

Power Inductors

Surface Mount

ADO43A Series



ADO43A



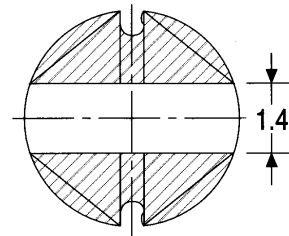
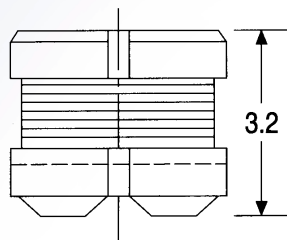
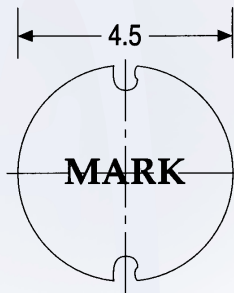
FEATURES

- 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: 1.4 ~ 1000 μ H
 Tested: * 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 (μ H)	INDUCTANCE (KHz)	FREQUENCY* RESISTANCE (Ω)	DC CURRENT (A) max.	RATED max.
ADO43A-142□	1.4 $\pm 20\%$	7960	0.040	3.00
ADO43A-182□	1.8 $\pm 20\%$	7960	0.048	2.50
ADO43A-222□	2.2 $\pm 20\%$	7960	0.050	2.40
ADO43A-332□	3.3 $\pm 20\%$	7960	0.075	1.80
ADO43A-472□	4.7 $\pm 20\%$	7960	0.100	1.40
ADO43A-682□	6.8 $\pm 20\%$	7960	0.150	1.00
ADO43A-103□	10 $\pm 20\%$	2520	0.182	0.74
ADO43A-153□	15 $\pm 20\%$	2520	0.290	0.52
ADO43A-223□	22 $\pm 20\%$	2520	0.378	0.48
ADO43A-333□	33 $\pm 10\%$	2520	0.540	0.37
ADO43A-473□	47 $\pm 10\%$	2520	0.844	0.33
ADO43A-683□	68 $\pm 10\%$	2520	1.200	0.28
ADO43A-104□	100 $\pm 10\%$	1	1.450	0.260
ADO43A-154□	150 $\pm 10\%$	1	1.900	0.210
ADO43A-224□	220 $\pm 10\%$	1	2.850	0.160
ADO43A-334□	330 $\pm 10\%$	1	4.010	0.145
ADO43A-474□	470 $\pm 10\%$	1	6.500	0.120
ADO43A-684□	680 $\pm 10\%$	1	10.10	0.100
ADO43A-105□	1000 $\pm 10\%$	1	20.00	0.075