

CM45 Series

Inductance μH	Q	Test Freq (MHz)	Min. Self Res. Frequency MHz	Max. DC Res. Ω	Max. DC Current mA	Order Code	
0.10	±20%	35	25.2	300	0.18	800	557-158
0.22	±20%	40	25.2	200	0.25	665	557-171
0.33	±20%	40	25.2	165	0.28	605	557-183
0.47	±20%	40	25.2	145	0.32	545	557-195
0.68	±20%	40	25.2	135	0.40	500	557-201
1.0	±10%	50	7.96	100	0.50	450	557-213
1.5	±10%	50	7.96	70	0.60	410	557-225
2.2	±10%	50	7.96	55	0.70	380	557-237
4.7	±10%	50	7.96	35	1.0	315	557-250
10.0	±10%	50	2.52	20	1.6	250	557-274
15.0	±10%	50	2.52	17	2.5	200	557-286
22.0	±10%	50	2.52	13	3.2	180	557-298
33.0	±10%	50	2.52	11	4.0	160	557-304
47.0	±10%	50	2.52	10	5.0	140	557-316
68.0	±10%	50	2.52	9	6.0	130	557-328
100	±10%	40	0.796	8	8.0	110	557-330
220	±10%	40	0.796	4	10.0	100	557-353
330	±10%	40	0.796	3.5	14.0	85	557-365
470	±10%	40	0.796	3.0	26.0	62	557-377
680	±10%	30	0.796	3.0	30.0	50	557-389

Order Multiple = 10

Price Each

Order Code	10+	50+	100+	500+	1000+
CM32 Series	All Values				
CM45 Series	All Values				

Inductor Kits – Surface Mount



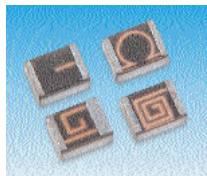
- Surface Mount wire wound inductor kits containing a range of values from the Bourns CM45 series. Suitable for use in research and development laboratories
- Popular values can be refilled from stock

Kits contain 10 pieces of each value in the E6 series of values.
CM453232-LAB1: 0.μH to 1000μH (25 values)

Price Each

Mfrs. List No.	Order Code	1+	5+	10+
CM453232-LAB1	557-419			

Accu-L® Series – Surface Mount 0805 Case Size



L = 2.11 ± 0.1,
W = 1.5 ± 0.1,
H = 0.91 ± 0.13

Supplied on 8mm embossed tape

- Ultra-compact high frequency SMD inductors especially designed to meet the ever increasing demands within the telecommunications industry for extended frequencies
- Meet the requirements of current cellular frequencies of 450MHz and 900MHz, also future frequencies of 1700MHz, 1900MHz and 2400MHz.
- Construction based on thin-film multilayer technology which provides a high consistency of physical and electrical characteristics, resulting in reliable batch repeatability.

Inductance (Test frequency 450MHz)	Q Factor	Min. Self Res. Frequency MHz	Max. DC Resistance Ω	Max. DC Current (1) (2)	Mfrs. List No.	Order Code		
2.7	42	±0.5nH	10000	0.08	1000	2000	L08052R7DEW	529-059
3.3	38	±0.5nH	10000	0.11	750	1500	L08053R3DEW	529-060
4.7	43	±0.5nH	5500	0.10	750	1500	L08054R7DEW	529-072
5.6	50	±0.5nH	4600	0.10	750	1500	L08055R6DEW	529-084
6.8	43	±0.5nH	4500	0.11	750	1500	L08056R8DEW	529-096
8.2	43	±0.5nH	3500	0.12	750	1500	L08058R2DEW	529-102
10	46	±5%	2500	0.13	750	1500	L0805100JEW	529-114
15	36	±5%	2200	0.20	750	1500	L0805150JEW	529-126
22	36	±5%	1400	0.40	500	1000	L0805220JEW	529-138

(1) DC current measured for 15°C rise at 25°C ambient temperature

(2) DC current measured for 70°C rise at 25°C ambient temperature

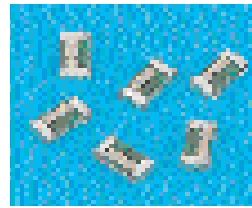
Operating temperature -55°C to +125°C

Order Multiple=5

Price Each

Order Code	5+	50+	100+	500+	1000+
All Values					

3640 Series 0603 Case Size



H = 0.5, W = 0.8, L = 1.6

Supplied on 8mm tape (reel = 500pcs)

- Thin film technology surface mount RF inductors
 - 0603 case size
 - Tight tolerances with narrow distributions
 - High Q factor
 - Suitable for telecommunications applications
- Operating temperature -40°C to +125°C
Temperature coefficient 0 to +125ppm/°C
Self resonant frequency 6000MHz

Inductance (nH)	Tolerance	Q	Test Freq. (MHz)	DC res. (Ω)	Current Max. (mA)	Mfrs. List No.	Order Code
1.0	±0.2nH	20	300	0.1	1000	36401J1N0A	323-7760
1.5	±0.2nH	20	300	0.1	1000	36401J1N5A	323-7771
2.2	±0.2nH	20	300	0.15	800	36401J2N2A	323-7783
3.3	±0.2nH	20	300	0.2	700	36401J3N3A	323-7795
4.7	±0.2nH	20	300	0.25	600	36401J4N7A	323-7801
6.8	±0.2nH	15	300	0.5	400	36401J6N8A	323-7813
10	±0.2%	15	300	1.0	300	36401J10NG	323-7825
15	±0.2%	15	300	1.0	300	36401J15NG	323-7837
22	±0.2%	15	300	1.5	250	36401J22NG	323-7849
33	±0.2%	15	200	2.0	200	36401J33NG	323-7850
39	±0.2%	15	200	3.0	180	36401J39NG	323-7862
47	±0.2%	15	200	3.0	180	36401J47NG	323-7874
68	±0.2%	15	200	4.5	140	36401J68NG	323-7886
100	±0.2%	15	200	8.5	100	36401JR10G	323-7898

Order Multiple=5

Price Each

Order Code	5+	50+	100+	500+
All Values				

3640 - Laboratory Kit



- Surface mount ring binder laboratory kit
- 0603 thin film inductors
- Can be easily restocked
- Also contains 0402 size

Kit contains 20 of each Inductance Value

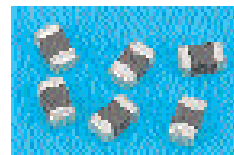
0603 case size	1.0nH, 1.5nH, 2.2nH, 3.3nH, 4.7nH, 6.8nH, 10nH, 15nH, 22nH, 33nH, 39nH, 47nH, 68nH, 100nH
0402 case size	1.0nH, 1.5nH, 2.2nH, 3.3nH, 4.7nH, 6.8nH, 8.2nH, 15nH, 22nH, 33nH

Order Code

Price Each

Laboratory kit	323-7904	1+	3+
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BMB Series - Ferrite Chip Beads 0805 Case Size



H = 0.9, W = 1.2, L = 2.0

Supplied on 8mm tape (reel = 500pcs)

- Surface mount ferrite noise reduction beads
- 0805 case size
- Types A and L for general use
- Type B for high frequency to minimise signal waveform attenuation
- Type R for low frequency to prevent signal ringing in digital circuits

Type	Impedance @ 100MHz (Ω)	DC res. Max. (Ω)	Current Rating (mA)	Mfrs. List No.	Order Code
A	120	0.6	200	BMB2A0120AN1	323-7916
A	120	0.3	300	BMB2A0120AN4	323-7928
A	150	0.6	200	BMB2A0150AN1	323-7930
A	220	0.5	200	BMB2A0220AN4	323-7941
A	300	1.0	200	BMB2A0300AN1	323-7953
L	60	0.1	700	BMB2A0060LN2	323-7965
L	300	0.2	400	BMB2A0300LN2	323-7977
B	1000	0.3	300	BMB2A1000LN2	323-7989
B	5	0.2	300	BMB2A005BN3	323-7990
B	56	0.2	300	BMB2A0056BN3	323-8003
B	120	0.4	300	BMB2A0120BN3	323-8015
B	200	0.4	200	BMB2A0200BN3	323-8027
B	300	0.5	200	BMB2A0300BN3	323-8039
B	600	0.5	200	BMB2A0600BN3	323-8040
B	750	0.7	200	BMB2A0750BN3	323-8052
B	1000	0.7	200	BMB2A1000BN3	323-8064
R	120	0.3	300	BMB2A0120RS2	323-8076
R	430	0.5	200	BMB2A0430RS2	323-8088
R	600	0.5	200	BMB2A0600RS2	323-8090

Order Multiple=10

Price Each

Order Code	10+	100+	500+	1000+
Type A	All Values			
Type L and B	All Values			
Type R	All Values			