

SMD MOLDED WOUND CHIP INDUCTORS

AIMS-1210



RoHS
Compliant



3.2 x 2.5 x 2.2mm

FEATURES:

- High Current Capacity
- High Reliability

APPLICATIONS:

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

ELECTRICAL SPECIFICATIONS:

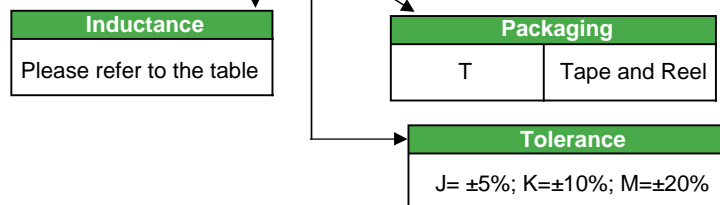
PARAMETERS	
ABRACON P/N:	AIMS-1210-xxx Series
Operating temperature:	-40°C to + 85°C
Storage temperature:	-55°C to + 125°C

Part No.	L(μH)	Tolerance	Q	Test Freq.	SRF(MHz)	DCR(Ω)	Idc(mA)
		(%)	(min)	(MHz)	(min)	(max)	(max)
AIMS-1210-R10M	0.10	M	28	100	700	0.44	450
AIMS-1210-R12M	0.12	M	30	25.2	500	0.22	450
AIMS-1210-R15M	0.15	M	30	25.2	450	0.25	450
AIMS-1210-R18M	0.18	M	30	25.2	400	0.28	450
AIMS-1210-R22M	0.22	M	30	25.2	350	0.32	450
AIMS-1210-R27M	0.27	M	30	25.2	320	0.36	450
AIMS-1210-R33M	0.33	M	30	25.2	300	0.40	450
AIMS-1210-R39M	0.39	M	30	25.2	250	0.45	450
AIMS-1210-R47M	0.47	M	30	25.2	220	0.50	450
AIMS-1210-R56M	0.56	M	30	25.2	180	0.55	450
AIMS-1210-R68M	0.68	M	30	25.2	160	0.60	450
AIMS-1210-R82M	0.82	M	30	25.2	140	0.65	450
AIMS-1210-1R0K	1.00	K	30	7.96	120	0.70	400
AIMS-1210-1R2K	1.20	K	30	7.96	100	0.75	390
AIMS-1210-1R5K	1.50	K	30	7.96	85	0.85	370
AIMS-1210-1R8K	1.80	K	30	7.96	80	0.90	350
AIMS-1210-2R2K	2.20	K	30	7.96	75	1.00	320
AIMS-1210-2R7K	2.70	K	30	7.96	70	1.10	290
AIMS-1210-3R3K	3.30	K	30	7.96	60	1.20	270
AIMS-1210-3R9K	3.90	K	30	7.96	55	1.30	250
AIMS-1210-4R7K	4.70	K	30	7.96	50	1.50	220
AIMS-1210-5R6K	5.60	K	30	7.96	47	1.60	200
AIMS-1210-6R8K	6.80	K	30	7.96	43	1.80	180
AIMS-1210-8R2K	8.2	K	30	7.96	40	2.0	170
AIMS-1210-100K	10	K	30	2.52	36	2.1	150
AIMS-1210-120K	12	K	30	2.52	33	2.5	140
AIMS-1210-150K	15	K	30	2.52	30	2.8	130
AIMS-1210-180K	18	K	30	2.52	27	3.3	120
AIMS-1210-220K	22	K	30	2.52	25	3.7	110
AIMS-1210-270K	27	K	30	2.52	20	5.0	80
AIMS-1210-330K	33	K	30	2.52	17	5.6	70
AIMS-1210-390K	39	K	30	2.52	16	6.4	65
AIMS-1210-470K	47	K	30	2.52	15	7.0	60
AIMS-1210-560K	56	K	30	2.52	13	8.0	55
AIMS-1210-680K	68	K	30	2.52	12	9.0	50
AIMS-1210-820K	82	K	30	2.52	11	10	45
AIMS-1210-101K	100	K	20	0.796	10	10	40
AIMS-1210-121K	120	K	20	0.796	10	11	70
AIMS-1210-151K	150	K	20	0.796	8	15	65
AIMS-1210-181K	180	K	20	0.796	7	17	60
AIMS-1210-221K	220	K	20	0.796	7	21	50

OPTIONS & PART IDENTIFICATION:

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AIMS -1210 - □□□ □ - □



ABRACON IS
ISO 9001 / QS 9000
CERTIFIED



Visit www.abracon.com for Terms & Conditions of Sale **Revised: 02.08.08**

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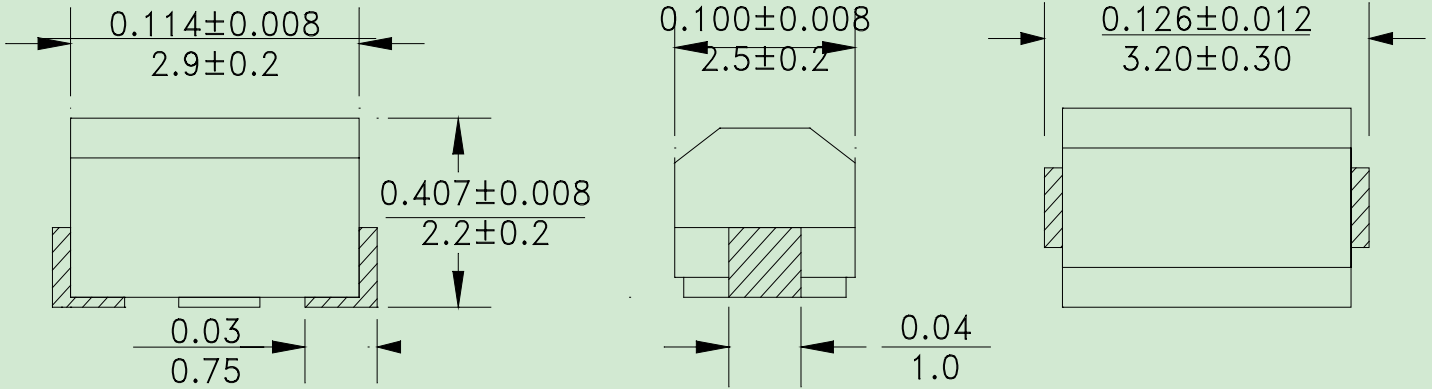
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AIMS-1210



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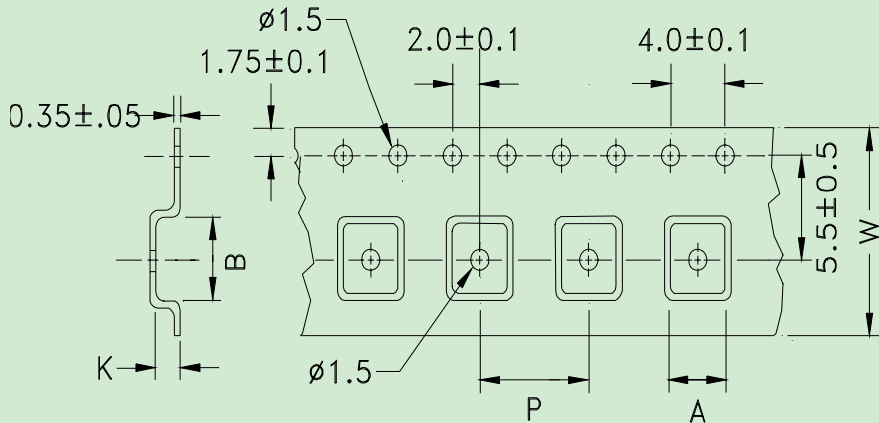
OUTLINE DRAWING:



Dimension: inch/mm

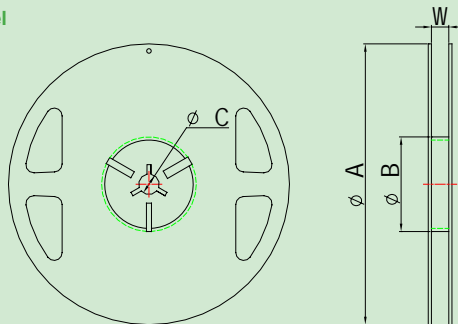
TAPE & REEL: Tape and reel 2,000pcs/reel

Dimensions of Tape



ABRACON P/N	A (mm)	B (mm)	K (mm)	P (mm)	W (mm)	PCS/REEL
AIMS-1210	2.9 ± 0.1	3.7 ± 0.1	2.5	8.0 ± 0.1	12.0 ± 0.3	2000

Dimensions of Reel



series	ΦA	ΦB	ΦC	W
AIMS-1210	178±2	60±2	13.5±0.5	12.5±0.5

Dimensions: mm

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