



www.gowanda.com  
One Magnetism Parkway, Gowanda, NY 14070

Gowanda introduces inaugural broadband conical line

### Gowanda Electronics – Broadband Conicals – Summary Data

Style Series Part #	Inductance $\mu$ H	DCR ohms	Current Rating DC mA	Turns	Wire Size (AWG)	Wire Type
<b>Surface Mount*</b>						
<b>C100SMNL:</b>						
1938C6	0.26	0.10	655	19	38	Copper
2540C6	0.44	0.21	452	25	40	Copper
3142C6	0.69	0.47	302	31	42	Copper
3944C6	1.00	0.74	241	39	44	Copper
4947C6	1.54	2.70	126	49	47	Copper
<b>C100SMNR:</b>						
1938C6	0.26	0.10	655	19	38	Copper
2540C6	0.44	0.21	452	25	40	Copper
3142C6	0.69	0.47	302	31	42	Copper
3944C6	1.00	0.74	241	39	44	Copper
4947C6	1.54	2.70	126	49	47	Copper
<b>C225SM:</b>						
2935C6	0.60	0.16	589	29	35	Copper
3536C6	0.89	0.39	378	35	36	Copper
4338C6	1.30	0.47	344	43	38	Copper
5740C6	2.40	0.80	264	57	40	Copper
7042C6	3.80	1.50	193	70	42	Copper
8544C6	5.10	2.60	146	85	44	Copper
11047C6	8.00	6.40	93	110	47	Copper
<b>Thru-Hole**</b>						
<b>C050FL:</b>						
2547G6	0.37	0.70	153	25	47	Gold Plated Copper
<b>C100FL:</b>						
1938G6	0.26	0.10	573	19	38	Gold Plated Copper
2540G6	0.44	0.21	396	25	40	Gold Plated Copper
3142G6	0.69	0.47	264	31	42	Gold Plated Copper
3944G6	1.00	0.74	211	39	44	Gold Plated Copper
4947G6	1.54	2.70	110	49	47	Gold Plated Copper
<b>C225FL:</b>						
2935G6	0.60	0.16	562	29	35	Gold Plated Copper
3536G6	0.89	0.39	360	35	36	Gold Plated Copper
4338G6	1.30	0.47	328	43	38	Gold Plated Copper
5740G6	2.40	0.80	251	57	40	Gold Plated Copper
7042G6	3.80	1.50	184	70	42	Gold Plated Copper
8544G6	5.10	2.60	139	85	44	Gold Plated Copper
11047G6	8.00	6.40	89	110	47	Gold Plated Copper

**\*Notes - Surface Mount:**

1. Inductance is measured at 10 MHz
2. Terminal is elongated to allow for soldering up to coil tip
3. Terminations are lead free and RoHS compliant
4. Current rating based on 35°C temp rise from 90°C ambient
5. Operating temp is -55°C to +125°C
6. All electrical data is reference only; based on nominal data
7. Recommend component is epoxied to substrate before reflow soldering

Core material is powdered iron for all products in table

Specifications subject to change

Go to [www.gowanda.com](http://www.gowanda.com) for current information

Contact Gowanda Electronics for assistance:

[sales@gowanda.com](mailto:sales@gowanda.com)

USA: 716-532-2234

Custom configurations available

Please inquire

**\*\*Notes – Thru-Hole:**

Both #1 & #4 above apply; all non-tolerance dimensions and electrical data are reference only and based on nominal data

Packaging: 50 part per plastic case

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