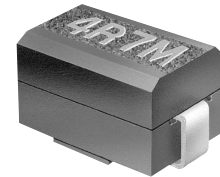


Electrical / Environmental

BCL 453232

1812 Industry Size
Surface Mount Inductors

- Inductance Range 0.1µH to 1000µH
- Standard Tolerance ±10% (<1.0µH = ±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



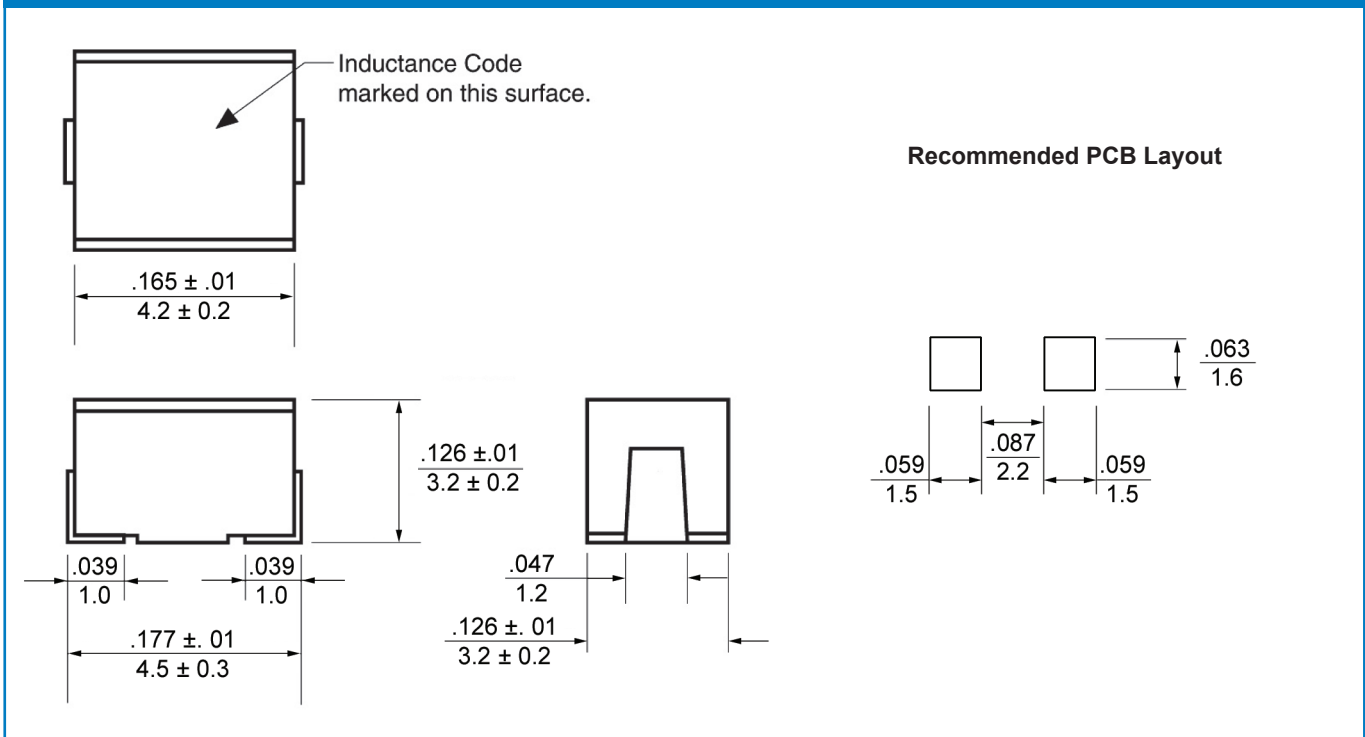
Specifications

Part Number	Inductance µH	Tolerance	Q Min.	Test Frequency MHz	SRF MHz Min.	DC Resistance Ω Max	Rated Current IDC mA
BCL453232-R10MLF	0.10	M	35	25.2	300	0.18	800
BCL453232-R12MLF	0.12	M	35	25.2	280	0.20	770
BCL453232-R15MLF	0.15	M	35	25.2	250	0.22	730
BCL453232-R18MLF	0.18	M	35	25.2	220	0.24	700
BCL453232-R22MLF	0.22	M	40	25.2	200	0.25	665
BCL453232-R27MLF	0.27	M	40	25.2	180	0.26	635
BCL453232-R33MLF	0.33	M	40	25.2	165	0.28	605
BCL453232-R39MLF	0.39	M	40	25.2	150	0.30	575
BCL453232-R47MLF	0.47	M	40	25.2	145	0.32	545
BCL453232-R56MLF	0.56	M	40	25.2	140	0.36	520
BCL453232-R68MLF	0.68	M	40	25.2	135	0.40	500
BCL453232-R82MLF	0.82	M	40	25.2	130	0.45	475
BCL453232-1R0KLF	1.0	K	50	7.96	100	0.50	450
BCL453232-1R2KLF	1.2	K	50	7.96	80	0.55	430
BCL453232-1R5KLF	1.5	K	50	7.96	70	0.60	410
BCL453232-1R8KLF	1.8	K	50	7.96	60	0.65	390
BCL453232-2R2KLF	2.2	K	50	7.96	55	0.70	380
BCL453232-2R7KLF	2.7	K	50	7.96	50	0.75	370
BCL453232-3R3KLF	3.3	K	50	7.96	45	0.80	355
BCL453232-3R9KLF	3.9	K	50	7.96	40	0.90	330
BCL453232-4R7KLF	4.7	K	50	7.96	35	1.00	315
BCL453232-5R6KLF	5.6	K	50	7.96	33	1.10	300
BCL453232-6R8KLF	6.8	K	50	7.96	27	1.20	285
BCL453232-8R2KLF	8.2	K	50	7.96	25	1.40	270
BCL453232-100KLF	10.0	K	50	2.52	20	1.60	250
BCL453232-120KLF	12.0	K	50	2.52	18	2.00	225
BCL453232-150KLF	15.0	K	50	2.52	17	2.50	200
BCL453232-180KLF	18.0	K	50	2.52	15	2.80	190
BCL453232-220KLF	22.0	K	50	2.52	13	3.20	180
BCL453232-270KLF	27.0	K	50	2.52	12	3.60	170
BCL453232-330KLF	33.0	K	50	2.52	11	4.00	160
BCL453232-390KLF	39.0	K	50	2.52	10	4.50	150
BCL453232-470KLF	47.0	K	50	2.52	10	5.00	140
BCL453232-560KLF	56.0	K	50	2.52	9.0	5.50	135
BCL453232-680KLF	68.0	K	50	2.52	9.0	6.00	130
BCL453232-820KLF	82.0	K	50	2.52	8.0	7.00	120
BCL453232-101KLF	100	K	40	0.796	8.0	8.00	110
BCL453232-121KLF	120	K	40	0.796	6.0	8.00	110
BCL453232-151KLF	150	K	40	0.796	5.0	9.00	105
BCL453232-181KLF	180	K	40	0.796	5.0	9.50	102
BCL453232-221KLF	220	K	40	0.796	4.0	10.0	100

Specifications (Cont'd)

Part Number	Inductance μH	Tolerance	Q Min.	Test Frequency MHz	SRF MHz Min.	DC Resistance Ω Max	Rated Current IDC mA
BCL453232-271KLF	270	K	40	0.796	4.0	12.0	92
BCL453232-331KLF	330	K	40	0.796	3.5	14.0	85
BCL453232-391KLF	390	K	40	0.796	3.0	18.0	80
BCL453232-471KLF	470	K	40	0.796	3.0	26.0	62
BCL453232-561KLF	560	K	30	0.796	3.0	30.0	50
BCL453232-681KLF	680	K	30	0.796	3.0	30.0	50
BCL453232-821KLF	820	K	30	0.796	2.5	35.0	30
BCL453232-102KLF	1,000	K	20	0.252	2.5	40.0	30

Outline Dimensions (Inch/mm)



Packaging

Standard: Embossed Tape & Reel

Reel: Diameter: = 7" (177.8mm)
Capacity: = 500 Units

Ordering Information

