

# Power Inductors

Surface Mount

ADT1608CA Series



## ADT1608CA



### FEATURES

- Surface mountable device.
- Low Profile.
- Excellent performance & cost effective.
- Tape & Reel for auto-placement.
- Applicable for DC-DC converter.

### BENEFITS

Frequency Range: 0.1 ~ 1 MHz  
 Inductance Range: 1.0 ~ 4700  $\mu$ H  
 Tested: 100 KHz and 0.05V  
 Operating Temperature Range: -40°C to +85°C  
 Inductance measured by HP 4194A, impedance and gain phase analyzer  
 Inductance Drop  $\geq$  Rated L at rated current

### UNIT DIMENSION (unit: mm)



### STANDARD SPECIFICATIONS

PACKAGE TYPE	INDUCTANCE* ( $\mu$ H $\pm 20\%$ )	DC RESISTANCE ( $\Omega$ ) max.	RATED L ( $\mu$ H) min.	RATED CURRENT (A) max.
ADT1608CA-102 □	1.0	0.045	0.6	2.21
ADT1608CA-152 □	1.5	0.050	0.8	1.80
ADT1608CA-222 □	2.2	0.060	0.9	1.49
ADT1608CA-332 □	3.3	0.070	1.5	1.21
ADT1608CA-472 □	4.7	0.080	2.0	1.02
ADT1608CA-682 □	6.8	0.085	3.0	0.84
ADT1608CA-103 □	10	0.095	5.0	0.70
ADT1608CA-153 □	15	0.135	6.0	0.57
ADT1608CA-223 □	22	0.160	10	0.47
ADT1608CA-333 □	33	0.275	12	0.38
ADT1608CA-473 □	47	0.550	20	0.32
ADT1608CA-683 □	68	0.575	30	0.26
ADT1608CA-104 □	100	1.10	40	0.220
ADT1608CA-154 □	150	1.40	60	0.180
ADT1608CA-224 □	220	2.25	90	0.150
ADT1608CA-334 □	330	2.90	100	0.120
ADT1608CA-474 □	470	4.30	150	0.100
ADT1608CA-684 □	680	5.40	200	0.080
ADT1608CA-105 □	1000	8.80	400	0.070
ADT1608CA-225 □	2200	17.0	1000	0.047
ADT1608CA-475 □	4700	40.0	1500	0.035