

# BCL 322522

1210 Industry Size  
Surface Mount Inductors

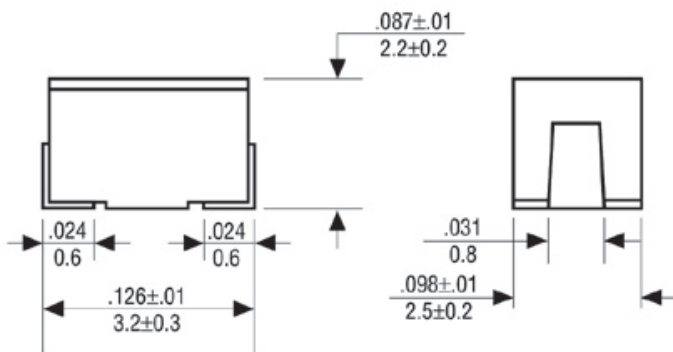
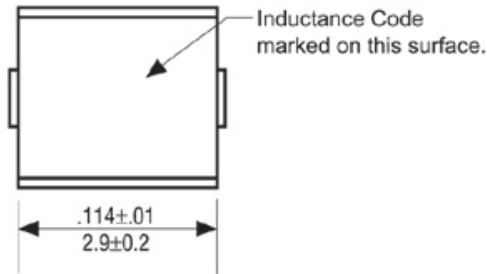


- Inductance Range 0.12µH to 120µH
- Standard Tolerance ±10% (<3.3µH = ±20%)
- Operating Temperature Range -40°C to +105°C
- Ambient Temperature, Maximum 80°C
- Resistance to Solder Heat 260°C for 10 sec.
- Terminal Pull Strength, Minimum 0.5 kg

## Specifications

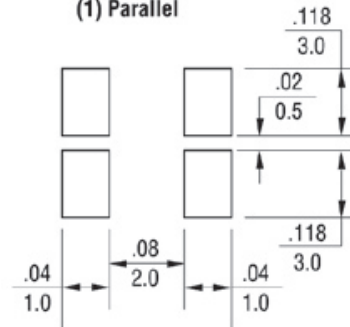
Part Number	Inductance µH	Q Min.	Test Frequency MHz	SRF MHz Min.	DC Resistance Ω Max	Rated Current IDC mA
BCL322522-R12M	0.12±20%	30	25.2	500	0.22	450
BCL322522-R15M	0.15±20%	30	25.2	450	0.25	450
BCL322522-R18M	0.18±20%	30	25.2	400	0.28	450
BCL322522-R22M	0.22±20%	30	25.2	350	0.32	450
BCL322522-R27M	0.27±20%	30	25.2	320	0.36	450
BCL322522-R33M	0.33±20%	30	25.2	300	0.40	450
BCL322522-R39M	0.39±20%	30	25.2	250	0.45	450
BCL322522-R47M	0.47±20%	30	25.2	220	0.50	450
BCL322522-R56M	0.56±20%	30	25.2	180	0.55	450
BCL322522-R68M	0.68±20%	30	25.2	160	0.60	450
BCL322522-R82M	0.82±20%	30	25.2	140	0.65	450
BCL322522-1R0M	1.0±20%	30	7.96	120	0.70	400
BCL322522-1R2M	1.2±20%	30	7.96	100	0.75	390
BCL322522-1R5M	1.5±20%	30	7.96	85	0.85	370
BCL322522-1R8M	1.8±20%	30	7.96	80	0.90	350
BCL322522-2R2M	2.2±20%	30	7.96	75	1.00	320
BCL322522-2R7M	2.7±20%	30	7.96	70	1.10	290
BCL322522-3R3K	3.3±10%	30	7.96	60	1.20	260
BCL322522-3R9K	3.9±10%	30	7.96	55	1.30	250
BCL322522-4R7K	4.7±10%	30	7.96	50	1.50	220
BCL322522-5R6K	5.6±10%	30	7.96	47	1.60	200
BCL322522-6R8K	6.8±10%	30	7.96	43	1.80	180
BCL322522-8R2K	8.2±10%	30	7.96	40	2.00	170
BCL322522-100K	10.0±10%	30	2.52	36	2.10	150
BCL322522-120K	12.0±10%	30	2.52	33	2.50	140
BCL322522-150K	15.0±10%	30	2.52	28	2.80	130
BCL322522-180K	18.0±10%	30	2.52	25	3.30	120
BCL322522-220K	22.0±10%	30	2.52	23	3.70	110
BCL322522-270K	27.0±10%	30	2.52	18	5.00	80
BCL322522-330K	33.0±10%	30	2.52	17	5.60	70
BCL322522-390K	39.0±10%	30	2.52	16	6.40	65
BCL322522-470K	47.0±10%	30	2.52	15	7.00	60
BCL322522-560K	56.0±10%	30	2.52	13	8.00	55
BCL322522-680K	68.0±10%	30	2.52	12	9.00	50
BCL322522-820K	82.0±10%	30	2.52	11	10.00	45
BCL322522-101K	100±10%	20	0.796	10	11.00	40
BCL322522-121K	120±10%	20	0.796	10	12.00	70

### Outline Dimensions (Inch/mm)

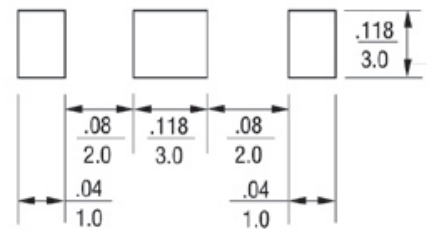


### Recommended PDB Layout

#### (1) Parallel



#### (2) Series



### Packaging

**Standard:** Embossed Tape & Reel

Reel: Diameter = 7" (177.8mm)  
Capacity = 2000 Units

### Ordering Information

