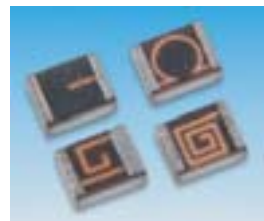


CM45 Series		Min. Self Res.	Max. DC Res.	Max DC Current	Order Code
Inductance (μH)	Tolerance	Q	Test Freq. (MHz)	Frequency (MHz)	
100	±10%	40	0.796	8	935-8056
220	±10%	40	0.796	4	935-8099
330	±10%	40	0.796	3.5	935-8129
470	±10%	40	0.796	3	935-8145
680	±10%	30	0.796	3	935-8170

Order Multiple=10	Type	Order Code	10+	50+	100+	500+	+
CM32 Series	All Values	38.00	33.00	32.00	28.00	--	--
CM45 Series	All Values	29.00	28.00	25.00	19.00	--	--

**Accu-L® Series – Surface Mount**  
0805 Case Size



- Ultra-compact high frequency SMD inductors especially designed to meet the ever increasing demands within the telecommunications industry for extended frequencies
- Construction based on thin-film multilayer technology which provides a high consistency of physical and electrical characteristics, resulting in reliable batch repeatability.

L=2.11±0.1, W=1.5±0.1, H=0.91±0.13

Supplied on 8mm embossed tape

Inductance (nH)	Q Factor (Test frequency 450MHz)	Min. Self Res. (MHz)	Max. DC Res. (Ω)	DC Current (1)	DC Current (2)	Mfrs. List No.	Order Code
2.7	42	±0.5nH	10000	0.08	1000	2000	L08052R7DESTR 110-0442
3.3	38	±0.5nH	10000	0.11	750	1500	L08053R3DESTR 110-0443
4.7	43	±0.5nH	5500	0.1	750	1500	L08054R7DESTR 110-0444
5.6	50	±0.5nH	4600	0.1	750	1500	L08055R6DESTR 110-0445
6.8	43	±0.5nH	4500	0.11	750	1500	L08056R8DESTR 110-0446
8.2	43	±0.5nH	3500	0.12	750	1500	L08058R2DESTR 110-0447
10	46	±5%	2500	0.13	750	1500	L0805100JESTR 110-0448
15	36	±5%	2200	0.2	750	1500	L0805150JESTR 110-0449
22	36	±5%	1400	0.4	500	1000	L0805220JESTR 110-0450

(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	Order Code	5+	50+	100+	250+	+
All Values		56.00	49.00	41.00	34.00	--

**3640 Series**

0402 & 0603 Case Sizes



- Thin film technology surface mount RF inductors
- 0402 and 0603 case sizes
- 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 7000MHz

H=0.5, W=0.8, L=1.6  
Supplied on 8mm tape (reel=500pcs)

Inductance (nH)	Q	Test. Freq. (MHz)	DC Res. (Ω)	Current Max. (mA)	Mfrs. List No.	Order Code
<b>0402 Case Size</b>						
1	±0.2%	10	300	0.1	1200	36401E1N0A 117-4118
1.5	±0.2%	10	300	0.15	930	36401E1N5A 117-4119
2.2	±0.2%	10	300	0.2	600	36401E2N2A 117-4120
3.3	±0.2%	10	300	0.3	500	36401E3N3A 117-4121
4.7	±0.2%	10	300	0.6	340	36401E4N7A 117-4122
6.8	±0.2%	10	300	0.8	290	36401E6N8A 117-4123
8.2	±0.2%	10	300	1.3	230	36401E8N2A 117-4124
10	±2%	10	300	1.50	210	36401E10NJ 117-4126
22	±3%	10	300	0.1	1200	36401E22NJ 117-4127
33	±3%	10	200	3.60	130	36401E33NJ 117-4128
<b>0603 Case Size</b>						
1	±0.2nH	20	300	0.1	1000	36401J1N0A 117-4040
1.5	±0.2nH	20	300	0.1	1000	36401J1N5A 117-4041
2.2	±0.2nH	20	300	0.15	800	36401J2N2A 117-4042
3.3	±0.2nH	20	300	0.2	700	36401J3N3A 117-4043
4.7	±0.2nH	20	300	0.25	600	36401J4N7A 117-4044
6.8	±0.2nH	15	300	0.5	400	36401J6N8A 117-4045
10	±0.2%	15	300	1	300	36401J10NG 117-4047
15	±0.2%	15	300	1	300	36401J15NG 117-4048
22	±0.2%	15	300	1.5	250	36401J22NG 117-4049
33	±0.2%	15	200	2	200	36401J33NG 117-4050
39	±0.2%	15	200	3	180	36401J39NG 117-4051
47	±0.2%	15	200	3	180	36401J47NG 117-4052
68	±0.2%	15	200	4.5	140	36401J68NG 117-4053
100	±0.2%	15	200	8.5	100	36401J100G 117-4054

Case Size	Order Code	5+	50+	100+	500+
0402	All Values	18.00	15.00	14.00	12.00
0603	All Values	13.00	12.00	10.00	8.00

**BMB Series - Ferrite Chip Beads**

0805 Case Size



H=0.9, W=1.2, L=2.0  
Supplied on 8mm tape (reel=500pcs)

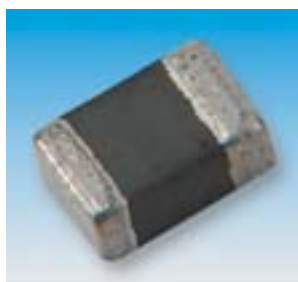
- Surface mount ferrite noise reduction beads
- 0805 case size
- Types A and L for general use
- Type B for high frequency to minimise signal waveform attenuation
- Type R for low frequency to prevent signal ringing in digital circuits

Type	Impedance @ 100MHz (Ω)	DC Res. Max. (Ω)	Current rating (mA)	Mfrs. List No.	Order Code
A	120	0.6	200	BMB2A0120AN1	119-3413
A	120	0.3	300	BMB2A0120AN4	119-3414
A	150	0.6	200	BMB2A0150AN1	119-3415
A	220	0.5	200	BMB2A0220AN4	119-3416
A	300	1	200	BMB2A0300AN1	119-3418
L	60	0.1	700	BMB2A0060LN2	119-3419
L	300	0.2	400	BMB2A0300LN2	119-3420
L	1000	0.3	300	BMB2A1000LN2	119-3421
B	120	0.4	300	BMB2A0120BN3	119-3422
B	600	0.5	200	BMB2A0600BN3	119-3423
B	1000	0.7	200	BMB2A1000BN3	119-3424
R	600	0.5	200	BMB2A0600RS2	119-3425

Order Multiple=10	Type	Order Code	10+	100+	500+	1K+
Type A	All Values	10.00	8.00	6.00	4.00	
Type L and B	All Values	14.00	12.00	9.00	6.00	
Type R	All Values	19.00	14.00	13.00	8.00	

**LQG21N Series**

0805 Case Size



- Miniature SMD inductors using multilayer process technology and magnetic materials
- Magnetically shielded design – ideal for high density mounting
- Approximately 1/4 the size of conventional chip coils while still retaining high reliability
- 0805 case size

L=2.0, W=1.25, H=0.85  
(3.3, 4.7μH=1.25)

Operating temperature -40°C to +85°C Test Frequency 25MHz (up to 0.68μH)  
25MHz (1.0 to 4.7μH)

Inductance μH	Inductance Tolerance	Q Factor Min.	DC Resistance Ω Max.	Self Resonance Freq. MHz Min	Allowable Current mA	Order Code
0.1	±10%	20	0.26	340	250	952-7893
0.15	±10%	20	0.32	270	250	952-7907
0.22	±10%	20	0.38	220	250	952-7915
0.33	±10%	20	0.48	180	250	952-7923
0.47	±10%	25	0.57	150	200	952-7931
0.68	±10%	25	0.72	125	150	952-7940
1	±10%	45	0.4	107	50	952-7850
1.5	±10%	45	0.5	87	50	952-7869
3.3	±10%	45	0.8	59	30	952-7877
4.7	±10%	45	1	47	30	952-7885

LQM21NNR10K10D	952-7893	LQM21NNR47K10D	952-7931	LQM21NN1R5K10D	952-7869
LQM21NNR15K10D	952-7907	LQM21NNR68K10D	952-7940	LQM21NN3R3K10L	952-7877
LQM21NNR22K10D	952-7915	LQM21NN1R0K10D	952-7850	LQM21NN4R7K10L	952-7885
LQM21NNR33K10D	952-7923				

Order Multiple=5	Order Code	5+	50+	100+	500+	+
All Values		23.00	16.00	16.00	10.00	--

**LQH3C Series**

1210 Case Size



L=3.2, W=2.5, H=2.0

- 1210 size chip inductors (wire wound on ferrite)
- Features low DC resistance to combine high inductance with high current capacity
- High impedance
- Excellent for use as choke coils in DC power supply circuits

Operating temperature -25°C to +85°C Test Frequency 1MHz (1kHz 470μH)

EMC, Filters & Suppression

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Compliant Non-compliant + Limited stock - RoHS replacement available  
**RoHS**