

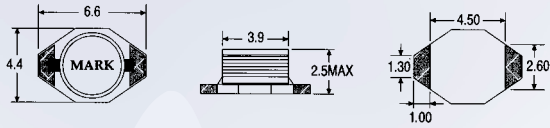
Power Inductors

Surface Mount

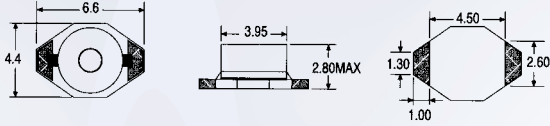
ADS/ADO/ADT A Series



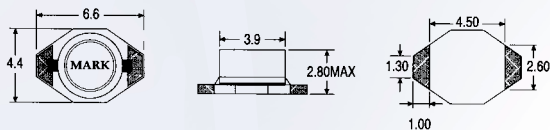
ADO1608CA



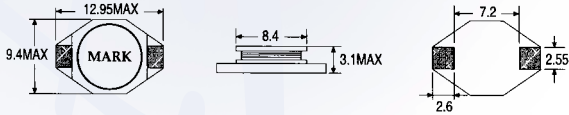
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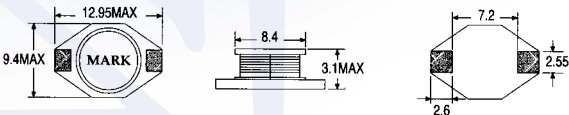
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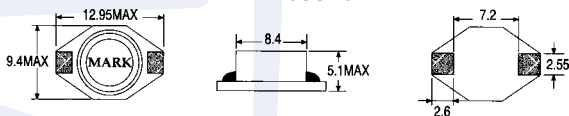
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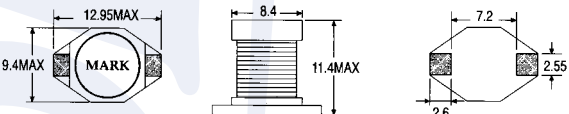
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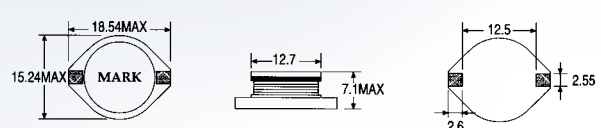
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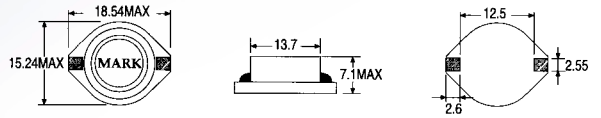
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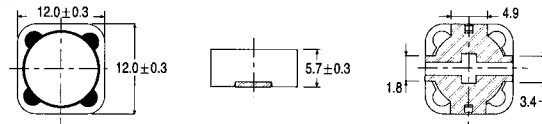
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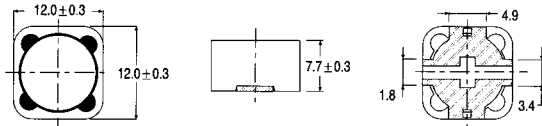
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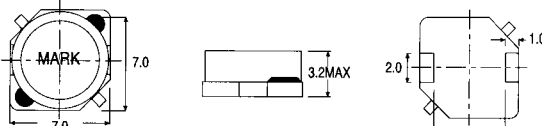
ADS125A



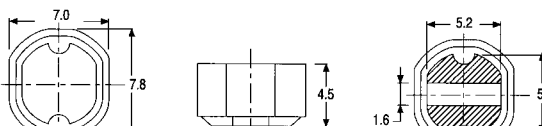
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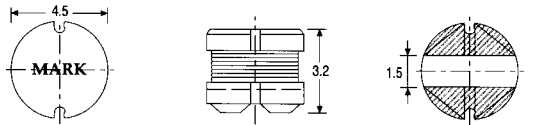
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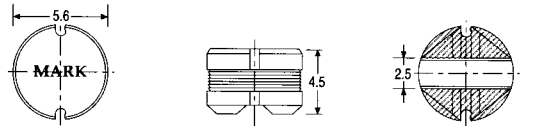
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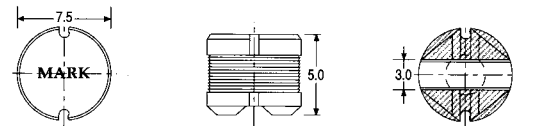
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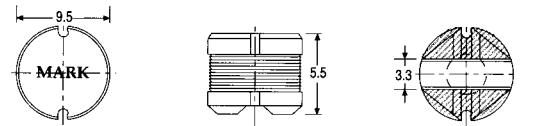
ADO54A



ADO75A



ADO105A



Power Inductors

Surface Mount

ADO1608CA Series

ADO1608CA (BACK LIGHT)



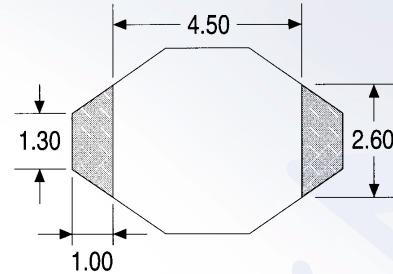
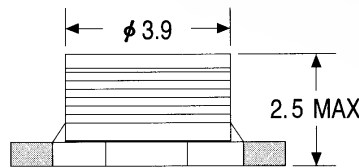
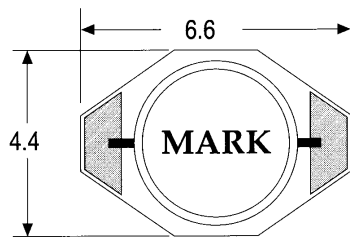
FEATURES

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

BENEFITS

Frequency Range: 0.1 ~ 1 MHz
 Inductance Range: 1.0 ~ 4700 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)



tolerance : ± 0.2

STANDARD SPECIFICATIONS

PACKAGE TYPE	INDUCTANCE (uH $\pm 20\%$) max.	DC RESISTANCE (Ω) max.	RATED CURRENT (A)
ADO1608CA-102 □	1.0	0.050	2.9
ADO1608CA-152 □	1.5	0.065	2.5
ADO1608CA-222 □	2.2	0.075	2.1
ADO1608CA-332 □	3.3	0.085	1.7
ADO1608CA-472 □	4.7	0.110	1.4
ADO1608CA-682 □	6.8	0.140	1.2
ADO1608CA-103 □	10	0.16	1.00
ADO1608CA-153 □	15	0.25	0.80
ADO1608CA-223 □	22	0.37	0.68
ADO1608CA-333 □	33	0.51	0.54
ADO1608CA-473 □	47	0.87	0.45
ADO1608CA-683 □	68	1.10	0.38
ADO1608CA-104 □	100	1.7	0.30
ADO1608CA-154 □	150	2.3	0.25
ADO1608CA-224 □	220	3.4	0.20
ADO1608CA-334 □	330	5.1	0.17
ADO1608CA-474 □	470	8.8	0.14
ADO1608CA-689 □	680	14.0	0.12
ADO1608CA-105 □	1000	18.0	0.09
ADO1608CA-475 □	4700	80.0	0.05

XTAL

OSC

VCXO
VCO

TCXO
VCTCXO

FLTR

RES

IND