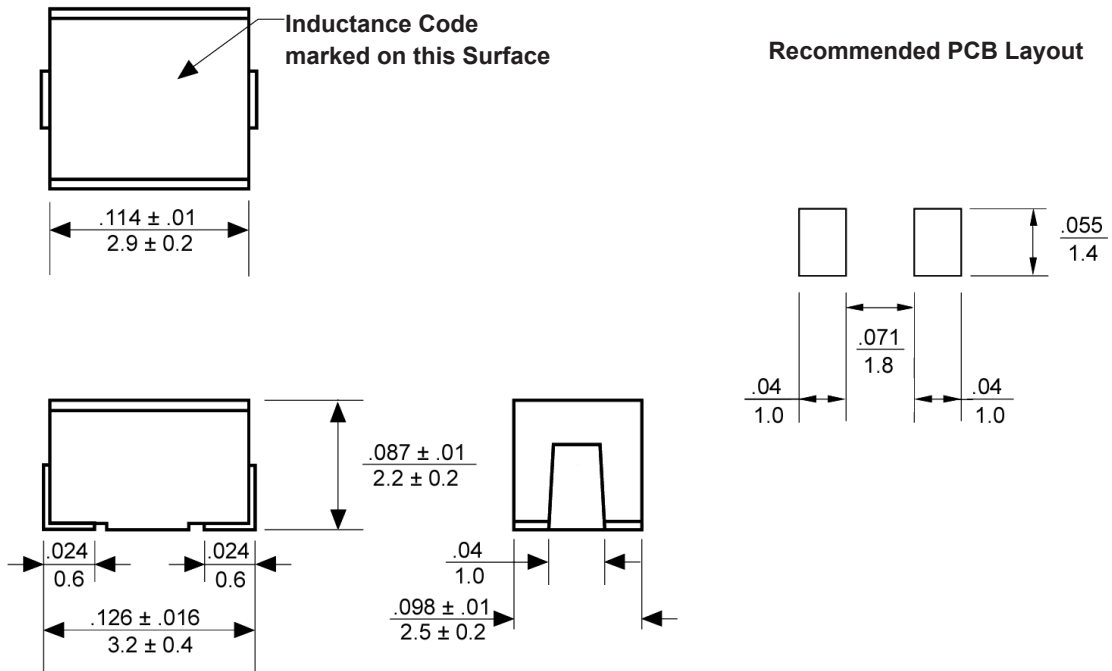
Part Number	Inductance μ H	Q Min.	Test Frequency MHz	SRF MHz Min.	DC Resistance Ω Max	Rated Current IDC mA
BCL322522-1R0MLF	1.0 $\pm 20\%$	30	7.96	120	0.70	400
BCL322522-1R2MLF	1.2 $\pm 20\%$	30	7.96	100	0.75	390
BCL322522-1R5MLF	1.5 $\pm 20\%$	30	7.96	85	0.85	370
BCL322522-1R8MLF	1.8 $\pm 20\%$	30	7.96	80	0.90	350
BCL322522-2R2MLF	2.2 $\pm 20\%$	30	7.96	75	1.00	320
BCL322522-2R7MLF	2.7 $\pm 20\%$	30	7.96	70	1.10	290
BCL322522-3R3KLF	3.3 $\pm 10\%$	30	7.96	60	1.20	260
BCL322522-3R9KLF	3.9 $\pm 10\%$	30	7.96	55	1.30	250
BCL322522-4R7KLF	4.7 $\pm 10\%$	30	7.96	50	1.50	220
BCL322522-5R6KLF	5.6 $\pm 10\%$	30	7.96	45	1.60	200
BCL322522-6R8KLF	6.8 $\pm 10\%$	30	7.96	40	1.80	180
BCL322522-8R2KLF	8.2 $\pm 10\%$	30	7.96	35	2.00	170
BCL322522-100KLF	10.0 $\pm 10\%$	30	2.52	30	2.10	150
BCL322522-120KLF	12.0 $\pm 10\%$	30	2.52	20	2.50	140
BCL322522-150KLF	15.0 $\pm 10\%$	30	2.52	20	2.80	130
BCL322522-180KLF	18.0 $\pm 10\%$	30	2.52	20	3.30	120
BCL322522-220KLF	22.0 $\pm 10\%$	30	2.52	20	3.70	110
BCL322522-270KLF	27.0 $\pm 10\%$	30	2.52	20	5.00	80
BCL322522-330KLF	33.0 $\pm 10\%$	30	2.52	17	5.60	70
BCL322522-390KLF	39.0 $\pm 10\%$	30	2.52	16	6.40	65
BCL322522-470KLF	47.0 $\pm 10\%$	30	2.52	15	7.00	60
BCL322522-560KLF	56.0 $\pm 10\%$	30	2.52	13	8.00	55
BCL322522-680KLF	68.0 $\pm 10\%$	30	2.52	12	9.00	50
BCL322522-820KLF	82.0 $\pm 10\%$	30	2.52	11	10.00	45
BCL322522-101KLF	100 $\pm 10\%$	20	0.796	10	11.00	40
BCL322522-121KLF	120 $\pm 10\%$	20	0.796	8	12.00	70
BCL322522-151KLF	150 $\pm 10\%$	20	0.796	8	16.00	65
BCL322522-181KLF	180 $\pm 10\%$	20	0.796	6	17.00	60
BCL322522-221KLF	220 $\pm 10\%$	20	0.796	6	21.00	50

Packaging

Standard: Embossed Tape & Reel

Reel:	Diameter:	=	7" (177.8mm)
	Capacity:	=	1000 Units

Outline Dimensions (Inch/mm)



Ordering Information

	BCL322522 - 330	K	LF	
Model Series				Lead-Free
Inductance Code:				
	<p>First 2 digits are significant. Last digit denotes the number of trailing zeros. For values below $10\mu\text{H}$, 'R' denotes the decimal point.</p>		<p>Inductance Tolerance:</p> <p>J = $\pm 5\%$ (Full inductance range)</p> <p>K = $\pm 10\%$ (Full inductance range)</p> <p>M = $\pm 20\%$ (Full inductance range)</p>	