

Power Inductors

Surface Mount

ADO5022PA Series



ADO5022PA



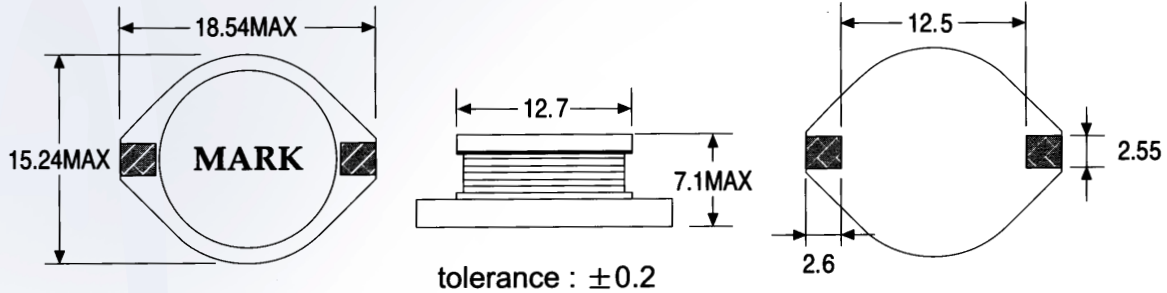
FEATURES

- 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: 10 ~ 1000 uH
 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)



STANDARD SPECIFICATIONS

PACKAGE TYPE	INDUCTANCE (uH $\pm 20\%$)	DC RESISTANCE (Ω) max.	SRF TYP3 (MHz)	Isat4 (A)	Irms5 (A)
ADO5022PA-102 □	1.0	0.009	80	20	8.6
ADO5022PA-222 □	2.2	0.014	80	16	7.1
ADO5022PA-332 □	3.3	0.018	60	14	6.2
ADO5022PA-562 □	5.6	0.02	40	12	5.3
ADO5022PA-103 □	10	0.031	30	10	4.3
ADO5022PA-153 □	15	0.036	22	8	4
ADO5022PA-223 □	22	0.047	20	7	3.5
ADO5022PA-333 □	33	0.066	15	5.5	3
ADO5022PA-473 □	47	0.086	9	4.5	2.6
ADO5022PA-683 □	68	0.13	8	3.5	2.3
ADO5022PA-104 □	100	0.19	7	3	1.8
ADO5022PA-154 □	150	0.25	6	2.6	1.5
ADO5022PA-224 □	222	0.38	5	2.4	1.2
ADO5022PA-334 □	330	0.56	4	1.9	1
ADO5022PA-474 □	470	0.85	3	1.4	0.82
ADO5022PA-684 □	680	1.1	2.5	1.2	0.72
ADO5022PA-105 □	1000	1.8	2	1	0.56