

**SMD Inductors - continued**

**Solid Inductor – Surface Mount - continued**

	Impedance. Ω	Rated Current	DC Resistance			
BLM41PF800SN1L	80	1000	0.15	4.5	1.6	1.6
BLM41AF800SN1L	80	500	0.3	4.5	1.6	1.6

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Mfrs. List No.	Order Code	10+	50+	100+	500+	+
BLM31AF700SN1L	<b>SMD</b> 581-082‡	25.00	18.00	17.00	12.00	--
BLM31AF700SN1L	<b>NEW</b> <b>SMD</b> 952-6854●	25.00	18.00	17.00	12.00	--
BLM31AJ601SN1L	<b>SMD</b> 581-094‡	36.00	26.00	22.00	17.00	--
BLM31AJ601SN1L	<b>NEW</b> <b>SMD</b> 952-6862●	36.00	26.00	22.00	17.00	--
BLM41AF151SN1L	<b>SMD</b> 581-100‡	34.00	25.00	22.00	17.00	--
BLM41AF151SN1L	<b>NEW</b> <b>SMD</b> 952-6870●	34.00	25.00	22.00	17.00	--
BLM41PG600SN1L	<b>SMD</b> 556-865‡	40.00	29.00	26.00	19.00	--
BLM41PG600SN1L	<b>NEW</b> <b>SMD</b> 952-6900●	40.00	29.00	26.00	19.00	--
BLM41PG750SN1L	<b>SMD</b> 556-877‡	37.00	27.00	24.00	18.00	--
BLM41PG750SN1L	<b>NEW</b> <b>SMD</b> 952-6919●	37.00	27.00	24.00	18.00	--
BLM41PF800SN1L	<b>SMD</b> 556-889‡	28.00	20.00	18.00	14.00	--
BLM41PF800SN1L	<b>NEW</b> <b>SMD</b> 952-6897●	28.00	20.00	18.00	14.00	--
BLM41AF800SN1L	<b>SMD</b> 556-890‡	26.00	18.00	17.00	13.00	--
BLM41AF800SN1L	<b>NEW</b> <b>SMD</b> 952-6889●	26.00	18.00	17.00	13.00	--

**BLM18T Series - 0603 Case**



**NEW**

The chip ferrite beads BLM series is designed to function nearly as a resistor at noise frequencies, which greatly reduces the possibility of resonance and leaves signal wave forms undistorted. The BLM series is effective in circuits without stable ground lines because the BLM series does not need a connection to ground.

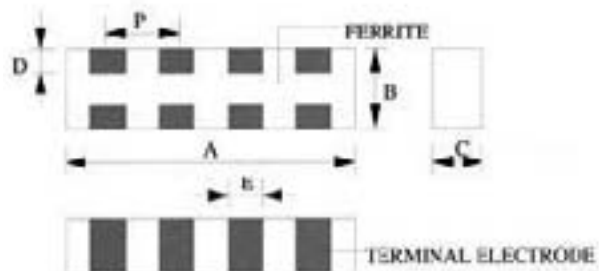
- Excellent solder heat resistance
- Effective in noise suppression in a wide frequency range (10MHz to several hundred MHz)

Impedance Ω	Tolerance %	Resistance Ω	Current A	Current A	Order Code
120	25	0.25	200	BLM18TG121TN1D	<b>111-5048</b>
220	25	0.3	200	BLM18TG221TN1D	<b>111-5049</b>
600	25	0.45	200	BLM18TG601TN1D	<b>111-5050</b>
1000	25	0.6	100	BLM18TG102TN1D	<b>111-5051</b>

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Order Code	10+	50+	100+	500+	+
All Values ●	12.00	10.00	8.00	6.00	--

**Ferrite Bead Array**



L = 3.2, D = 0.9, W = 0.9 (mm)  
Tot: ±0.20

**Features include:**

- Combines 4 single ferrite beads into a 1206 package, which reduces board space and placement time
- Wide range of impedance values from 30~1000 ohms
- Wide operating temperature range -55 to 125 °C
- Suitable for Re-flow or flow soldering method

**Applications include:**

- Filtering between analogue and digital circuits
  - Clock generation circuitry
  - I/O interconnects
  - Isolation between RF noisy circuits and logic devices
  - Power supply filtering to prevent RF energy from corrupting the power generation circuitry
- High frequency EMI prevention for computers, TV, mobile phone. etc

Insulation Resistance 100MHz	IDC (mA) max.	Mfrs List No.	Order Code
0.4R	30	MLB-3216-0030M4-N2	941-5980
0.4R	60	MLB-3216-0060M4-N2	941-5998
0.8R	120	MLB-3216-0120M4-N2	941-6005
0.8R	240	MLB-3216-0240M4-N2	941-6013
0.8R	300	MLB-3216-0300M4-N2	941-6021
1R	470	MLB-3216-0470M4-N2	941-6030

Insulation Resistance 100MHz	IDC (mA) max.	Mfrs List No.	Order Code
1.5R	600	MLB-3216-0600M4-N2	941-6048
1.7R	1000	MLB-3216-1000M4-N2	941-6056

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**Order Multiple=5**

Mfrs List No.	Order Code	5+	25+	100+	250+	+
MLB-3216-0030M4-N2	<b>941-5980</b> ●	39.00	36.00	33.00	30.00	--
MLB-3216-0060M4-N2	<b>941-5998</b> ●	39.00	36.00	33.00	30.00	--
MLB-3216-0120M4-N2	<b>941-6005</b> ●	39.00	36.00	33.00	30.00	--
MLB-3216-0240M4-N2	<b>941-6013</b> ●	39.00	36.00	33.00	30.00	--
MLB-3216-0300M4-N2	<b>941-6021</b> ●	39.00	36.00	33.00	30.00	--
MLB-3216-0470M4-N2	<b>941-6030</b> ●	39.00	36.00	33.00	30.00	--
MLB-3216-0600M4-N2	<b>941-6048</b> ●	39.00	36.00	33.00	30.00	--
MLB-3216-1000M4-N2	<b>941-6056</b> ●	39.00	36.00	33.00	30.00	--

**Ferrite Bead Inductors**



- Chip ferrite inductors
- Applications include filtering circuits in digital equipment



Current rating	Reel Quantity	5A	500 pieces
Impedance Min. (Ω) @ 25MHz	DC Resistance Max. (mΩ)	Dimensions L W H	Solder Pad
20	35	4 3 2.55	3 x 3
45	85	8.5 3 2.55	3 x 3

Distance Between Pads

Order Code

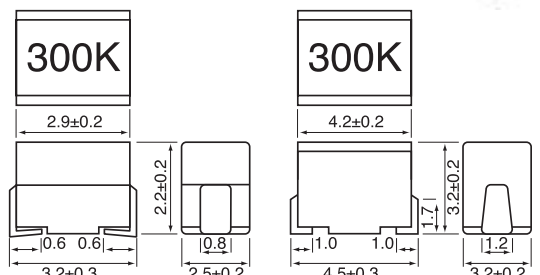
204206

Order Code	5+	25+	100+	250+	+
<b>SMD</b> 926-5260●	25.00	22.00	19.00	15.00	--
<b>SMD</b> 926-5279●	24.00	20.00	19.00	15.00	--

**CM32/CM45 Series-Surface Mount**



- High reliability wirewound chip inductors offering a small case size and high resistance to both mechanical shock and heat/humidity



Supplied on 8mm embossed tape      Supplied on 12mm embossed tape

Operating temperature -20°C to +100°C (CM32), -25°C to +100°C (CM45)

Inductance (μH)	Tolerance	Q	Test Freq (MHz)	Min. Self Res. Frequency (MHz)	Max. DC Res. Ω	Max DC Current mA	Order Code
0.15	±20%	10	25.2	350	0.72	230	<b>935-7998</b>
0.22	±20%	25	25.2	230	0.29	360	<b>935-8005</b>
0.33	±20%	25	25.2	190	0.35	330	<b>935-8013</b>
0.47	±20%	25	25.2	160	0.44	290	<b>935-8021</b>
0.68	±20%	25	25.2	135	0.55	260	<b>935-8030</b>
1	±20%	30	7.96	115	0.7	230	<b>935-7890</b>
1.5	±20%	30	7.96	90	0.75	210	<b>935-7904</b>
2.2	±20%	30	7.96	80	1	190	<b>935-7920</b>
3.3	±10%	30	7.96	65	1.2	180	<b>935-7947</b>
4.7	±10%	30	7.96	55	1.5	165	<b>935-7963</b>
6.8	±10%	30	7.96	45	1.8	150	<b>935-7980</b>
10	±10%	30	2.52	36	2.1	140	<b>935-7866</b>
15	±10%	30	2.52	30	2.8	120	<b>935-7882</b>
22	±10%	30	2.52	25	3.7	105	<b>935-7912</b>
33	±10%	30	2.52	20	5.6	85	<b>935-7939</b>
47	±10%	30	2.52	15	7	75	<b>935-7955</b>
68	±10%	30	2.52	15	9	65	<b>935-7971</b>
100	±10%	20	0.796	10	10	60	<b>935-7874</b>