

SMD MOLDED HIGH CURRENT CHIP INDUCTORS

AIMS-1210H



RoHS
Compliant



3.2 x 2.5 x 2.2mm

FEATURES:

- High Current Capacity
- Heat Resistance Molded Resin
- High Reliability

APPLICATIONS:

- VCRs, Video Cameras
- Automobile Audio Systems
- Computer Products & Peripherals
- LCD TVs, portable VCRs

ELECTRICAL SPECIFICATIONS:

PARAMETERS

ABRACON P/N:	AIMS-1210H-xxx Series
Operating temperature:	-40°C to + 85°C
Storage temperature:	-55°C to + 125°C

Part No.	L(μH)	Tolerance	Q	Test Freq.	SRF(MHz)	DCR(Ω)	Idc(mA)
		(%)	(min)	(MHz)	(min)	(max)	(max)
AIMS-1210H-1R0M	1.0	M	10	7.96	100	0.15	850
AIMS-1210H-1R5M	1.5	M	10	7.96	80	0.18	700
AIMS-1210H-2R2M	2.2	M	10	7.96	68	0.23	600
AIMS-1210H-3R3M	3.3	M	10	7.96	54	0.28	500
AIMS-1210H-4R7M	4.7	M	15	7.96	46	0.34	430
AIMS-1210H-6R8M	6.8	M	15	7.96	38	0.42	360
AIMS-1210H-8R2M	8.2	M	15	7.96	32	0.48	320
AIMS-1210H-100K	10	K	15	2.52	30	0.50	300
AIMS-1210H-150K	15	K	15	2.52	26	0.74	250
AIMS-1210H-220K	22	K	15	2.52	21	1.15	210
AIMS-1210H-330K	33	K	15	2.52	17	1.65	170
AIMS-1210H-470K	47	K	15	2.52	14	2.25	150
AIMS-1210H-680K	68	K	15	2.52	12	3.70	120
AIMS-1210H-101K	100	K	15	0.796	10	5.00	100
AIMS-1210H-151K	150	K	20	0.796	8	8.00	85
AIMS-1210H-221K	220	K	20	0.796	7	11.0	70
AIMS-1210H-331K	330	K	20	0.796	6	16.0	60

OPTIONS & PART IDENTIFICATION:

(Left blank if standard)

AIMS -1210H - □□□□ - □

Inductance

Please refer to the table

Packaging

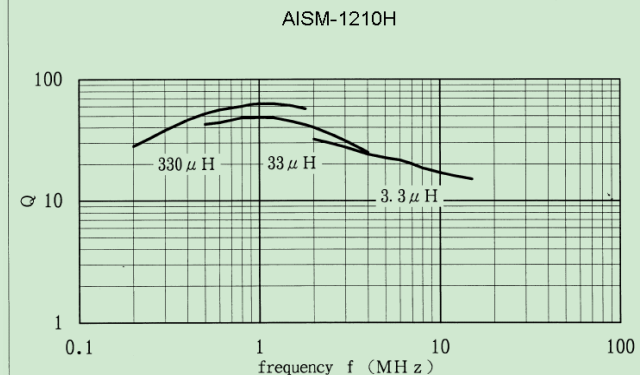
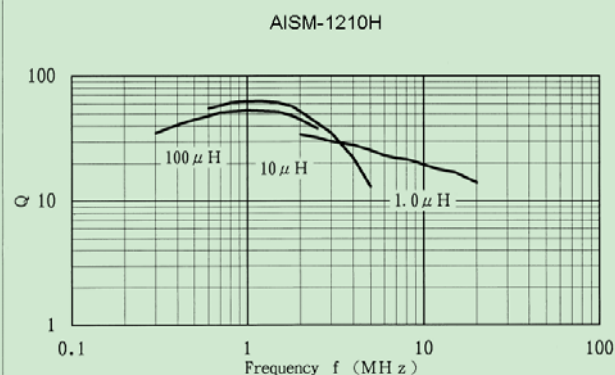
T

Tape and Reel

Tolerance

See Table Above

Q vs. Frequency Characters



ABRACON IS
ISO 9001 / QS 9000
CERTIFIED



ABRACON
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AISM-1210H



The image contains two technical drawings of mechanical parts, likely for a mold or machine component, with dimensions in millimeters.

Left Part:

- Top horizontal dimension: 0.114 ± 0.008
- Top horizontal dimension: 2.9 ± 0.2
- Right vertical dimension: 0.407 ± 0.008
- Right vertical dimension: 2.2 ± 0.2
- Bottom horizontal dimension: 0.03
- Bottom horizontal dimension: 0.75

Right Part:

- Top horizontal dimension: 0.100 ± 0.008
- Top horizontal dimension: 2.5 ± 0.2
- Bottom horizontal dimension: 0.04
- Bottom horizontal dimension: 1.0

TAPE & REEL: Tape and reel 2,000pcs/reel

Technical drawing of a rectangular plate with a cross-section view. The drawing includes the following dimensions and features:

- Top View Dimensions:**
 - Overall width: W
 - Overall length: P
 - Distance between the first and second hole: 2.0 ± 0.1
 - Distance between the second and third hole: 4.0 ± 0.1
 - Distance from the left edge to the first hole: 1.75 ± 0.1
 - Distance from the right edge to the last hole: 4.0 ± 0.1
 - Distance between the last hole and the right edge: A
 - Distance between the first hole and the left edge: K
- Section View Dimensions:**
 - Section line: $A-A$
 - Section view label: B
 - Section view dimension: 0.35 ± 0.05
- Other Features:**
 - Four holes with diameter $\phi 1.5$.
 - Four rectangular features with rounded corners, each with a center point.
 - Dimension 5.5 ± 0.5 indicates the distance between the center points of the rectangular features.

Dimensions: mm

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

ABRACON:

[AIMS-1210H-2R2M-T](#) [AIMS-1210H-221K-T](#) [AIMS-1210H-680K-T](#) [AIMS-1210H-8R2M-T](#) [AIMS-1210H-150K-T](#)
[AIMS-1210H-3R3M-T](#) [AIMS-1210H-1R5M-T](#) [AIMS-1210H-101K-T](#) [AIMS-1210H-4R7M-T](#) [AIMS-1210H-220K-T](#) [AIMS-](#)
[1210H-151K-T](#) [AIMS-1210H-331K-T](#) [AIMS-1210H-100K-T](#) [AIMS-1210H-1R0M-T](#) [AIMS-1210H-6R8M-T](#) [AIMS-1210H-](#)
[470K-T](#) [AIMS-1210H-330K-T](#)