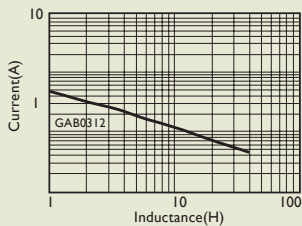


GAB03 I2 Series

Mini Power Inductors

TYPICAL ELECTRICAL CHARACTERISTICS CURVE



TEST INSTRUMENT: HP 4285A, Zentech 301A
INDUCTANCE-CURRENT (REFERENCE)

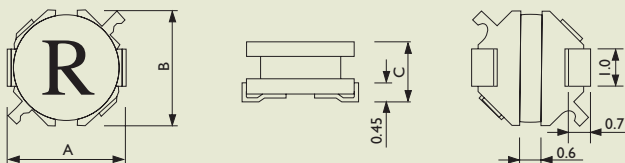
ELECTRICAL CHARACTERISTICS : LEAD-FREE & ROHS COMPLIANCE

P/N	Inductance L(μ H) ¹	DCR (Ω) \pm 20%	IDC (A) MAX. ²	Marking
GAB03 I2T-1R0N-N	1.0 \pm 30%	0.08	1.40	A
GAB03 I2T-1R8N-N	1.8 \pm 30%	0.11	1.10	C
GAB03 I2T-2R2N-N	2.2 \pm 30%	0.12	1.00	D
GAB03 I2T-2R7N-N	2.7 \pm 30%	0.15	0.95	E
GAB03 I2T-4R7N-N	4.7 \pm 30%	0.28	0.75	H
GAB03 I2T-5R6N-N	5.6 \pm 30%	0.31	0.68	I
GAB03 I2T-6R8N-N	6.8 \pm 30%	0.36	0.62	K
GAB03 I2T-7R5N-N	7.5 \pm 30%	0.39	0.60	L
GAB03 I2T-100M-N	10 \pm 20%	0.43	0.53	M
GAB03 I2T-150M-N	15 \pm 20%	0.72	0.44	O
GAB03 I2T-220M-N	22 \pm 20%	1.18	0.33	R
GAB03 I2T-330M-N	33 \pm 20%	1.90	0.26	T
GAB03 I2T-470M-N	47 \pm 20%	2.45	0.23	V
GAB03 I2T-680M-N	68 \pm 20%	4.20	0.17	X

1. Test Frequency 100KHZ 0.1Vrms.
2. DC Current at which the Inductance Drops 30%(typ) from its value without Current.
3. Operating Temperature Range -40°C to 85°C
4. Tolerance : M : \pm 20% , N : \pm 30%
5. Packaging : Clear Tape and Reel (Standard)

SHAPE AND DIMENSIONS

Dimensions : mm



Parts/reel:
7" 1500pcs
Tape width:
12mm

TYPE	A	B	C
GAB03 I2	3.2 \pm 0.3	3.2 \pm 0.3	1.2MAX



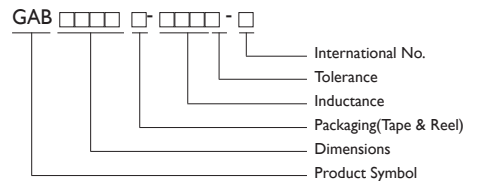
FEATURES

- Low profile 1.2mm max.
- Maximum current rating of 1.4Amps.
- Density design, small size, and low cost.

APPLICATIONS

- DC /DC converter
- Camcorder
- LCD TV
- MP3 - player
- Digital camera
- G.P.S
- Portable CDR-W
- PDA (desktop)

PRODUCT IDENTIFICATION



LAND PATTERNS PCB

