

Power Inductors

Surface Mount

ADS5022PA Series

ADS5022PA



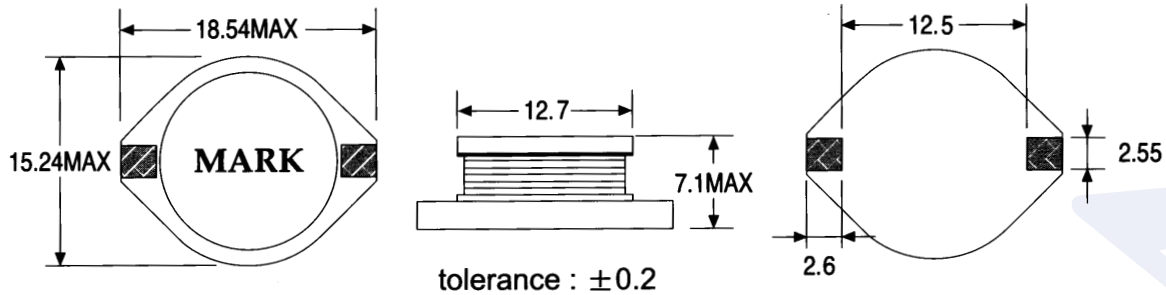
FEATURES

- 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 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)



STANDARD SPECIFICATIONS

PACKAGE TYPE	INDUCTANCE (μ H $\pm 20\%$)	DC RESISTANCE (Ω) max.	RATED CURRENT (A) max.
ADS5022PA-103 □	10	0.040	6.3
ADS5022PA-153 □	15	0.048	5.0
ADS5022PA-223 □	22	0.059	4.2
ADS5022PA-333 □	33	0.075	3.5
ADS5022PA-473 □	47	0.097	2.9
ADS5022PA-683 □	68	0.138	2.6
ADS5022PA-104 □	100	0.207	2.00
ADS5022PA-154 □	150	0.293	1.60
ADS5022PA-224 □	220	0.470	1.30
ADS5022PA-334 □	330	0.780	1.10
ADS5022PA-474 □	470	1.080	0.90
ADS5022PA-684 □	680	1.400	0.75
ADS5022PA-105 □	1000	2.010	0.60

XTAL

OSC

VCXO
VCO

TCXO
VCTCXO

FLTR

RES

IND