



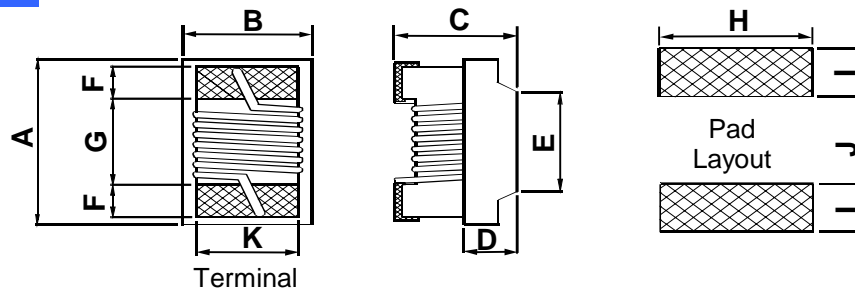
WIRE-WOUND CHIP INDUCTOR – FERRITE/OPENTYPE

0805CS (2012) Ferrite Series (0.12~33μH)

Part Number	Inductance μH	Percent Tolerance	Q Min	SRF Min MHz	R _{DC} Max Ohms	I _{DC} Max mA	Color Code
0805CS-121E_FS	0.12@ 25.2MHz	10,5	20@ 25.2MHz	500	0.20	600	White
0805CS-151E_FS	0.15@ 25.2MHz	10,5	20@ 25.2MHz	450	0.25	600	Black
0805CS-181E_FS	0.18@ 25.2MHz	10,5	20@ 25.2MHz	410	0.30	570	Brown
0805CS-221E_FS	0.22@ 25.2MHz	10,5	20@ 25.2MHz	350	0.35	550	Red
0805CS-271E_FS	0.27@ 25.2MHz	10,5	20@ 25.2MHz	280	0.40	530	Orange
0805CS-331E_FS	0.33@ 25.2MHz	10,5	20@ 25.2MHz	235	0.45	510	Yellow
0805CS-391E_FS	0.39@ 25.2MHz	10,5	20@ 25.2MHz	210	0.50	490	Green
0805CS-471E_FS	0.47@ 25.2MHz	10,5	20@ 25.2MHz	170	0.55	470	Blue
0805CS-561E_FS	0.56@ 25.2MHz	10,5	20@ 25.2MHz	150	0.60	450	Violet
0805CS-681E_FS	0.68@ 25.2MHz	10,5	20@ 25.2MHz	140	0.70	420	Gray
0805CS-821E_FS	0.82@ 25.2MHz	10,5	20@ 25.2MHz	130	0.75	400	White
0805CS-102E_FS	1.00@ 7.96MHz	10,5	15@ 7.96MHz	115	0.80	350	Black
0805CS-122E_FS	1.20@ 7.96MHz	10,5	15@ 7.96MHz	95	0.90	325	Brown
0805CS-152E_FS	1.50@ 7.96MHz	10,5	15@ 7.96MHz	85	1.05	300	Red
0805CS-182E_FS	1.80@ 7.96MHz	10,5	15@ 7.96MHz	80	1.20	270	Orange
0805CS-222E_FS	2.20@ 7.96MHz	10,5	15@ 7.96MHz	75	1.40	250	Yellow
0805CS-272E_FS	2.70@ 7.96MHz	10,5	15@ 7.96MHz	70	1.60	230	Green
0805CS-332E_FS	3.30@ 7.96MHz	10,5	15@ 7.96MHz	60	1.80	210	Blue
0805CS-392E_FS	3.90@ 7.96MHz	10,5	15@ 7.96MHz	55	2.00	190	Violet
0805CS-472E_FS	4.70@ 7.96MHz	10,5	15@ 7.96MHz	45	2.40	170	Gray
0805CS-562E_FS	5.60@ 7.96MHz	10,5	15@ 7.96MHz	40	2.70	150	White
0805CS-682E_FS	6.80@ 7.96MHz	10,5	15@ 7.96MHz	36	3.20	140	Black
0805CS-822E_FS	8.20@ 7.96MHz	10,5	15@ 7.96MHz	33	3.60	120	Brown
0805CS-103E_FS	10.0 @ 2.52MHz	10,5	10@ 2.52MHz	30	4.50	110	Red
0805HS-123E_FS	12.0 @ 2.52MHz	10,5	15@ 2.52MHz	25	4.50	105	Orange
0805HS-153E_FS	15.0 @ 2.52MHz	10,5	15@ 2.52MHz	23	5.00	90	Yellow
0805HS-183E_FS	18.0 @ 2.52MHz	10,5	15@ 2.52MHz	21	5.50	85	Green
0805HS-223E_FS	22.0 @ 2.52MHz	10,5	15@ 2.52MHz	20	6.00	78	Blue
0805HS-273E_FS	27.0 @ 2.52MHz	10,5	15@ 2.52MHz	18	6.50	75	Violet
0805HS-333E_FS	33.0 @ 2.52MHz	10,5	15@ 2.52MHz	17	7.00	70	Gray

Working Temperature Range : -20 °C ~ 80 °C

Shape & Dimension



	A		B		C		D Ref.	E Ref.	F	G	H	I	J	K
	Max.	Ref.	Max.	Ref.	Max.	Ref.								
Inch	0.090	0.083	0.068	0.065	0.057	0.051	0.020	0.050	0.018	0.040	0.070	0.040	0.030	0.050
mm	2.29	2.10	1.73	1.65	1.45	1.30	0.51	1.27	0.44	1.02	1.78	1.02	0.76	1.27

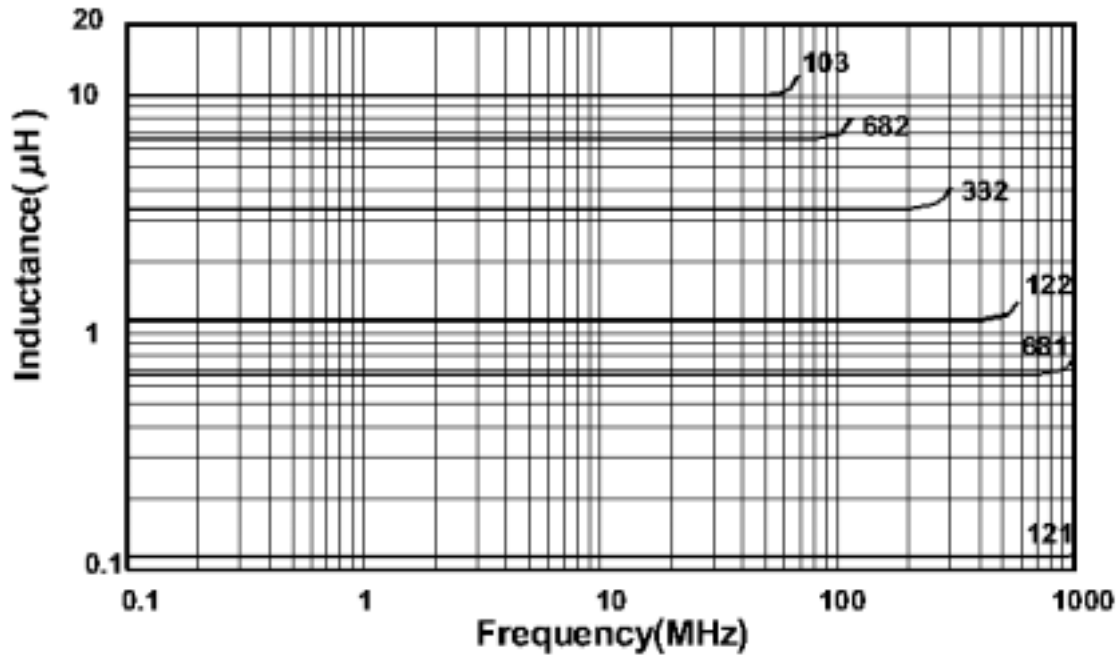
Parts/Reel: 7" 2,000 PCS
Tape Width: 8mm



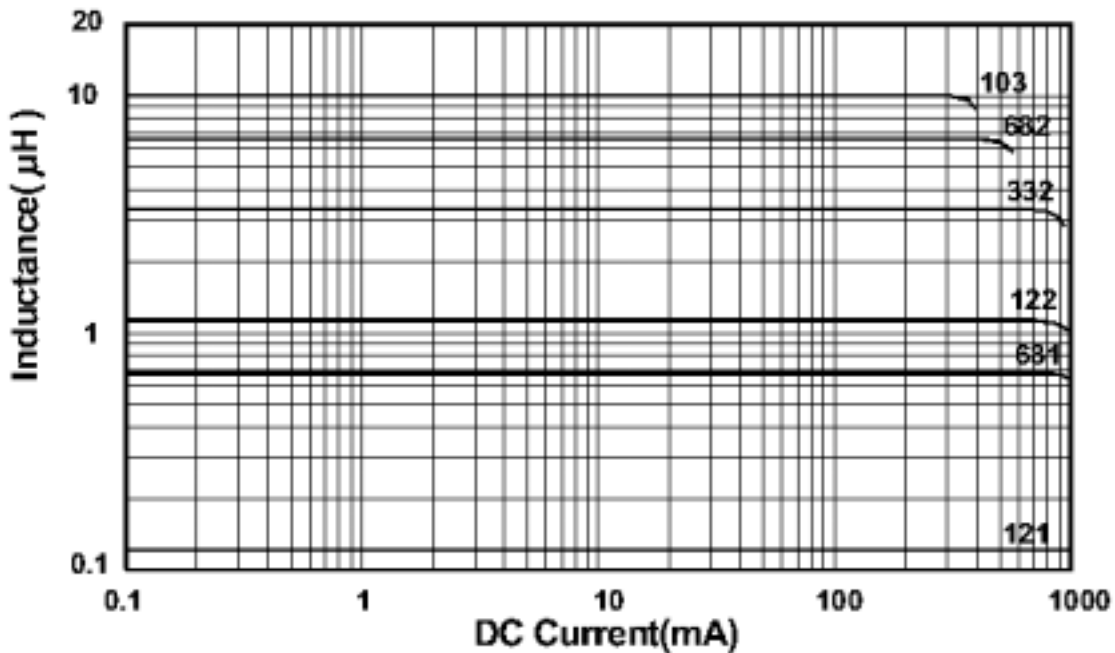
WIRE-WOUND CHIP INDUCTOR – FERRITE/OPENTYPE

(2012) Ferrite Series (0.12~10 μ H)

TYPICAL L vs FREQUENCY



TYPICAL L vs DC CURRENT





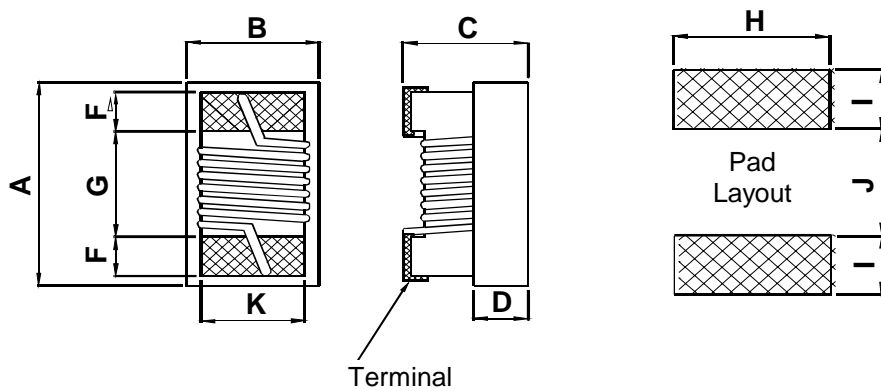
WIRE-WOUND CHIP INDUCTOR – FERRITE/OPEN TYPE

1008CS (2520) Ferrite Series (0.12~100μH)

Part Number	Inductance μH	Percent Tolerance	Q Min	SRF Min MHz	R _{DC} Max Ohms	I _{DC} Max mA
1008CS-121E_FS	0.12 @ 25.2MHz	10,5	30 @ 25.2MHz	700	0.30	550
1008CS-151E_FS	0.15 @ 25.2MHz	10,5	30 @ 25.2MHz	550	0.35	500
1008CS-181E_FS	0.18 @ 25.2MHz	10,5	30 @ 25.2MHz	500	0.40	460
1008CS-221E_FS	0.22 @ 25.2MHz	10,5	30 @ 25.2MHz	450	0.50	430
1008CS-271E_FS	0.27 @ 25.2MHz	10,5	30 @ 25.2MHz	425	0.55	420
1008CS-331E_FS	0.33 @ 25.2MHz	10,5	30 @ 25.2MHz	400	0.60	400
1008CS-391E_FS	0.39 @ 25.2MHz	10,5	30 @ 25.2MHz	375	0.65	375
1008CS-471E_FS	0.47 @ 25.2MHz	10,5	30 @ 25.2MHz	350	0.68	350
1008CS-561E_FS	0.56 @ 25.2MHz	10,5	30 @ 25.2MHz	325	0.75	325
1008CS-681E_FS	0.68 @ 25.2MHz	10,5	30 @ 25.2MHz	300	0.85	300
1008CS-821E_FS	0.82 @ 25.2MHz	10,5	27 @ 25.2MHz	250	1.00	260
1008CS-102E_FS	1.00 @ 7.96MHz	10,5	27 @ 7.96MHz	220	1.10	245
1008CS-122E_FS	1.20 @ 7.96MHz	10,5	27 @ 7.96MHz	180	1.20	230
1008CS-152E_FS	1.50 @ 7.96MHz	10,5	27 @ 7.96MHz	135	1.30	220
1008CS-182E_FS	1.80 @ 7.96MHz	10,5	27 @ 7.96MHz	100	1.45	210
1008CS-222E_FS	2.20 @ 7.96MHz	10,5	27 @ 7.96MHz	75	1.55	200
1008CS-272E_FS	2.70 @ 7.96MHz	10,5	27 @ 7.96MHz	55	1.70	195
1008CS-332E_FS	3.30 @ 7.96MHz	10,5	27 @ 7.96MHz	48	1.95	185
1008CS-392E_FS	3.90 @ 7.96MHz	10,5	27 @ 7.96MHz	43	2.15	180
1008CS-472E_FS	4.70 @ 7.96MHz	10,5	27 @ 7.96MHz	40	2.30	175
1008CS-562E_FS	5.60 @ 7.96MHz	10,5	27 @ 7.96MHz	36	2.50	170
1008CS-682E_FS	6.80 @ 7.96MHz	10,5	27 @ 7.96MHz	33	2.70	165
1008CS-822E_FS	8.20 @ 7.96MHz	10,5	27 @ 7.96MHz	30	3.05	160
1008CS-103E_FS	10.0 @ 2.52MHz	10,5	25 @ 2.52MHz	27	3.50	155
1008CS-123E_FS	12.0 @ 2.52MHz	10,5	25 @ 2.52MHz	23	3.80	150
1008CS-153E_FS	15.0 @ 2.52MHz	10,5	25 @ 2.52MHz	20	4.40	140
1008CS-183E_FS	18.0 @ 2.52MHz	10,5	25 @ 2.52MHz	18	4.80	130
1008CS-223E_FS	22.0 @ 2.52MHz	10,5	25 @ 2.52MHz	22	5.50	125
1008CS-273E_FS	27.0 @ 2.52MHz	10,5	25 @ 2.52MHz	21	6.30	115
1008CS-333E_FS	33.0 @ 2.52MHz	10,5	25 @ 2.52MHz	20	7.10	110
1008CS-393E_FS	39.0 @ 2.52MHz	10,5	20 @ 2.52MHz	18	9.50	90
1008CS-473E_FS	47.0 @ 2.52MHz	10,5	20 @ 2.52MHz	17	11.1	80
1008CS-563E_FS	56.0 @ 2.52MHz	10,5	20 @ 2.52MHz	16	12.1	75
1008CS-683E_FS	68.0 @ 2.52MHz	10,5	20 @ 2.52MHz	15	16.6	70
1008CS-823E_FS	82.0 @ 2.52MHz	10,5	20 @ 2.52MHz	13	19.0	66
1008CS-104E_FS	100.0 @ 0.796MHz	10,5	15 @ 0.796MHz	12	21.0	60

Working Temperature : -20 °C ~ 80 °C

Shape & Dimension



	A		B		C		D Ref.	K	F	G	H	I	J
	Max.	Ref.	Max.	Ref.	Max.	Ref.							
Inch	0.115	0.103	0.110	0.095	0.094	0.086	0.047	0.080	0.017	0.060	0.100	0.040	0.050
mm	2.92	2.60	2.79	2.40	2.40	2.20	1.20	2.03	0.45	1.52	2.54	1.02	1.27

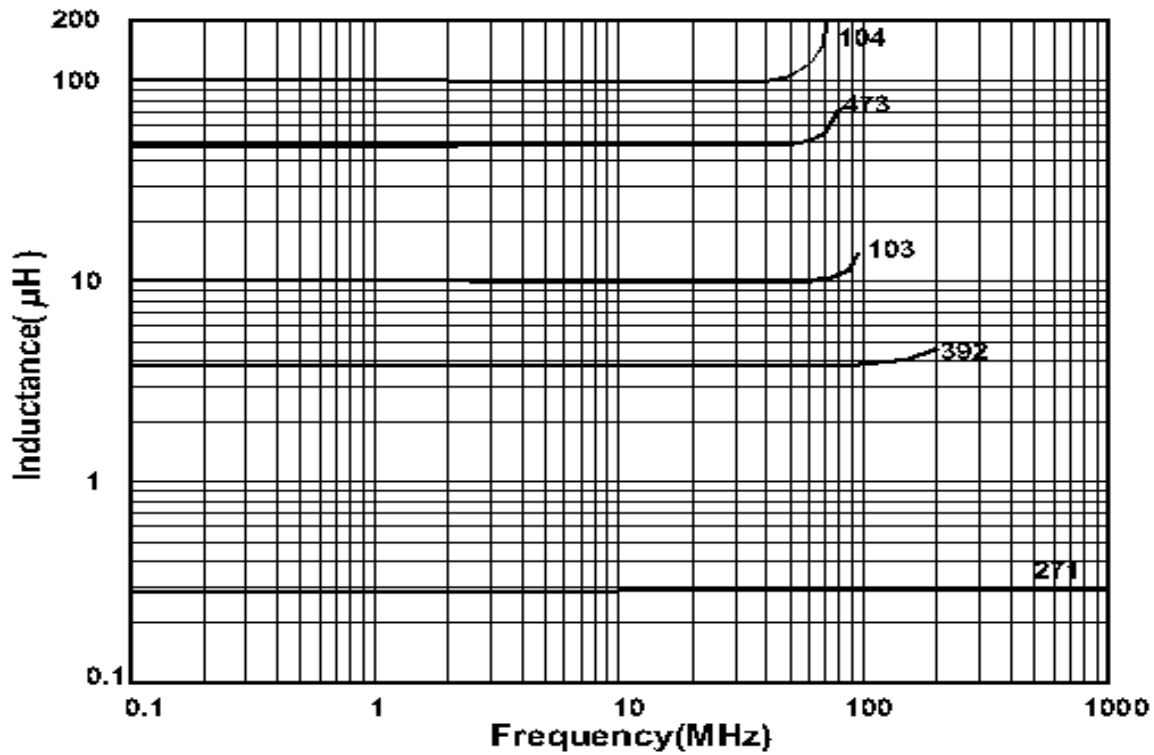
Parts/Reel: 7" 2,000 PCS
Tape Width: 8mm



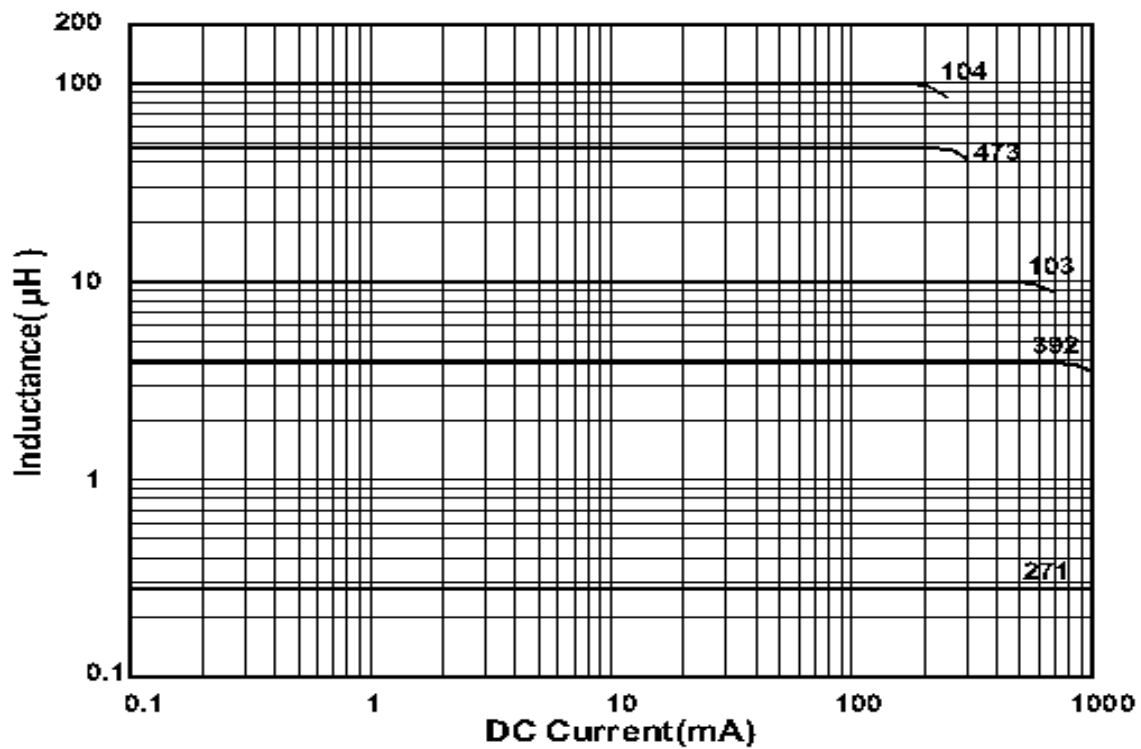
WIRE-WOUND CHIP INDUCTOR -FERRITE/OPEN TYPE

1008CS (2520) Ferrite Series (0.12~100 μ H)

TYPICAL L vs FREQUENCY



TYPICAL L vs DC CURRENT





WIRE-WOUND CHIP INDUCTOR – FERRITE/OPEN TYPE
1008HS (2520) Ferrite Series (0.12~100µH)

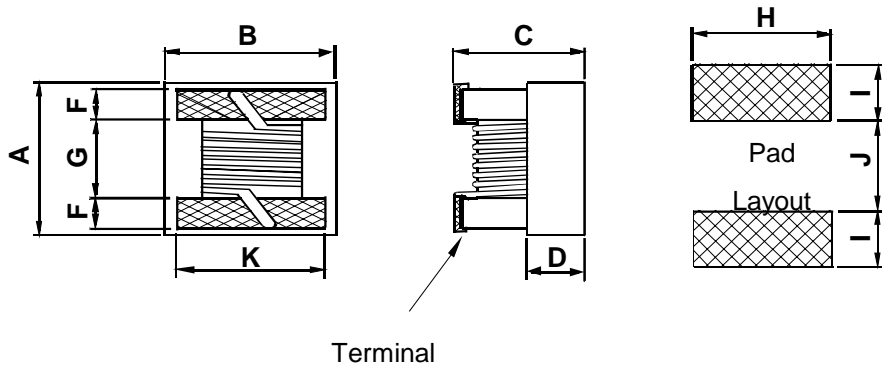
Part Number	Inductance µH	Percent Tolerance	Q Min	SRF Min MHz	R _{DC} Max Ohms	I _{DC} Max mA
1008HS-121E_FS	0.12 @ 25.2MHz	10,5	30 @ 25.2MHz	700	0.10	600
1008HS-151E_FS	0.15 @ 25.2MHz	10,5	30 @ 25.2MHz	550	0.15	600
1008HS-181E_FS	0.18 @ 25.2MHz	10,5	30 @ 25.2MHz	500	0.20	600
1008HS-221E_FS	0.22 @ 25.2MHz	10,5	30 @ 25.2MHz	450	0.25	600
1008HS-271E_FS	0.27 @ 25.2MHz	10,5	30 @ 25.2MHz	425	0.30	600
1008HS-331E_FS	0.33 @ 25.2MHz	10,5	30 @ 25.2MHz	400	0.35	500
1008HS-391E_FS	0.39 @ 25.2MHz	10,5	30 @ 25.2MHz	375	0.40	500
1008HS-471E_FS	0.47 @ 25.2MHz	10,5	30 @ 25.2MHz	350	0.45	500
1008HS-561E_FS	0.56 @ 25.2MHz	10,5	30 @ 25.2MHz	325	0.50	500
1008HS-681E_FS	0.68 @ 25.2MHz	10,5	30 @ 25.2MHz	300	0.55	450
1008HS-821E_FS	0.82 @ 25.2MHz	10,5	30 @ 25.2MHz	260	0.60	400
1008HS-102E_FS	1.00 @ 7.96MHz	10,5	25 @ 7.96MHz	245	0.65	390
1008HS-122E_FS	1.20 @ 7.96MHz	10,5	25 @ 7.96MHz	230	0.70	380
1008HS-152E_FS	1.50 @ 7.96MHz	10,5	25 @ 7.96MHz	182	0.85	370
1008HS-182E_FS	1.80 @ 7.96MHz	10,5	25 @ 7.96MHz	135	0.90	360
1008HS-222E_FS	2.20 @ 7.96MHz	10,5	25 @ 7.96MHz	105	0.95	350
1008HS-272E_FS	2.70 @ 7.96MHz	10,5	25 @ 7.96MHz	70	1.05	330
1008HS-332E_FS	3.30 @ 7.96MHz	10,5	25 @ 7.96MHz	55	1.15	320
1008HS-392E_FS	3.90 @ 7.96MHz	10,5	25 @ 7.96MHz	48	1.30	310
1008HS-472E_FS	4.70 @ 7.96MHz	10,5	25 @ 7.96MHz	43	1.40	300
1008HS-562E_FS	5.60 @ 7.96MHz	10,5	25 @ 7.96MHz	42	1.50	280
1008HS-682E_FS	6.80 @ 7.96MHz	10,5	25 @ 7.96MHz	39	1.60	260
1008HS-822E_FS	8.20 @ 7.96MHz	10,5	25 @ 7.96MHz	36	1.80	250
1008HS-103E_FS	10.0 @ 2.52MHz	10,5	20 @ 2.52MHz	33	2.30	200
1008HS-123E_FS	12.0 @ 2.52MHz	10,5	20 @ 2.52MHz	28	2.50	180
1008HS-153E_FS	15.0 @ 2.52MHz	10,5	20 @ 2.52MHz	24	2.70	160
1008HS-183E_FS	18.0 @ 2.52MHz	10,5	20 @ 2.52MHz	20	3.00	150
1008HS-223E_FS	22.0 @ 2.52MHz	10,5	20 @ 2.52MHz	18	3.40	135
1008HS-273E_FS	27.0 @ 2.52MHz	10,5	20 @ 2.52MHz	17	3.90	125
1008HS-333E_FS	33.0 @ 2.52MHz	10,5	20 @ 2.52MHz	16	4.50	120
1008HS-393E_FS	39.0 @ 2.52MHz	10,5	18 @ 2.52MHz	15	6.20	100
1008HS-473E_FS	47.0 @ 2.52MHz	10,5	18 @ 2.52MHz	14	7.20	90
1008HS-563E_FS	56.0 @ 2.52MHz	10,5	18 @ 2.52MHz	13	8.00	85
1008HS-683E_FS	68.0 @ 2.52MHz	10,5	18 @ 2.52MHz	12	10.0	80
1008HS-823E_FS	82.0 @ 2.52MHz	10,5	18 @ 2.52MHz	10	12.0	70
1008HS-104E_FS	100. @ 0.796MHz	10,5	12 @ 0.796MHz	8	13.0	60

Working Temperature : -20 °C ~ 80 °C



WIRE-WOUND CHIP INDUCTOR – FERRITE/OPEN TYPE
1008HS (2520) Ferrite Series (0.12~100μH)

Shape & Dimension



			B		C		D Ref.	K	F	G	H	I	J
	Max.	Ref	Max.	Ref	Max.	Ref							
inch	0.115	0.103	0.110	0.095	0.094	0.086	0.047	0.080	0.017	0.060	0.100	0.040	0.050
mm	2.92	2.6	2.79	2.4	2.1	1.90	1.20	2.03	0.45	1.52	2.54	1.02	1.27

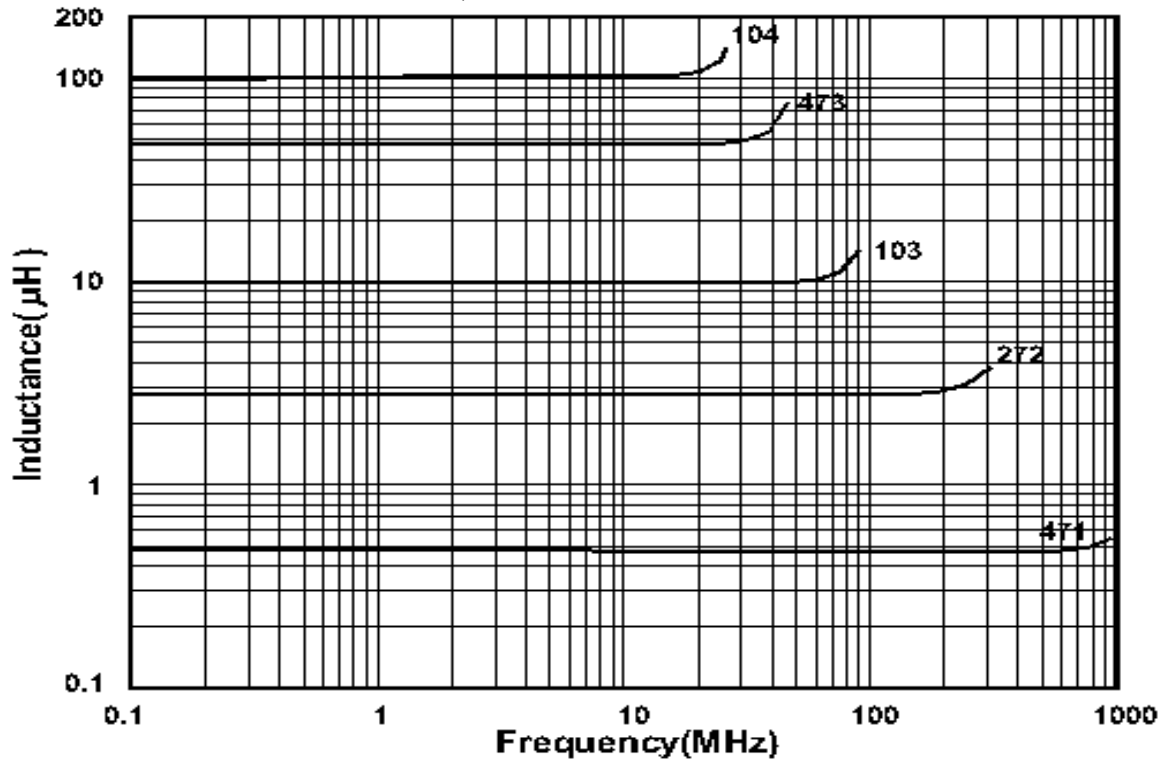
Parts/Reel: 7" 2,000 PCS
 Tape Width: 8mm



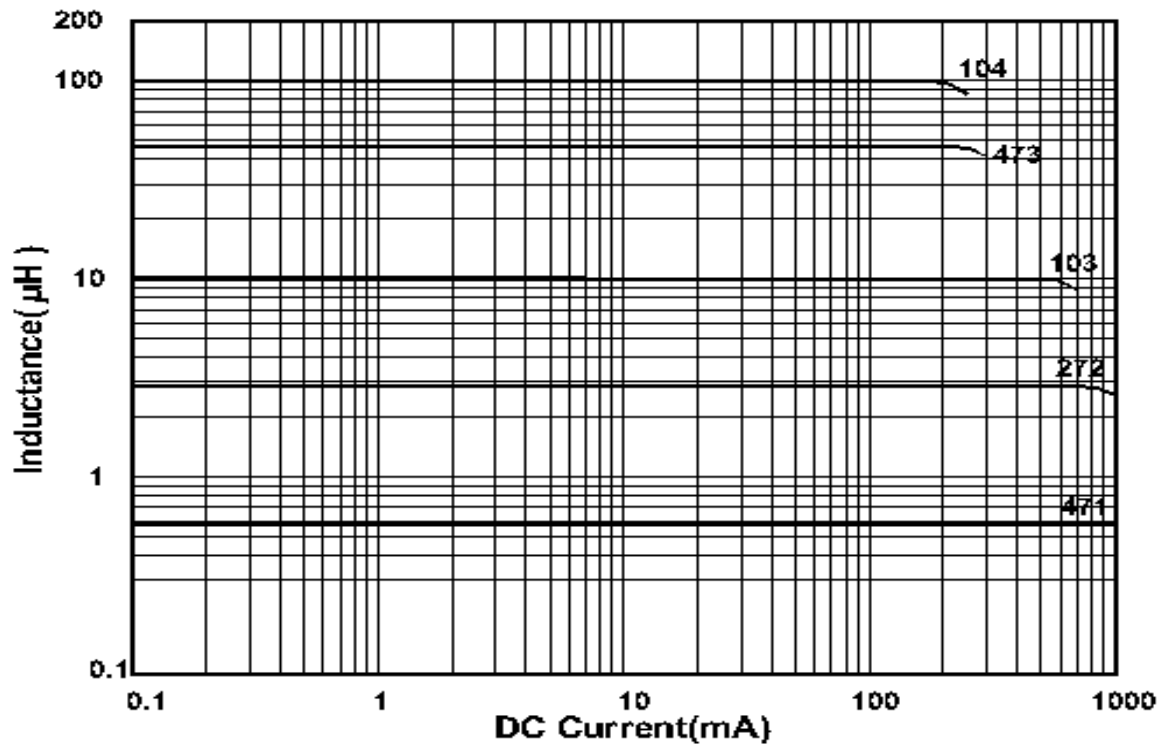
WIRE-WOUND CHIP INDUCTOR – FERRITE/OPEN TYPE

1008HS (2520) Ferrite Series (0.12~100 μ H)

TYPICAL L vs FREQUENCY



TYPICAL L vs DC CURRENT





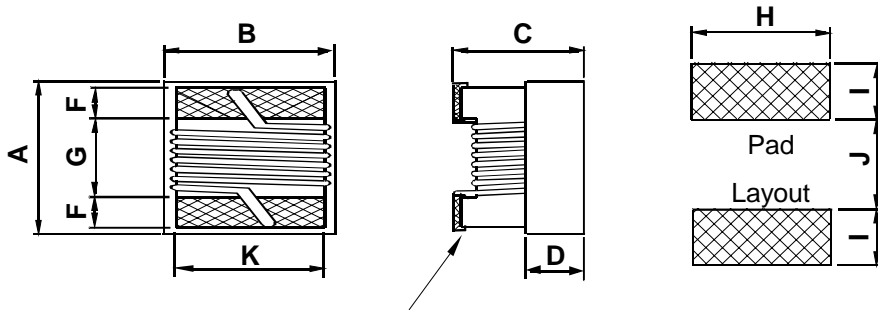
WIRE-WOUND CHIP INDUCTOR – FERRITE/OPEN TYPE

1210CS (322522) Ferrite Series (0.12~220μH)

Part Number	Inductance μH	Percent Tolerance	Q Min	SRF Min MHz	R _{DC} Max Ohms	I _{DC} Max mA
1210CS-101E_FS	0.10 @ 100MHz	10,5	28 @ 100MHz	700	0.44	450
1210CS-121E_FS	0.12 @ 25.2MHz	10,5	30 @ 25.2MHz	500	0.22	450
1210CS-151E_FS	0.15 @ 25.2MHz	10,5	30 @ 25.2MHz	450	0.25	450
1210CS-181E_FS	0.18 @ 25.2MHz	10,5	30 @ 25.2MHz	400	0.28	450
1210CS-221E_FS	0.22 @ 25.2MHz	10,5	30 @ 25.2MHz	350	0.32	450
1210CS-271E_FS	0.27 @ 25.2MHz	10,5	30 @ 25.2MHz	320	0.36	450
1210CS-331E_FS	0.33 @ 25.2MHz	10,5	30 @ 25.2MHz	300	0.40	450
1210CS-391E_FS	0.39 @ 25.2MHz	10,5	30 @ 25.2MHz	250	0.45	450
1210CS-471E_FS	0.47 @ 25.2MHz	10,5	30 @ 25.2MHz	220	0.50	450
1210CS-561E_FS	0.56 @ 25.2MHz	10,5	30 @ 25.2MHz	180	0.55	450
1210CS-681E_FS	0.68 @ 25.2MHz	10,5	30 @ 25.2MHz	160	0.60	450
1210CS-821E_FS	0.82 @ 25.2MHz	10,5	30 @ 25.2MHz	140	0.65	450
1210CS-102E_FS	1.00 @ 7.96MHz	10,5	30 @ 7.96MHz	120	0.70	400
1210CS-122E_FS	1.20 @ 7.96MHz	10,5	30 @ 7.96MHz	100	0.75	390
1210CS-152E_FS	1.50 @ 7.96MHz	10,5	30 @ 7.96MHz	85	0.85	370
1210CS-182E_FS	1.80 @ 7.96MHz	10,5	30 @ 7.96MHz	80	0.90	350
1210CS-222E_FS	2.20 @ 7.96MHz	10,5	30 @ 7.96MHz	75	1.00	320
1210CS-272E_FS	2.70 @ 7.96MHz	10,5	30 @ 7.96MHz	70	1.10	290
1210CS-332E_FS	3.30 @ 7.96MHz	10,5	30 @ 7.96MHz	60	1.20	260
1210CS-392E_FS	3.90 @ 7.96MHz	10,5	30 @ 7.96MHz	55	1.30	250
1210CS-472E_FS	4.70 @ 7.96MHz	10,5	30 @ 7.96MHz	50	1.50	220
1210CS-562E_FS	5.60 @ 7.96MHz	10,5	30 @ 7.96MHz	47	1.60	200
1210CS-682E_FS	6.80 @ 7.96MHz	10,5	30 @ 7.96MHz	43	1.80	180
1210CS-822E_FS	8.20 @ 7.96MHz	10,5	30 @ 7.96MHz	40	2.00	170
1210CS-103E_FS	10.0 @ 2.52MHz	10,5	30 @ 2.52MHz	36	2.10	150
1210CS-123E_FS	12.0 @ 2.52MHz	10,5	30 @ 2.52MHz	33	2.50	140
1210CS-153E_FS	15.0 @ 2.52MHz	10,5	30 @ 2.52MHz	30	2.80	130
1210CS-183E_FS	18.0 @ 2.52MHz	10,5	30 @ 2.52MHz	27	3.30	120
1210CS-223E_FS	22.0 @ 2.52MHz	10,5	30 @ 2.52MHz	25	3.70	110
1210CS-273E_FS	27.0 @ 2.52MHz	10,5	30 @ 2.52MHz	20	5.00	80
1210CS-333E_FS	33.0 @ 2.52MHz	10,5	30 @ 2.52MHz	17	5.60	70
1210CS-393E_FS	39.0 @ 2.52MHz	10,5	30 @ 2.52MHz	16	6.40	65
1210CS-473E_FS	47.0 @ 2.52MHz	10,5	30 @ 2.52MHz	15	7.00	60
1210CS-563E_FS	56.0 @ 2.52MHz	10,5	30 @ 2.52MHz	13	8.00	55
1210CS-683E_FS	68.0 @ 2.52MHz	10,5	30 @ 2.52MHz	12	9.00	50
1210CS-823E_FS	82.0 @ 2.52MHz	10,5	30 @ 2.52MHz	11	10.0	45
1210CS-104E_FS	100 @ 0.796MHz	10,5	20 @ 0.796MHz	10	10.0	40
1210CS-124E_FS	120 @ 0.796MHz	10,5	20 @ 0.796MHz	10	11.0	70
1210CS-154E_FS	150 @ 0.796MHz	10,5	20 @ 0.796MHz	8	15.0	65
1210CS-184E_FS	180 @ 0.796MHz	10,5	20 @ 0.796MHz	7	17.0	60
1210CS-224E_FS	220 @ 0.796MHz	10,5	20 @ 0.796MHz	7	21.0	50

Working Temperature : -20 °C ~ 80 °C

Shape & Dimension



Terminal

			B		C		D Ref.	K	F	G	H	I	J
	Max.	Ref	Max.	Ref	Max.	Ref							
inch	0.138	0.130	0.110	0.100	0.090	0.089	0.031	0.126	0.022	0.079	0.110	0.040	0.070
mm	3.50	3.30	2.80	2.60	2.40	2.25	0.8	3.20	0.55	2.00	2.80	1.02	1.78

Parts/Reel: 7" 1,000 PCS

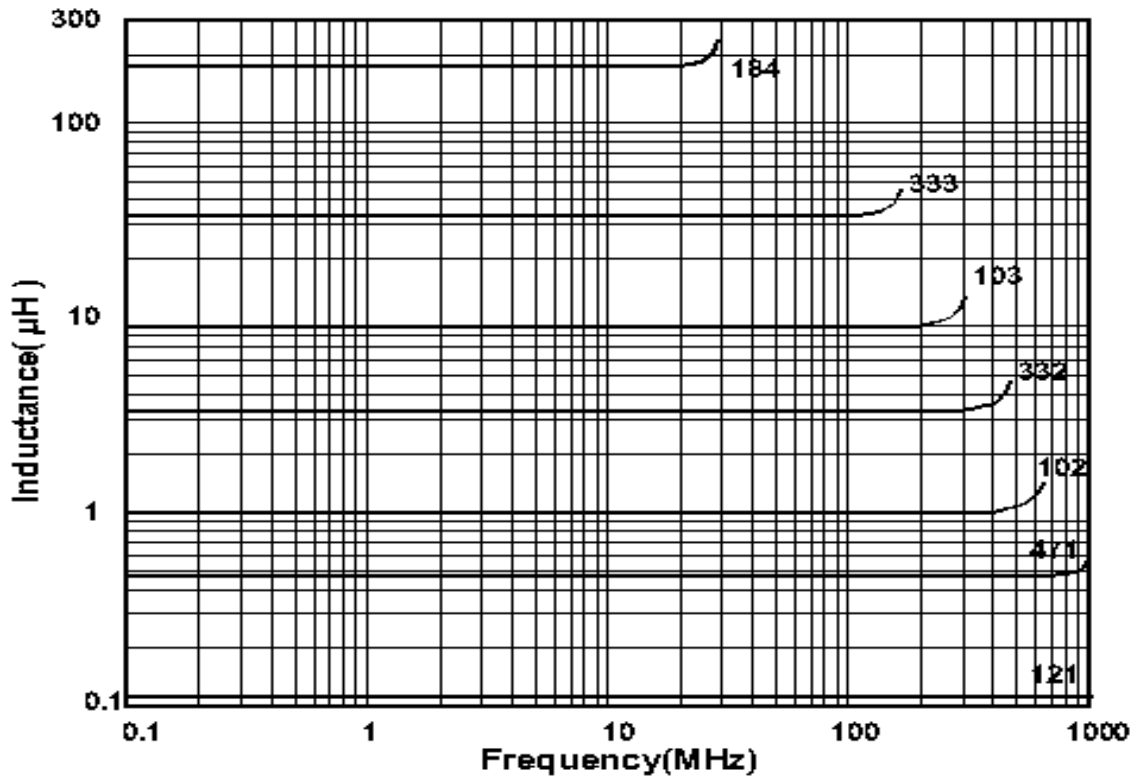
Tape Width: 8mm



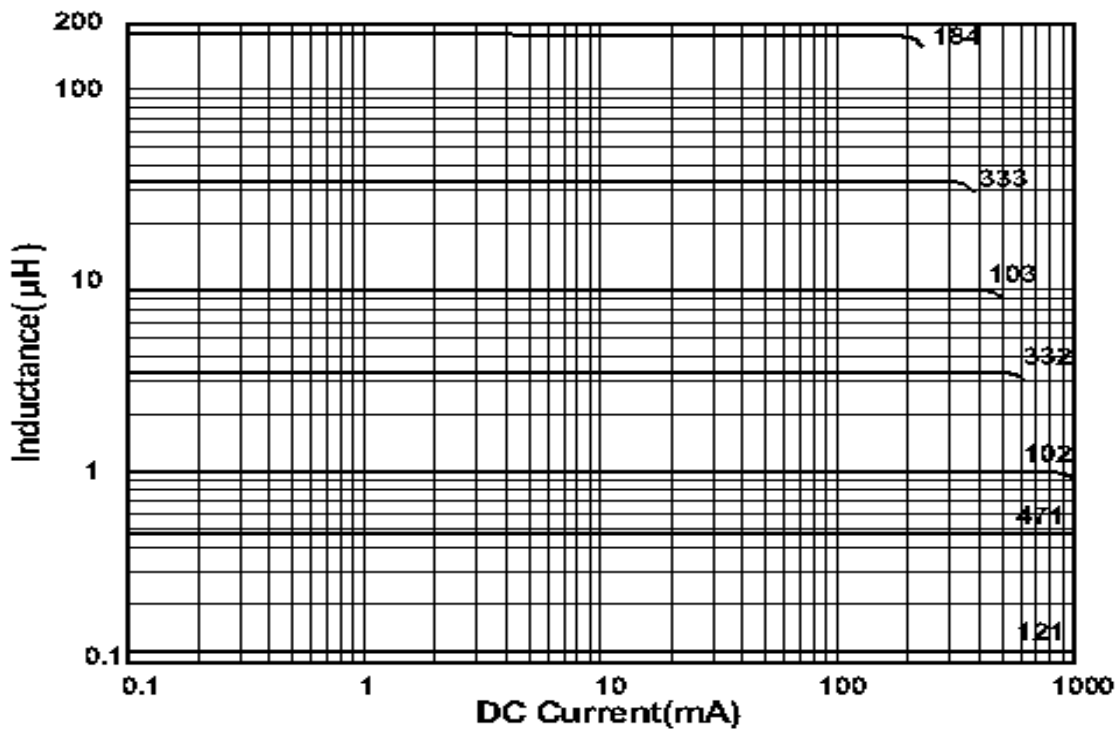
WIRE-WOUND CHIP INDUCTOR – FERRITE/OPEN TYPE

1210CS (322522) Ferrite Series (0.12~220 μ H)

TYPICAL L vs FREQUENCY



TYPICAL L vs DC CURRENT



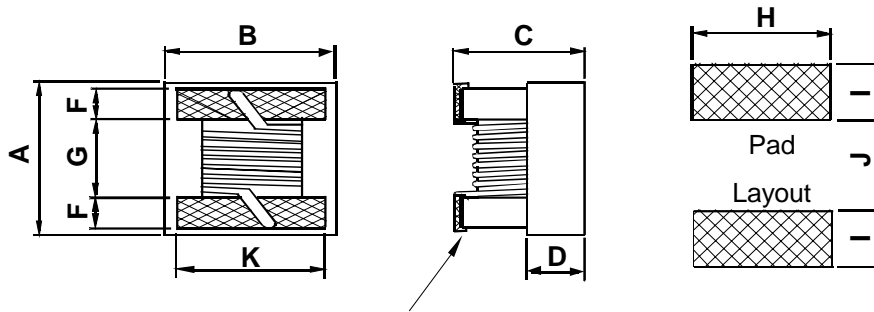


WIRE-WOUND CHIP INDUCTOR – FERRITE/OPEN TYPE
1210HS (322522) Ferrite Series (0.12~220μH)

Part Number	Inductance μH	Percent Tolerance	Q Min	SRF Min MHz	R _{DC} Max Ohms	I _{DC} Max mA
1210HS-121E_FS	0.12 @ 25.2MHz	20,10,5	35 @ 25.2MHz	500	0.10	700
1210HS-151E_FS	0.15 @ 25.2MHz	20,10,5	35 @ 25.2MHz	450	0.15	650
1210HS-181E_FS	0.18 @ 25.2MHz	20,10,5	35 @ 25.2MHz	400	0.10	650
1210HS-221E_FS	0.22 @ 25.2MHz	20,10,5	35 @ 25.2MHz	350	0.15	600
1210HS-271E_FS	0.27 @ 25.2MHz	20,10,5	35 @ 25.2MHz	320	0.10	600
1210HS-331E_FS	0.33 @ 25.2MHz	20,10,5	35 @ 25.2MHz	300	0.25	530
1210HS-391E_FS	0.39 @ 25.2MHz	20,10,5	35 @ 25.2MHz	250	0.25	530
1210HS-471E_FS	0.47 @ 25.2MHz	20,10,5	35 @ 25.2MHz	220	0.25	530
1210HS-561E_FS	0.56 @ 25.2MHz	20,10,5	35 @ 25.2MHz	180	0.25	530
1210HS-681E_FS	0.68 @ 25.2MHz	20,10,5	35 @ 25.2MHz	160	0.25	470
1210HS-821E_FS	0.82 @ 25.2MHz	20,10,5	35 @ 25.2MHz	140	0.25	450
1210HS- 102E_FS	1.00 @ 7.96MHz	20,10,5	30 @ 7.96MHz	120	0.50	445
1210HS- 122E_FS	1.20 @ 7.96MHz	20,10,5	30 @ 7.96MHz	100	0.60	425
1210HS- 152E_FS	1.50 @ 7.96MHz	20,10,5	30 @ 7.96MHz	85	0.60	400
1210HS- 182E_FS	1.80 @ 7.96MHz	20,10,5	30 @ 7.96MHz	80	0.70	390
1210HS- 222E_FS	2.20 @ 7.96MHz	20,10,5	30 @ 7.96MHz	75	0.80	370
1210HS- 272E_FS	2.70 @ 7.96MHz	20,10,5	30 @ 7.96MHz	70	0.90	320
1210HS- 332E_FS	3.30 @ 7.96MHz	20,10,5	30 @ 7.96MHz	60	1.00	300
1210HS- 392E_FS	3.90 @ 7.96MHz	20,10,5	30 @ 7.96MHz	55	1.10	290
1210HS- 472E_FS	4.70 @ 7.96MHz	20,10,5	30 @ 7.96MHz	50	1.20	270
1210HS- 562E_FS	5.60 @ 7.96MHz	20,10,5	30 @ 7.96MHz	47	1.30	250
1210HS- 682E_FS	6.80 @ 7.96MHz	20,10,5	30 @ 7.96MHz	43	1.50	240
1210HS- 822E_FS	8.20 @ 7.96MHz	20,10,5	30 @ 7.96MHz	40	1.69	225
1210HS- 103E_FS	10.0 @ 2.52MHz	20,10,5	25 @ 2.52MHz	36	1.80	190
1210HS- 123E_FS	12.0 @ 2.52MHz	20,10,5	25 @ 2.52MHz	33	2.00	180
1210HS- 153E_FS	15.0 @ 2.52MHz	20,10,5	25 @ 2.52MHz	30	2.20	170
1210HS- 183E_FS	18.0 @ 2.52MHz	20,10,5	25 @ 2.52MHz	27	2.50	165
1210HS- 223E_FS	22.0 @ 2.52MHz	20,10,5	25 @ 2.52MHz	25	2.80	150
1210HS- 273E_FS	27.0 @ 2.52MHz	20,10,5	25 @ 2.52MHz	20	3.10	125
1210HS- 333E_FS	33.0 @ 2.52MHz	20,10,5	25 @ 2.52MHz	17	3.50	115
1210HS- 393E_FS	39.0 @ 2.52MHz	20,10,5	25 @ 2.52MHz	16	3.90	110
1210HS- 473E_FS	47.0 @ 2.52MHz	20,10,5	25 @ 2.52MHz	15	4.30	100
1210HS- 563E_FS	56.0 @ 2.52MHz	20,10,5	25 @ 2.52MHz	13	4.90	85
1210HS- 683E_FS	68.0 @ 2.52MHz	20,10,5	25 @ 2.52MHz	12	5.50	80
1210HS- 823E_FS	82.0 @ 2.52MHz	20,10,5	25 @ 2.52MHz	11	6.20	70
1210HS- 104E_FS	100 @ 0.796MHz	20,10,5	15 @ 0.796MHz	10	7.00	80
1210HS- 124E_FS	120 @ 0.796MHz	20,10,5	15 @ 0.796MHz	10	8.00	75
1210HS- 154E_FS	150 @ 0.796MHz	20,10,5	15 @ 0.796MHz	8	9.30	70
1210HS- 184E_FS	180 @ 0.796MHz	20,10,5	15 @ 0.796MHz	7	10.2	65
1210HS- 224E_FS	220 @ 0.796MHz	20,10,5	15 @ 0.796MHz	7	11.8	65

Working Temperature : -20 °C ~ 80 °C

Shape & Dimension



Terminal

			B		C		D Ref.	K	F	G	H	I	J
	Max.	Ref	Max.	Ref	Max.	Ref							
inch	0.138	0.130	0.110	0.100	0.090	0.089	0.031	0.126	0.022	0.079	0.110	0.040	0.070
mm	3.50	3.30	2.80	2.60	2.40	2.25	0.80	3.20	0.55	2.00	2.80	1.02	1.78

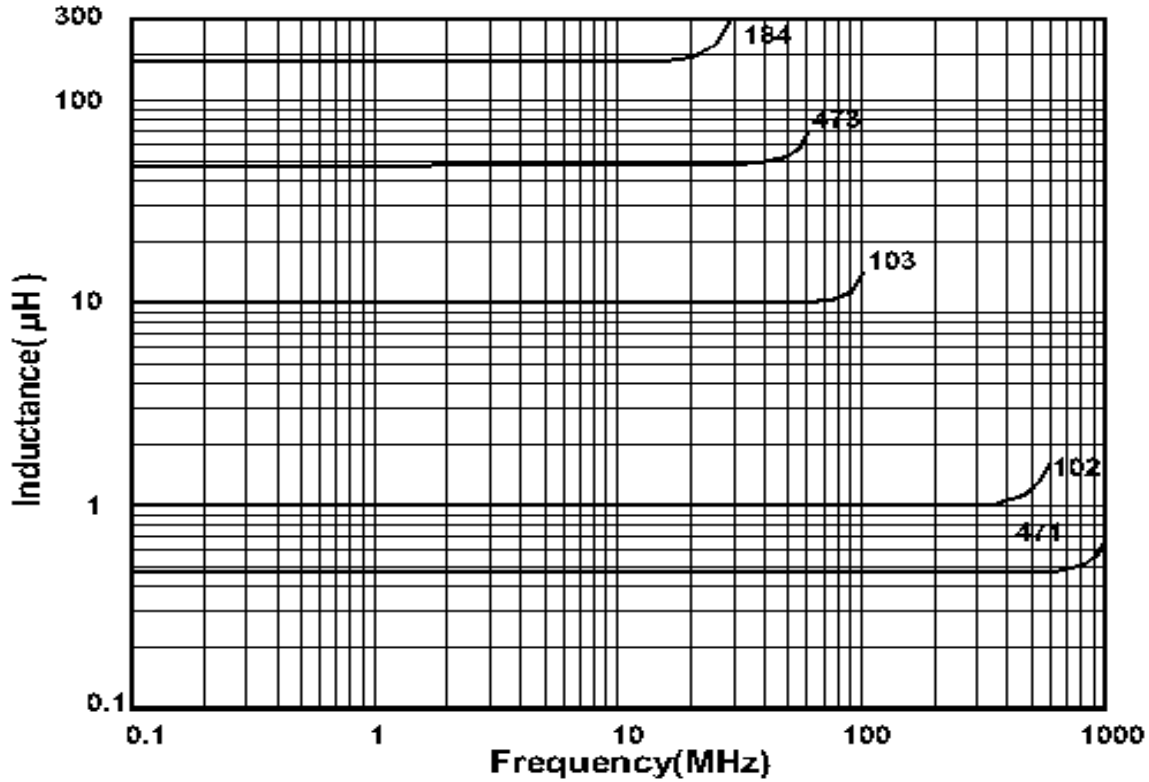
Parts/Reel: 7" 1,000 pcs
Tape Width:8mm



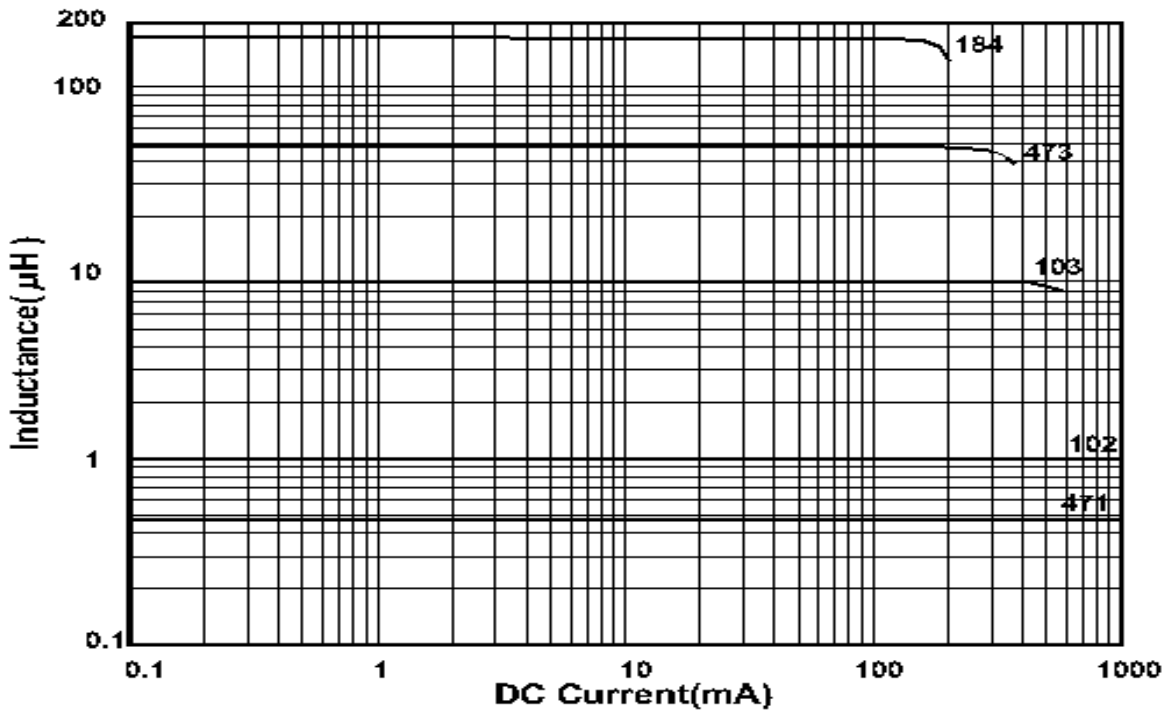
WIRE-WOUND CHIP INDUCTOR – FERRITE/OPEN TYPE

1210HS (322522) Ferrite Series (0.12~220 μ H)

TYPICAL L vs FREQUENCY



TYPICAL L vs DC CURRENT





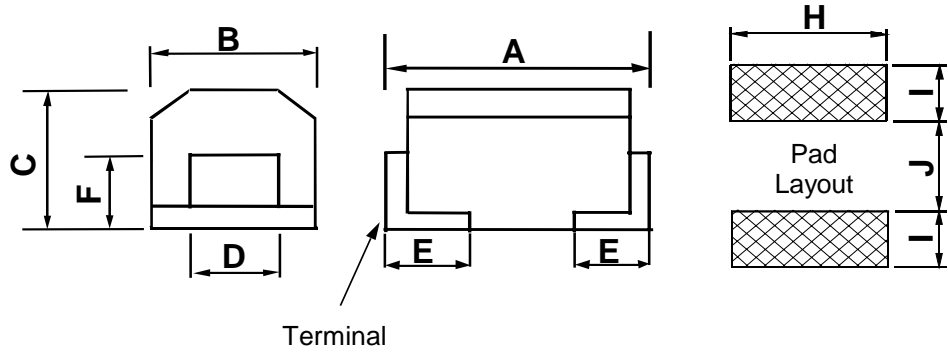
WIRE-WOUND CHIP INDUCTOR – FERRITE / MOLDING TYPE

1210MS (3225) Ferrite Series (0.12 ~ 220μH)

Part Number	Inductance μH	Percent Tolerance	Q Min	SRF Min MHz	R _{DC} Max Ohms	I _{DC} Max mA
1210MS-R12E_FS	0.12 @ 25.2MHz	20,10,5	30 @ 25.2MHz	500	0.22	450
1210MS-R15E_FS	0.15 @ 25.2MHz	20,10,5	30 @ 25.2MHz	450	0.25	450
1210MS-R18E_FS	0.18 @ 25.2MHz	20,10,5	30 @ 25.2MHz	400	0.28	450
1210MS-R22E_FS	0.22 @ 25.2MHz	20,10,5	30 @ 25.2MHz	350	0.32	450
1210MS-R27E_FS	0.27 @ 25.2MHz	20,10,5	30 @ 25.2MHz	320	0.36	450
1210MS-R33E_FS	0.33 @ 25.2MHz	20,10,5	30 @ 25.2MHz	300	0.40	450
1210MS-R39E_FS	0.39 @ 25.2MHz	20,10,5	30 @ 25.2MHz	250	0.45	450
1210MS-R47E_FS	0.47 @ 25.2MHz	20,10,5	30 @ 25.2MHz	220	0.50	450
1210MS-R56E_FS	0.56 @ 25.2MHz	20,10,5	30 @ 25.2MHz	180	0.55	450
1210MS-R68E_FS	0.68 @ 25.2MHz	20,10,5	30 @ 25.2MHz	160	0.60	450
1210MS-R82E_FS	0.82 @ 25.2MHz	20,10,5	30 @ 25.2MHz	140	0.65	450
1210MS-1R0E_FS	1.00 @ 7.96MHz	20,10,5	30 @ 7.96MHz	120	0.70	400
1210MS-1R2E_FS	1.20 @ 7.96MHz	20,10,5	30 @ 7.96MHz	100	0.75	390
1210MS-1R5E_FS	1.50 @ 7.96MHz	20,10,5	30 @ 7.96MHz	85	0.85	370
1210MS-1R8E_FS	1.80 @ 7.96MHz	20,10,5	30 @ 7.96MHz	80	0.90	350
1210MS-2R2E_FS	2.20 @ 7.96MHz	20,10,5	30 @ 7.96MHz	75	1.00	320
1210MS-2R7E_FS	2.70 @ 7.96MHz	20,10,5	30 @ 7.96MHz	70	1.10	290
1210MS-3R3E_FS	3.30 @ 7.96MHz	20,10,5	30 @ 7.96MHz	60	1.20	260
1210MS-3R9E_FS	3.90 @ 7.96MHz	20,10,5	30 @ 7.96MHz	55	1.30	250
1210MS-4R7E_FS	4.70 @ 7.96MHz	20,10,5	30 @ 7.96MHz	50	1.50	220
1210MS-5R6E_FS	5.60 @ 7.96MHz	20,10,5	30 @ 7.96MHz	47	1.60	200
1210MS-6R8E_FS	6.80 @ 7.96MHz	20,10,5	30 @ 7.96MHz	43	1.80	180
1210MS-8R2E_FS	8.20 @ 7.96MHz	20,10,5	30 @ 7.96MHz	40	2.00	170
1210MS-100E_FS	10.0 @ 2.52MHz	20,10,5	30 @ 2.52MHz	36	2.10	150
1210MS-120E_FS	12.0 @ 2.52MHz	20,10,5	30 @ 2.52MHz	33	2.50	140
1210MS-150E_FS	15.0 @ 2.52MHz	20,10,5	30 @ 2.52MHz	30	2.80	130
1210MS-180E_FS	18.0 @ 2.52MHz	20,10,5	30 @ 2.52MHz	27	3.30	120
1210MS-220E_FS	22.0 @ 2.52MHz	20,10,5	30 @ 2.52MHz	25	3.70	110
1210MS-270E_FS	27.0 @ 2.52MHz	20,10,5	30 @ 2.52MHz	20	5.00	80
1210MS-330E_FS	33.0 @ 2.52MHz	20,10,5	30 @ 2.52MHz	17	5.60	70
1210MS-390E_FS	39.0 @ 2.52MHz	20,10,5	30 @ 2.52MHz	16	6.40	65
1210MS-470E_FS	47.0 @ 2.52MHz	20,10,5	30 @ 2.52MHz	15	7.00	60
1210MS-560E_FS	56.0 @ 2.52MHz	20,10,5	30 @ 2.52MHz	13	8.00	55
1210MS-680E_FS	68.0 @ 2.52MHz	20,10,5	30 @ 2.52MHz	12	9.00	50
1210MS-820E_FS	82.0 @ 2.52MHz	20,10,5	30 @ 2.52MHz	11	10.0	45
1210MS-101E_FS	100.0 @ 0.796MHz	20,10,5	20 @ 0.796MHz	10	10.0	40
1210MS-121E_FS	120.0 @ 0.796MHz	20,10,5	20 @ 0.796MHz	10	11.0	70
1210MS-151E_FS	150.0 @ 0.796MHz	20,10,5	20 @ 0.796MHz	8	15.0	65
1210MS-181E_FS	180.0 @ 0.796MHz	20,10,5	20 @ 0.796MHz	7	17.0	60
1210MS-221E_FS	220.0 @ 0.796MHz	20,10,5	20 @ 0.796MHz	7	21.0	50

Working Temperature : -20 °C ~ 85 °C

Shape & Dimension



	A	B	C	D	E	F	H	I	J
Inch	0.125±0.01	0.098±0.01	0.087±0.01	0.055±0.008	0.023±0.008	0.055±0.01	0.098	0.04	0.078
mm	3.2±0.3	2.5±0.3	2.2±0.3	1.4±0.2	0.6±0.2	1.4±0.2	2.50	1.02	2.00

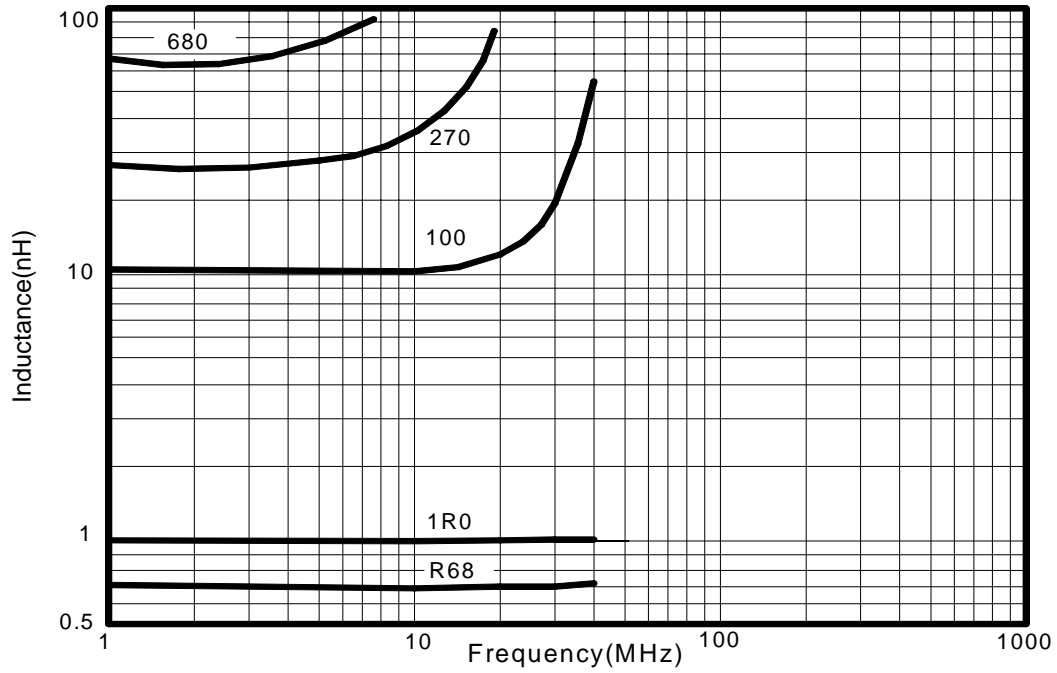
Parts/Reel: 7" 1,000 PCS
 Tape Width:8mm



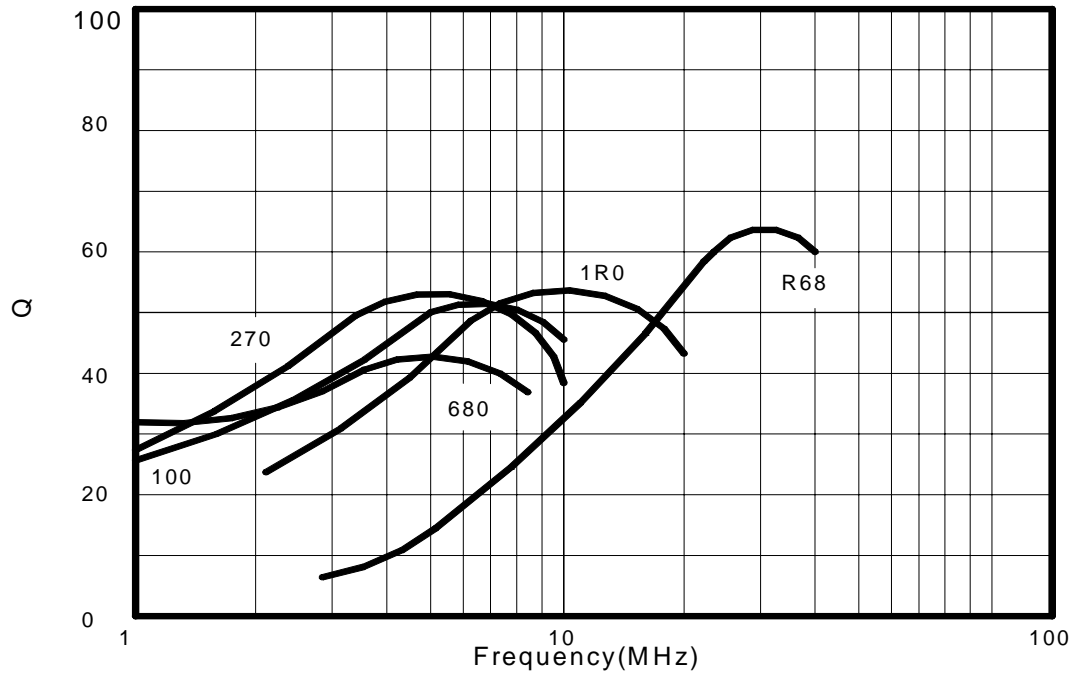
WIRE-WOUND CHIP INDUCTOR – FERRITE / MOLDING TYPE

1210MS (3225) Ferrite Series Typical Electrical Characteristics

TYPICAL L vs FREQUENCY



TYPICAL Q vs FREQUENCY





WIRE-WOUND CHIP INDUCTOR – FERRITE / MOLDING TYPE

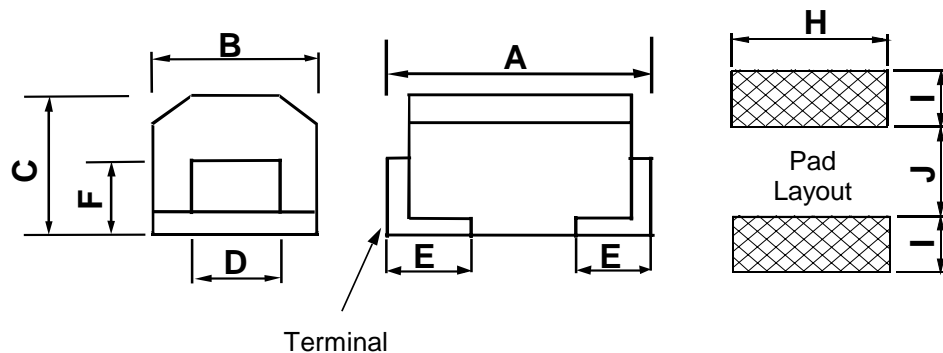
1812MS (4532) Ferrite Series (0.10 ~ 1000μH)

Part Number	Inductance μH	Percent Tolerance	Q Min	SRF Min MHz	R _{DC} Max Ohms	I _{DC} Max mA
1812MS-R10E_FS	0.10 @ 25.2MHz	20,10	35 @ 25.2MHz	300	0.18	800
1812MS-R12E_FS	0.12 @ 25.2MHz	20,10	35 @ 25.2MHz	280	0.20	770
1812MS-R15E_FS	0.15 @ 25.2MHz	20,10	35 @ 25.2MHz	250	0.22	730
1812MS-R18E_FS	0.18 @ 25.2MHz	20,10	35 @ 25.2MHz	220	0.24	700
1812MS-R22E_FS	0.22 @ 25.2MHz	20,10	40 @ 25.2MHz	200	0.25	665
1812MS-R27E_FS	0.27 @ 25.2MHz	20,10	40 @ 25.2MHz	180	0.26	635
1812MS-R33E_FS	0.33 @ 25.2MHz	20,10	40 @ 25.2MHz	165	0.28	605
1812MS-R39E_FS	0.39 @ 25.2MHz	20,10	40 @ 25.2MHz	150	0.30	575
1812MS-R47E_FS	0.47 @ 25.2MHz	20,10	40 @ 25.2MHz	145	0.32	545
1812MS-R56E_FS	0.56 @ 25.2MHz	20,10	40 @ 25.2MHz	140	0.36	520
1812MS-R68E_FS	0.68 @ 25.2MHz	20,10	40 @ 25.2MHz	135	0.40	500
1812MS-R82E_FS	0.82 @ 25.2MHz	20,10	40 @ 25.2MHz	130	0.45	475
1812MS-1R0E_FS	1.00 @ 7.96MHz	20,10,5	50 @ 7.96MHz	100	0.50	450
1812MS-1R2E_FS	1.20 @ 7.96MHz	20,10,5	50 @ 7.96MHz	80	0.55	430
1812MS-1R5E_FS	1.50 @ 7.96MHz	20,10,5	50 @ 7.96MHz	70	0.60	410
1812MS-1R8E_FS	1.80 @ 7.96MHz	20,10,5	50 @ 7.96MHz	60	0.65	390
1812MS-2R2E_FS	2.20 @ 7.96MHz	20,10,5	50 @ 7.96MHz	55	0.70	380
1812MS-2R7E_FS	2.70 @ 7.96MHz	20,10,5	50 @ 7.96MHz	50	0.75	370
1812MS-3R3E_FS	3.30 @ 7.96MHz	20,10,5	50 @ 7.96MHz	45	0.80	355
1812MS-3R9E_FS	3.90 @ 7.96MHz	20,10,5	50 @ 7.96MHz	40	0.90	330
1812MS-4R7E_FS	4.70 @ 7.96MHz	20,10,5	50 @ 7.96MHz	35	1.00	315
1812MS-5R6E_FS	5.60 @ 7.96MHz	20,10,5	50 @ 7.96MHz	33	1.10	300
1812MS-6R8E_FS	6.80 @ 7.96MHz	20,10,5	50 @ 7.96MHz	27	1.20	285
1812MS-8R2E_FS	8.20 @ 7.96MHz	20,10,5	50 @ 7.96MHz	25	1.40	270
1812MS-100E_FS	10.0 @ 2.52MHz	20,10,5	50 @ 2.52MHz	20	1.60	250
1812MS-120E_FS	12.0 @ 2.52MHz	20,10,5	50 @ 2.52MHz	18	2.00	225
1812MS-150E_FS	15.0 @ 2.52MHz	20,10,5	50 @ 2.52MHz	17	2.50	200
1812MS-180E_FS	18.0 @ 2.52MHz	20,10,5	50 @ 2.52MHz	15	2.80	190
1812MS-220E_FS	22.0 @ 2.52MHz	20,10,5	50 @ 2.52MHz	13	3.20	180
1812MS-270E_FS	27.0 @ 2.52MHz	20,10,5	50 @ 2.52MHz	13	3.60	170
1812MS-330E_FS	33.0 @ 2.52MHz	20,10,5	50 @ 2.52MHz	11	4.00	160
1812MS-390E_FS	39.0 @ 2.52MHz	20,10,5	50 @ 2.52MHz	10	4.50	150
1812MS-470E_FS	47.0 @ 2.52MHz	20,10,5	50 @ 2.52MHz	10	5.00	140
1812MS-560E_FS	56.0 @ 2.52MHz	20,10,5	50 @ 2.52MHz	9	5.50	135
1812MS-680E_FS	68.0 @ 2.52MHz	20,10,5	50 @ 2.52MHz	9	6.00	130
1812MS-820E_FS	82.0 @ 2.52MHz	20,10,5	50 @ 2.52MHz	8	7.00	120

Part Number	Inductance μH	Percent Tolerance	Q Min	SRF Min MHz	R _{DC} Max Ohms	I _{DC} Max mA
1812MS- 101E_FS	100 @ 0.796MHz	20,10,5	40 @ 0.796MHz	8.0	8.00	110
1812MS- 121E_FS	120 @ 0.796MHz	20,10,5	40 @ 0.796MHz	6.0	8.00	110
1812MS- 151E_FS	150 @ 0.796MHz	20,10,5	40 @ 0.796MHz	5.0	9.00	105
1812MS- 181E_FS	180 @ 0.796MHz	20,10,5	40 @ 0.796MHz	5.0	9.50	102
1812MS- 221E_FS	220 @ 0.796MHz	20,10,5	40 @ 0.796MHz	4.0	10.0	100
1812MS- 271E_FS	270 @ 0.796MHz	20,10,5	40 @ 0.796MHz	4.0	12.0	92
1812MS- 331E_FS	330 @ 0.796MHz	20,10,5	40 @ 0.796MHz	3.5	14.0	85
1812MS- 391E_FS	390 @ 0.796MHz	20,10,5	40 @ 0.796MHz	3.0	18.0	80
1812MS- 471E_FS	470 @ 0.796MHz	20,10,5	40 @ 0.796MHz	3.0	26.0	62
1812MS- 561E_FS	560 @ 0.796MHz	20,10,5	40 @ 0.796MHz	3.0	30.0	50
1812MS- 681E_FS	680 @ 0.796MHz	20,10,5	30 @ 0.796MHz	3.0	30.0	50
1812MS- 821E_FS	820 @ 0.796MHz	20,10,5	30 @ 0.796MHz	2.5	35.0	30
1812MS- 102E_FS	1000 @ 0.252MHz	20,10,5	20 @ 0.252MHz	2.5	40.0	30

Working Temperature : -20 °C ~ 85 °C

Shape & Dimension



	A	B	C	D	E	F	H	I	J
Inch	0.177±0.01	0.126±0.01	0.126±0.01	0.055±0.008	0.039±0.008	0.055±0.01	0.126	0.059	0.118
mm	4.5±0.3	3.2±0.3	3.2±0.3	1.4±0.2	1.0±0.2	1.4±0.2	3.2	1.5	3.00

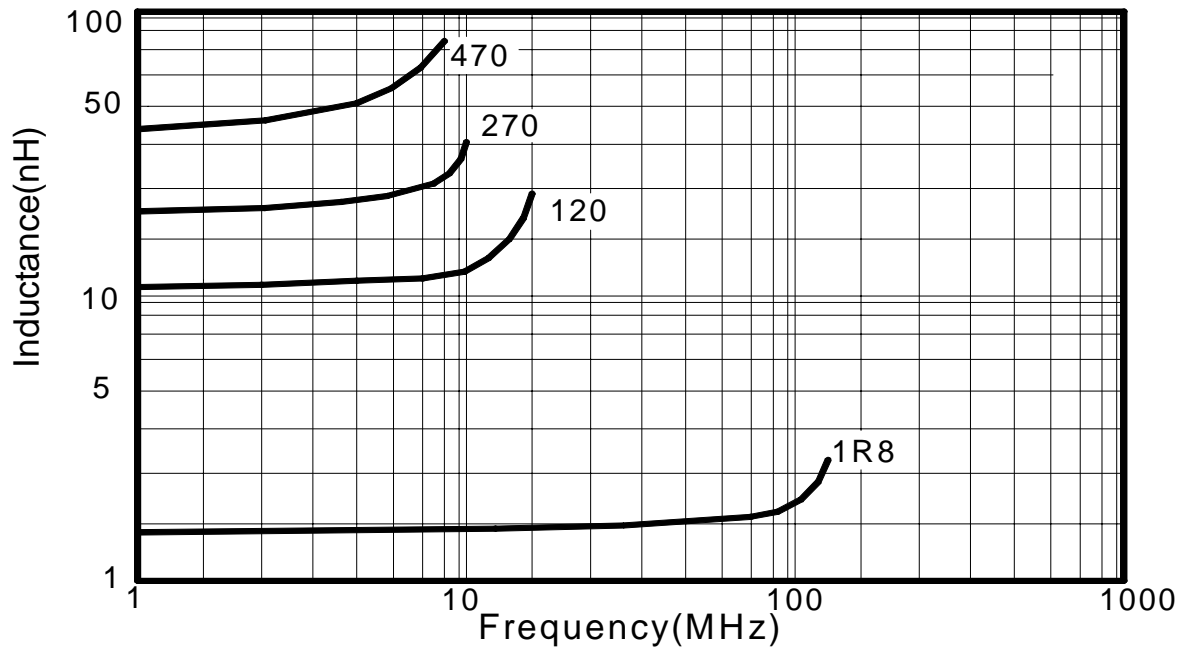
Parts/Reel: 7" 500 PCS
Tape Width: 12mm



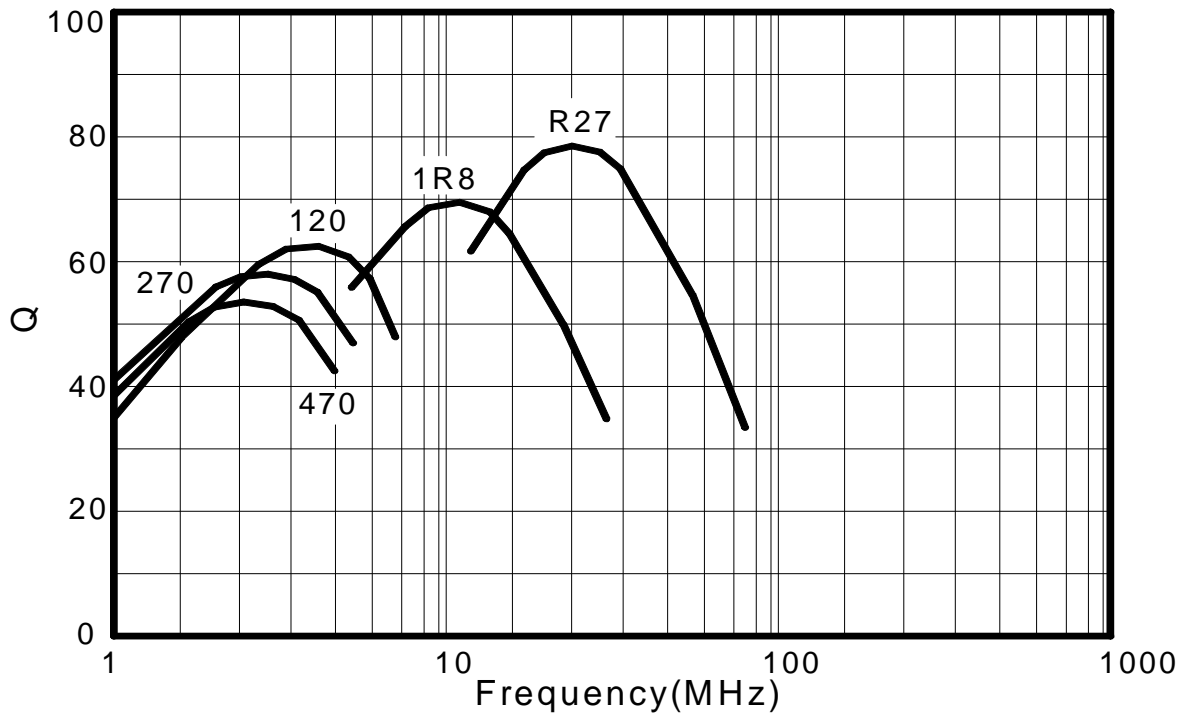
WIRE-WOUND CHIP INDUCTOR – FERRITE / MOLDING TYPE

1812MS (4532) Ferrite Series Typical Electrical Characteristics

TYPICAL L vs FREQUENCY



TYPICAL Q vs FREQUENCY





WIRE-WOUND CHIP INDUCTOR – FERRITE
MECHANICAL & ENVIRONMENTAL CHARACTERISTICS
0805CS; 1008CS/CC; 1210MS; 1812MS

RELIABILITY TEST

TEST ITEMS	SPECIFICATIONS	TEST CONDITIONS / TEST METHODS
*ELECTRICAL PERFORMANCE TEST		
INDUCTANCE	REF.ER TO STANDARD ELECTRICAL CHARACTERISTIC LIST	0.12μH~82μH LCR METER HP 4291B 100μH~1000μH LCR METER HP 4294A
Q		0.12μH~82μH LCR METER HP 4291B 100μH~1000μH LCR METER HP 4294A
SRF		HP 4291B
DC RESISTANCE R _{DC}		Micro-Ohmmeter (GOM-801G)
RATED CURRENT IDC		APPLIED THE CURRENT TO COILS, THE INDUCTANCE CHANGE SHOULD BE LESS THAN 10% TO INITIAL VALUE
OVER LOAD TEST	AFTER TEST, INDUCTORS SHALL BE NO EVIDENCE OF ELECTRICAL AND MECHANICAL DAMAGE	APPLIED 2 TIMES OF RATED ALLOWED DC CURRENT TO INDUCTOR FOR A PERIOD OF 5 MINUTE
*MECHANICAL PERFORMANCE TEST		
RESISTANCE TO SOLDERING TEST	1.INDUCTORS SHOULD HAVE NO EVIDENCE OF ELECTRICAL AND MECHANICAL DAMAGE 2.INDUCTANCE SHOULD NOT CHANGE MORE THAN ± 10% 3.Q SHOULD NOT CHANGE MORE THAN ± 20%	INDUCTORS SHOULD BE REF.LOW TO A .P.C BOARD. USING 63Sn/37Pb SOLDER PASTE.SOLDER PROCESS SHOULD BE 230°C FOR 20±2 SECONDS AND 260°C FOR 5±2 SECONDS.
COMPONENT ADHESIONN (PUSH TEST)	1 lbs. FOR 1210MS,1812MS 2 lbs. FOR FERRITE 0805 4 lbs. FOR FERRITE 1008	THE DEVICE SHOULD BE REF.LOW SOLDERED (232°C± 5°C FOR 10 SECONDS) TO A TINNED COPPER SUBSTRATE. A DYNOMETER FORCE GAUGE SHOULD BE APPLIED TO THE SIDE OF THE COMPONENT. THE DEVICE MUST WITHSTAND A MINIMUM FORCE OF 2 OR 4 POUNDS WITHOUT A FAILURE OF THE TERMINATION ATTACHED TO COMPONENT.
DROP TEST	AFTER TEST ,THE CHIP INDUCTOR DON'T FELL OR BROKE ON THE P.C BOARD.	DROP 1 TIME FOR EACH FACE AND 1 TIME FOR EACH CORNER.TOTAL DROP 10 TIMES. DROP HEIGHT :100 CM DROP WEIGHT :125 g
SOLDERABILITY TEST	THE TERMINAL SHOULD AT LEAST BE 90% COVERED WITH SOLDER	AFTER FLUXING(ALPHA 100 OR EQUIV), INDUCTOR SHALL BE DIPPED IN A MELTED SOLDER BATH AT 232 ±5°C FOR 5 SECONDS.
RESISTANCE TO SOLVENT TEST	THERE SHALL BE NO CASE OF DEFORMATION CHANGE IN APPEARANCE OR OBLITERATION OF MARKING.	MIL-STD202F, METHOD 215D

DELTA ELECTRONICS, INC.

(TAOYUAN PLANT CPBG) NO. 252, San-Ying Road, Kuei San Industrial Zone, Taoyuan Shien 333, TAIWAN, R.O.C.

TEL: 886-3-3591968 ; FAX: 886-3-3591991

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WIRE-WOUND CHIP INDUCTOR – FERRITE
MECHANICAL & ENVIRONMENTAL CHARACTERISTICS
0805CS; 1008CS/CC; 1210MS; 1812MS

*CLIMATIC TEST		
TEMPERATURE CHARACTERISTIC	1.INDUCTORSSHAL HAVE NO EVIDENCE OF ELECTRICAL AND MECHANICAL DAMAGE 2..INDUCTANCE SHALL NOT CHANGE MORE THAN $\pm 10\%$ 3. SHALL NOT CHANGE MORE THAN $\pm 20\%$	-40°C ~ +85°C
HUMIDITY TEST		1. TEMP : 40 $\pm 2^\circ\text{C}$ 2. R.H.: 90 – 95% 3. TIME: 96 ± 2 HOURS
LOW TEMPERATURE STORAGE TEST		1. TEMP: -40 $\pm 2^\circ\text{C}$ 2. TIME: 48 ± 2 HOURS 3.INDUCTORS ARE TO BE TESTED AFTER 1HOUR AT ROOM TEMPERATURE.
THERMAL SHOCK TEST		<p>TOTAL : 5 CYCLES</p>
HIGH TEMPERATURE STORAGE TEST		1. TEMP : 85 $\pm 2^\circ\text{C}$ 2. TIME : 48 ± 2 HOURS 3.INDUCTORS ARE TO BE TESTED AFTER 1HOUR AT ROOM TEMPERATURE.
HIGH TEMPERATURE LOAD LIFE TEST		1. TEMP : 85 $\pm 2^\circ\text{C}$ 2. TIME : 1000 ± 12 HOURS 3. LOAD : ALLOWED DC CURRENT
LOW TEMPERATURE LOAD LIFE TEST		1. TEMP : -40 $\pm 2^\circ\text{C}$ 2. TIME : 1000 ± 12 HOURS 3. LOAD : ALLOWED DC CURRENT
NOTE : UNLESS OTHERWISE SPECIFIED , ALLOW THE SPECIMEN TO STAND AT ROOM TEMPERATURE FOR 1 HOUR OR MORE BUT NOT MORE THAN 2 HOURS, MEASURE THE ELECTRICAL AND MECHANICAL PERFORMANCES.		

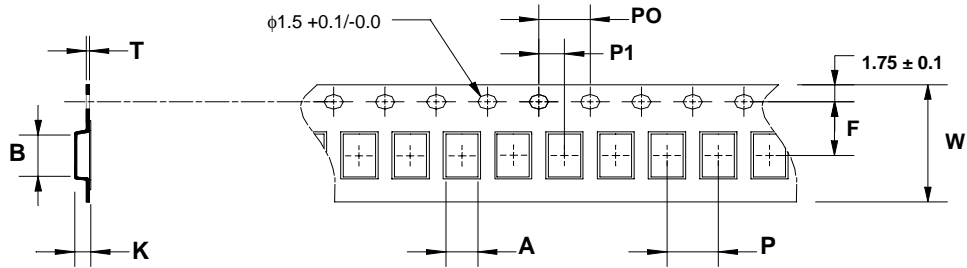
DELTA ELECTRONICS, INC.

(TAOYUAN PLANT CPBG) NO. 252, San-Ying Road, Kuei San Industrial Zone, Taoyuan Shien 333, TAIWAN, R.O.C.

TEL: 886-3-3591968 ; FAX: 886-3-3591991

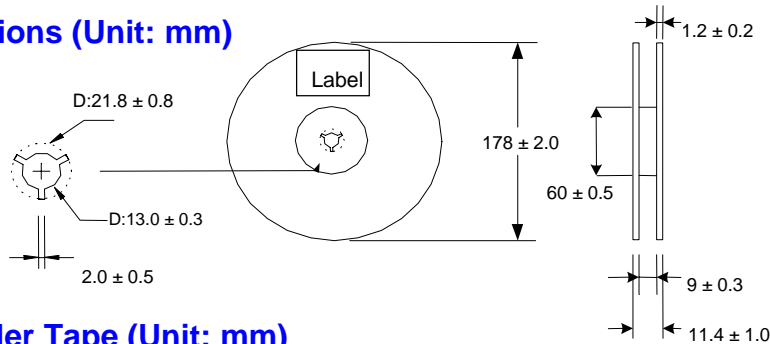
www.deltaww.com

Tape Dimensions (Unit:mm)

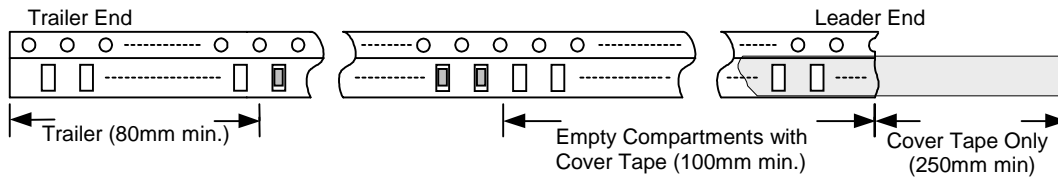


		Tape Dimensions (mm)									Parts (pcs)
		A	B	K	T	F	P	P0	P1	W	7"
Ceramic	1008CS	2.70	2.80	2.00	0.23	3.5	4	4	2	8	2000
	0805CS	1.85	2.30	1.45	0.23	3.5	4	4	2	8	2000
	0603CS	1.12	1.85	0.96	0.23	3.5	4	4	2	8	4000
	0402HS	0.71	1.16	0.65	0.23	3.5	2	4	0	8	4000
	1008CT	2.70	2.80	1.50	0.23	3.5	4	4	2	8	2000
	0805CT	1.80	2.30	0.90	0.23	3.5	4	4	2	8	2000
	1008CQ	2.70	2.80	2.00	0.23	3.5	4	4	2	8	2000
	0805CQ	1.85	2.30	1.45	0.23	3.5	4	4	2	8	2000
Ferrite	0603CC	1.12	1.85	0.96	0.23	3.5	4	4	2	8	4000
	1812MS	4.90	3.61	3.51	0.23	5.5	8	4	2	12	500
	1210MS	3.71	2.84	2.57	0.23	3.5	4	4	2	8	1000
	1210CS	3.71	2.80	2.50	0.23	3.5	4	4	2	8	1000
	1210HS	3.71	2.80	2.50	0.23	3.5	4	4	2	8	1000
	1008CS	2.70	2.80	2.33	0.23	3.5	4	4	2	8	2000
	1008HS	2.70	2.80	2.00	0.23	3.5	4	4	2	8	2000
	0805CS	1.85	2.30	1.45	0.23	3.5	4	4	2	8	2000

Reel Dimensions (Unit: mm)



Leader / Trailer Tape (Unit: mm)



Peel-off Force

Peel-off force should be in the range of 0.1~0.6N at a peel-off speed of 300±10 mm/min

