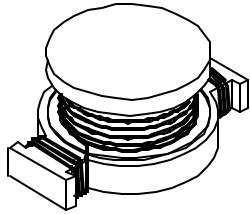




DC-DC Converter Inductors

- PWI 4600-G Series



Description

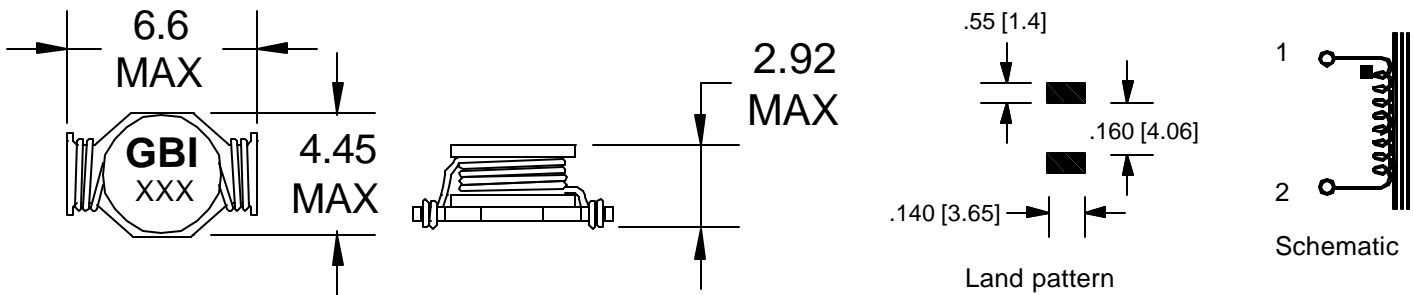
- Reliable self-leads
- High energy storage and low DC resistance
- Ideal for DC/DC conversion in notebook computers
- PDA's, step-up or step-down converters



Specification

- Operating Temperature: -40°C to +85°C

Mechanical Drawing



Electrical Properties

Part Number	Inductance ($\mu\text{H} \pm 20\%$)	DCR (Ω Max)	Max DC Current	Inductance Code
PWI 4601-G	1.0	0.05	2.9	102
PWI 4602-G	1.5	0.05	2.6	152
PWI 4603-G	2.2	0.07	2.3	222
PWI 4604-G	3.3	0.08	2.0	332
PWI 4605-G	4.7	0.09	1.5	472
PWI 4606-G	6.8	0.13	1.2	682
PWI 4607-G	10	0.16	1.1	103
PWI 4608-G	15	0.23	0.9	153
PWI 4609-G	22	0.37	0.7	223
PWI 4610-G	33	0.51	0.58	333
PWI 4611-G	47	0.64	0.50	473
PWI 4612-G	68	0.86	0.40	683
PWI 4613-G	100	1.27	0.31	104
PWI 4614-G	150	2.00	0.27	154
PWI 4615-G	220	3.11	0.22	224
PWI 4616-G	330	3.80	0.18	334
PWI 4617-G	470	5.06	0.16	474
PWI 4618-G	680	9.20	0.14	684
PWI 4619-G	1000	13.8	0.10	105

Note:

- Since device temperature rise almost 100% application dependent, measurements within system should be performed to ensure proper application. Presence or absence of airflow, encapsulation material, and size of land patterns, are just a few of these factors.
- Inductance drop of 10% is typical at full load.
- Inductance Code first two digits are significant. Last digit denotes number of trailing zeros. It is stamped on top of the core

Packaging

- 9mm X 12mm on 7" reel, 750 parts per reel

Storage & Handling Information

- To see details visit our web page at http://www.gbint.com/files/data/Storage_Handling/Storage_Handling.pdf