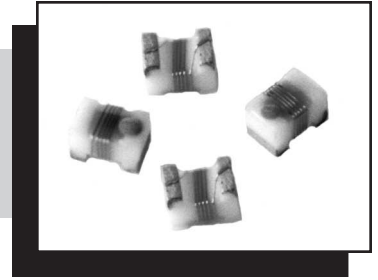


WIRE-WOUND CHIP INDUCTORS

AISC-1008 SERIES



STANDARD SPECIFICATIONS

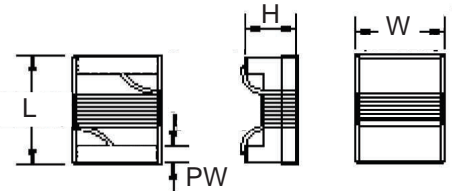
Part Number ²	L ^{1,2} (mH)	Q (MIN)	L Test (MHz)	SRF (MIN) (MHz)	DCR W (MAX)	Idc (mA) (MAX)
AISC-1008-R0047M	0.0047	60	50	6000	0.11	1000
AISC-1008-R010M	0.010	55	50	4100	0.08	1000
AISC-1008-R012M	0.012	65	50	3400	0.09	1000
AISC-1008-R015M	0.015	55	50	2600	0.13	1000
AISC-1008-R018M	0.018	60	50	2600	0.11	1000
AISC-1008-R022M	0.022	60	50	2400	0.12	1000
AISC-1008-R027M	0.027	60	50	1700	0.13	1000
AISC-1008-R033M	0.033	70	50	1700	0.14	1000
AISC-1008-R039M	0.039	70	50	1600	0.15	1000
AISC-1008-R047M	0.047	70	50	1600	0.18	1000
AISC-1008-R056K	0.056	70	50	1400	0.18	1000
AISC-1008-R068K	0.068	65	50	1200	0.21	1000
AISC-1008-R082K	0.082	65	50	1000	0.22	1000
AISC-1008-R10K	0.10	60	25	1000	0.56	650
AISC-1008-R12K	0.12	60	25	1000	0.63	650
AISC-1008-R15K	0.15	50	25	850	0.62	580
AISC-1008-R18K	0.18	50	25	800	0.70	620
AISC-1008-R22K	0.22	50	25	700	0.80	500
AISC-1008-R27K	0.27	50	25	700	0.91	500
AISC-1008-R33K	0.33	50	25	600	1.05	450

Part Number ²	L ^{1,2} (mH)	Q (MIN)	L Test (MHz)	SRF (MIN) (MHz)	DCR W (MAX)	Idc (mA) (MAX)
AISC-1008-R39K	0.39	50	25	500	1.12	470
AISC-1008-R47K	0.47	50	25	500	1.19	470
AISC-1008-R56K	0.56	50	25	450	1.33	400
AISC-1008-R62K	0.62	50	25	415	1.40	300
AISC-1008-R68K	0.68	45	25	375	1.47	400
AISC-1008-R75K	0.75	45	25	360	1.54	360
AISC-1008-R82K	0.82	45	25	350	1.61	400
AISC-1008-R91K	0.91	40	25	320	1.68	380
AISC-1008-1R0K	1.00	35	25	290	1.75	370
AISC-1008-1R2K	1.20	35	7.9	250	2.00	310
AISC-1008-1R5K	1.50	28	7.9	200	2.30	300
AISC-1008-1R8K	1.80	28	7.9	160	2.60	300
AISC-1008-2R2K	2.20	28	7.9	160	2.80	280
AISC-1008-2R7K	2.70	22	7.9	140	.20	280
AISC-1008-3R3K	3.30	22	7.9	110	3.40	280
AISC-1008-3R9K	3.90	20	7.9	95	.60	260
AISC-1008-4R7K	4.70	20	7.9	85	4.00	260
AISC-1008-6R8K	6.80	16	7.9	120	5.45	260
AISC-1008-8R2K	8.20	16	7.9	110	6.20	200
AISC-1008-100K	10.00	15	7.9	60	2.80	150

Notes:

1. Tolerance specified as: J = 5%, K = 10%, M = 20%
2. Letter suffix indicates standard tolerance
3. Dimensions: inches / mm; see spec sheet for tolerance limits
4. Specifications subject to change without notice

PHYSICAL CHARACTERISTICS



	Length ³ (L)	Width ³ (W)	Height ³ (H)	Pad Width ³ (PW)
AISC-1008	.098±.0082 (2,5±0,2)	.079±.008 (2,00±0,2)	.063±.008 (1,6±0,2)	.020±.008 (1,6±0,2)

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