

Power Inductors

Surface Mount

ADS1608CA Series

ADS1608CA (BACK LIGHT)



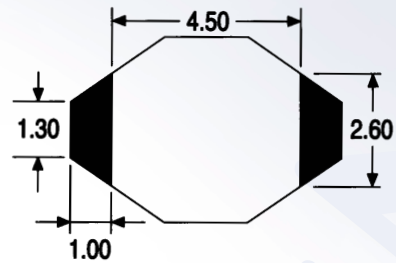
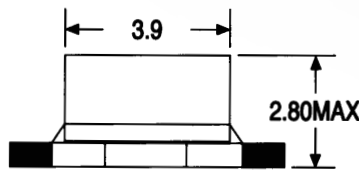
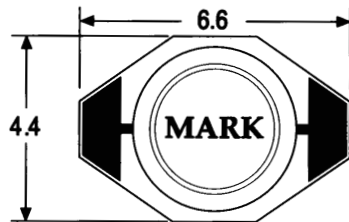
FEATURES

- 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 ~ 1000 μ H
 Tested: 100 KHz and 0.05V
 Operating Temperature Range: -40°C to +85°C
 Inductance Drop: $\leq 30\%$ at rated current

UNIT DIMENSION (unit: mm)



tolerance : ± 0.2

STANDARD SPECIFICATIONS

PACKAGE TYPE	INDUCTANCE (μ H $\pm 20\%$)	DC RESISTANCE (Ω) max.	RATED CURRENT (A) max
ADS1608CA-102 □	1.0	0.040	3.0
ADS1608CA-152 □	1.5	0.045	2.8
ADS1608CA-222 □	2.2	0.050	1.8
ADS1608CA-332 □	3.3	0.055	1.6
ADS1608CA-472 □	4.7	0.060	1.4
ADS1608CA-682 □	6.8	0.065	1.2
ADS1608CA-103 □	10	0.075	1.00
ADS1608CA-153 □	15	0.090	0.80
ADS1608CA-223 □	22	0.110	0.70
ADS1608CA-333 □	33	0.190	0.60
ADS1608CA-473 □	47	0.230	0.50
ADS1608CA-683 □	68	0.290	0.40
ADS1608CA-104 □	100	0.48	0.30
ADS1608CA-154 □	150	0.59	0.26
ADS1608CA-224 □	220	0.77	0.22
ADS1608CA-334 □	330	1.40	0.20
ADS1608CA-474 □	470	1.80	0.19
ADS1608CA-684 □	680	2.20	0.18
ADS1608CA-105 □	1000	3.40	0.15

XTAL

OSC

VCXO
VCO

TCXO
VCTCXO

FLTR

RES

IND