

nH	Max. (Ω)	Current (mA)	(min)	Frequency (MHz)	Frequency (MHz)	Order Code
56	1.2	250	12	100	1800	158-641
68	1.3	250	12	100	1500	158-653
82	1.5	250	12	100	1500	158-665
100	1.8	250	12	100	1300	158-677
150	4.5	100	5	25.2	1100	387-6901
220	7.5	70	4	25.2	900	387-6925

**SIMID 0603C Series 0603 Case Size**

1	0.05	500	7	100	6000	387-6937
1.2	0.06	500	7	100	6000	387-6949
1.5	0.07	500	8	100	6000	387-6950
1.8	0.08	500	8	100	6000	387-6962
2.2	0.09	500	8	100	6000	387-6974
3.3	0.12	500	9	100	5500	387-6986
4.7	0.17	450	9	100	4800	387-6998
5.6	0.18	430	9	100	4600	387-7000
6.8	0.20	430	9	100	3550	387-7012
10	0.32	400	10	100	2800	387-7024
15	0.41	350	10	100	2500	387-7036
22	0.5	300	10	100	2000	387-7048
47	0.95	250	11	100	1800	387-7061
68	1.3	250	12	100	1500	387-7073
100	1.8	200	12	100	1300	387-7085
150	4.5	100	5	25.2	1100	387-7097
180	6.5	80	4	25.2	1000	387-7103
220	7.5	70	4	25.2	900	387-7115

204164

**Order Multiple=5**

Order Code	5+	100+	250+	500+	+
<b>SIMID 0603A Series All Values</b>	39.00	31.00	24.00	18.00	--
<b>SIMID 0603C Series All Values</b>	25.00	20.00	15.00	11.00	--

Available on Full Reels, please call for details

**SIMID 0603C Series Full Reels**

0603 Case Size

- Ceramic cored SMD inductors in 0603 size case supplied on full reels

Inductance nH	DC Res. Max. (Ω)	Current mA	Q min	Manufacturer's List No.	Order Code
1.8	0.08	500	8	B82496C3189A	476-4651
6.8	0.20	430	9	B82496C3689A	476-4705
68	1.3	250	12	B82496C3680J	476-4766
180	6.5	80	4	B82496C3181J	476-4791

423519

**Order Multiple=5**

Order Code	Reel Quantity	1+	3+	5+
<b>SIMID 0603C Series All Values</b>	4000	20,049.00	19,347.00	18,706.00

**SIMID 0805B Series**



- Ceramic or ferrite cored inductors in 0805 package
- L and Q values measured at one frequency (fQ/fL)
- Suitable for IR, vapour phase and wave soldering
- Supplied on 8mm embossed tape

Tolerance ±5% Climatic category 55/125/56

H=1.6 W=2.2 D=14

LN nH	Rmax Ω	IN mA	fQ/fL MHz	Frequency MHz	Q	Order Code
2.7	0.03	1000	250	6000	20	400-0341
6.8	0.05	800	250	5500	30	400-0353
8.2	0.06	700	250	5000	35	400-0365
10	0.06	700	250	4500	40	400-0377
12	0.06	700	250	4000	40	400-0389
15	0.07	670	250	3500	45	400-0390
18	0.07	670	250	3300	45	400-0407
22	0.09	600	250	2600	45	400-0419
33	0.12	520	250	2150	45	400-0420
39	0.1	560	250	2050	50	400-0432
47	0.13	500	200	1900	45	400-0444
68	0.19	410	200	1550	45	400-0456
82	0.21	390	150	1430	40	400-0468
100	0.26	350	150	1310	40	400-0470
120	0.44	270	150	1210	40	400-0481
150	0.44	270	100	1120	35	400-0493
180	0.47	260	100	1030	35	400-0500
220	0.55	240	100	950	35	400-0511
330	1	180	100	800	35	400-0523
390	1.9	130	100	730	35	400-0535
470	2.4	115	100	660	35	400-0547
680	0.5	250	25.2	450	20	400-0559
820	0.55	240	25.2	400	20	400-0560
1000	0.5	250	7.96	350	20	400-0572
1200	0.65	220	7.96	300	20	400-0584
1500	0.75	200	7.96	250	20	400-0596
1800	0.85	190	7.96	250	20	400-0602
2200	1.7	130	7.96	200	20	400-0614
3300	3.3	100	7.96	200	20	400-0626
3900	3.6	95	7.96	150	20	400-0638
4700	3.8	90	7.96	150	20	400-0640

204166

Order Code	1+	100+	250+	500+	+
<b>SIMID 0805B Series All Values</b>	53.00	38.00	29.00	21.00	--

**SIMID 0805B Series Full Reels**



- Ceramic or ferrite cored inductors in 0805 package supplied on full reels

**NEW**

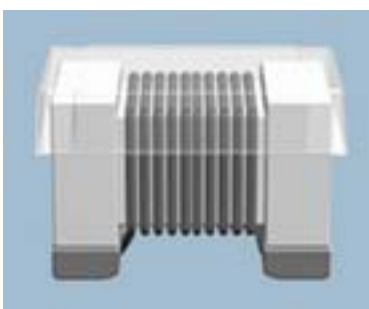
Inductance nH	DC Res. Max. (Ω)	Current (mA)	Q min	Manufacturer's List No.	Order Code
12	0.06	700	40	B82498B3120J	476-5060
22	0.09	600	45	B82498B3220J	476-5096
33	0.12	520	45	B82498B3330J	476-5126
47	0.13	500	45	B82498B3470J	476-5151
1000	0.5	250	20	B82498B1102J	476-5011
4700	3.8	90	20	B82498B1472J	476-5035

423520

**Order Multiple=5**

Order Code	Reel Quantity	1+	3+	5+
<b>SIMID 0805B Series All Values</b>	3000	49,855.00	48,111.00	46,506.00

**SIMID 0805F Series**



- Ceramic or ferrite cored inductors in 0805 package
- L and Q values measured at one frequency (fQ/fL)
- Suitable for IR, vapour phase and wave soldering
- Supplied on 8mm embossed tape

**NEW**

Tolerance ±10% Climatic category 55/125/56

H=1.6 W=2.2 D=14

LN nH	Rmax Ω	IN mA	fQ/fL MHz	Frequency MHz	Q	Mfrs. List	Order Code
10	0.09	700	250	500	50	B82498F3100J	880-8112
22	0.08	700	250	500	60	B82498F3220J	880-8120
33	0.11	600	250	500	65	B82498F3330J	880-8139
47	0.13	600	200	500	65	B82498F3470J	880-8147
68	0.18	500	200	500	60	B82498F3680J	880-8155
100	0.28	450	150	500	55	B82498F3101J	880-8163
220	0.7	320	100	250	55	B82498F3221J	880-8171
330	1.5	220	100	250	45	B82498F3331J	880-8180
470	1.9	190	50	100	30	B82498F3471J	880-8198
680	1.7	190	25	50	23	B82498F3681J	880-8201
1000	0.5	250	7.96	7.96	15	B82498F1102J	880-8210
2200	2	120	7.96	7.96	15	B82498F1222J	880-8228
3300	3.3	100	7.96	7.96	15	B82498F1332J	880-8236
4700	3.8	90	7.96	7.96	15	B82498F1472J	880-8244

386500

**Order Multiple=5**

Order Code	5+	50+	100+	500+	+
<b>SIMID 0805-F Series All Values</b>	41.00	35.00	30.00	26.00	--

**SIMID 1008, 1812, 1210 & 2220 Series**

SIMID 1008 case size H=1.6, W=2.5, D=2



SIMID 1812 case size H=3.2, W=4.5, D=3.2

SIMID 2220 case size H=5, W=5.6, D=5

SIMID 1210A case size H=1.9, W=3.2, D=2.5

- Miniature, encapsulated ferrite and ceramic cored chip inductors sizes
- Suitable for wave and reflow soldering.
- SIMID 2220, 1812 and 1210A series are supplied on 12mm embossed tape in accordance with IEC286 PT3
- SIMID 1008 series are supplied on 8mm embossed tape in accordance with EIAJ-RC-1009B.
- The inductance value is clearly marked on each component body.

Inductance μH	Tolerance %	DC Resistance Max. Ω	Max. dc Current mA	Q factor Min	Test Frequency (MHz)	Self Res Frequency MHz	Order Code
1	20	0.65	195	25	7.96	115	200-499
1.5	20	0.85	170	25	7.96	85	200-505
2.2	20	1.05	155	25	7.96	80	200-517
3.3	10	1.3	135	25	7.96	65	200-529
4.7	10	1.55	125	25	7.96	55	200-530
6.8	10	1.95	115	25	7.96	45	200-542
10	10	3.7	80	25	2.52	32	200-554
15	10	5	70	25	2.52	28	200-566
22	10	6	60	25	2.52	22	200-578
33	10	5.2	14	40	2.52	18	200-580
47	10	6.6	12	40	2.52	14	200-591
68	10	6.5	17	25	2.52	13	200-608
100	10	8.4	10	25	0.796	12	200-610

EMC, Filters & Suppression

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Compliant Non-compliant + Limited stock - RoHS replacement available

**RoHS**