

Power Inductors

Surface Mount

ADS7032A Series



ADS7032A



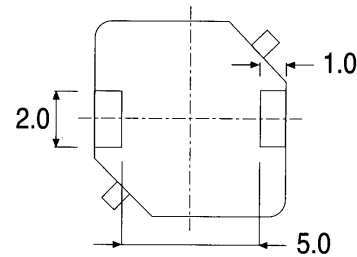
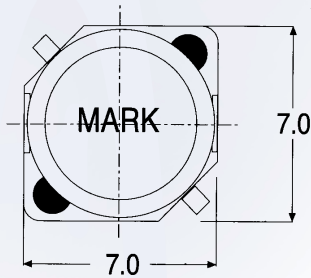
FEATURES

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

BENEFITS

Frequency Range: 0.1 ~ 10 MHz
 Inductance Range: 3.3 ~ 1000 μ H
 Tested: 1 KHz and 0.05V
 Operating Temperature Range: -40°C to +85°C
 Inductance measured by HP 4194A, impedance and gain phase analyzer.
 Inductance Drop 10% 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.
ADS7032A-332 □	3.3	0.039	1.90
ADS7032A-472 □	4.7	0.043	1.70
ADS7032A-683 □	6.8	0.049	1.60
ADS7032A-103 □	10	0.064	1.40
ADS7032A-153 □	15	0.105	1.10
ADS7032A-223 □	22	0.132	0.96
ADS7032A-333 □	33	0.192	0.75
ADS7032A-473 □	47	0.288	0.67
ADS7032A-683 □	68	0.372	0.59
ADS7032A-104 □	100	0.540	0.45
ADS7032A-154 □	150	0.780	0.37
ADS7032A-224 □	220	1.260	0.29
ADS7032A-334 □	330	2.000	0.22
ADS7032A-474 □	470	2.460	0.20
ADS7032A-684 □	680	3.780	0.16
ADS7032A-105 □	1000	5.736	0.13