

Power Inductors

Surface Mount

ADS3316PA Series



ADS3316PA



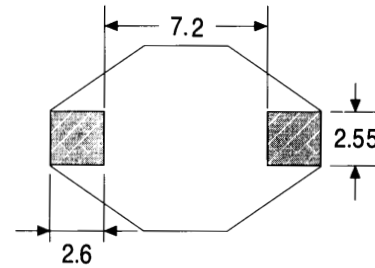
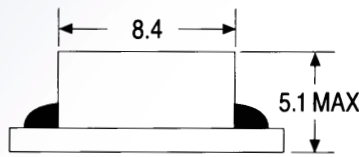
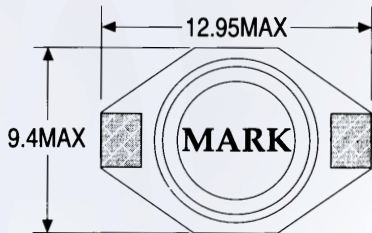
FEATURES

- 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: 1.0 ~ 220 μ 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: 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.
ADS3316PA-102 □	1.0	0.021	5.6
ADS3316PA-152 □	1.5	0.022	5.2
ADS3316PA-222 □	2.2	0.032	5.0
ADS3316PA-332 □	3.3	0.039	3.9
ADS3316PA-472 □	4.7	0.054	3.2
ADS3316PA-682 □	6.8	0.075	2.8
ADS3316PA-103 □	10	0.101	2.40
ADS3316PA-153 □	15	0.150	2.00
ADS3316PA-223 □	22	0.207	1.60
ADS3316PA-333 □	33	0.334	1.40
ADS3316PA-473 □	47	0.472	1.00
ADS3316PA-683 □	68	0.500	0.81
ADS3316PA-104 □	100	0.700	0.68
ADS3316PA-154 □	150	1.000	0.55
ADS3316PA-224 □	220	1.400	0.46