



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	20 @ 2.52MHz	27	3.50	155
1008CS-123E_FS	12.0 @ 2.52MHz	10,5	20 @ 2.52MHz	23	3.80	150
1008CS-153E_FS	15.0 @ 2.52MHz	10,5	20 @ 2.52MHz	20	4.40	140
1008CS-183E_FS	18.0 @ 2.52MHz	10,5	20 @ 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	14	12.1	75
1008CS-683E_FS	68.0 @ 2.52MHz	10,5	20 @ 2.52MHz	10	16.6	70
1008CS-823E_FS	82.0 @ 2.52MHz	10,5	20 @ 2.52MHz	8	19.0	66
1008CS-104E_FS	100.0 @ 0.796MHz	10,5	15 @ 0.796MHz	5	21.0	60

Working Temperature : -20 °C ~ 80 °C

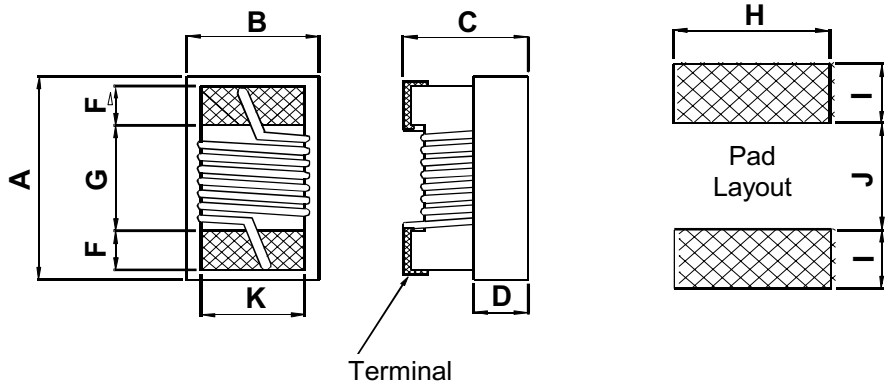
DELTA ELECTRONICS, INC.

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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

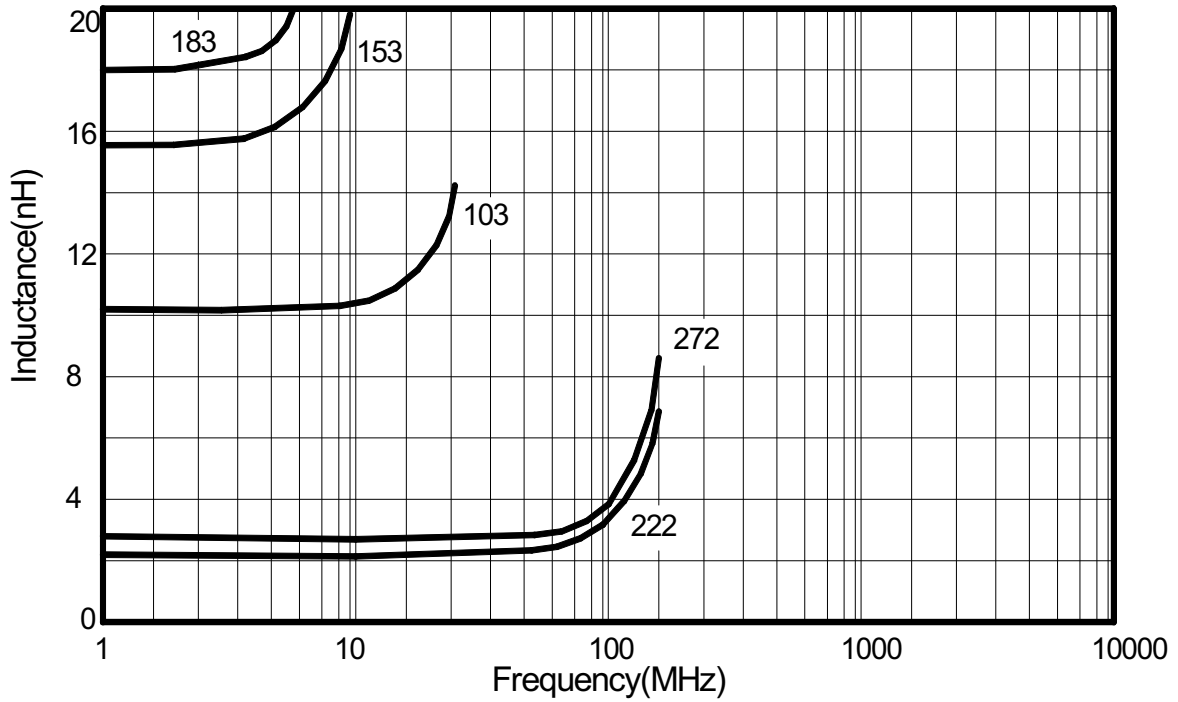
Parts/Reel: 7" 2,000
Tape Width: 8mm



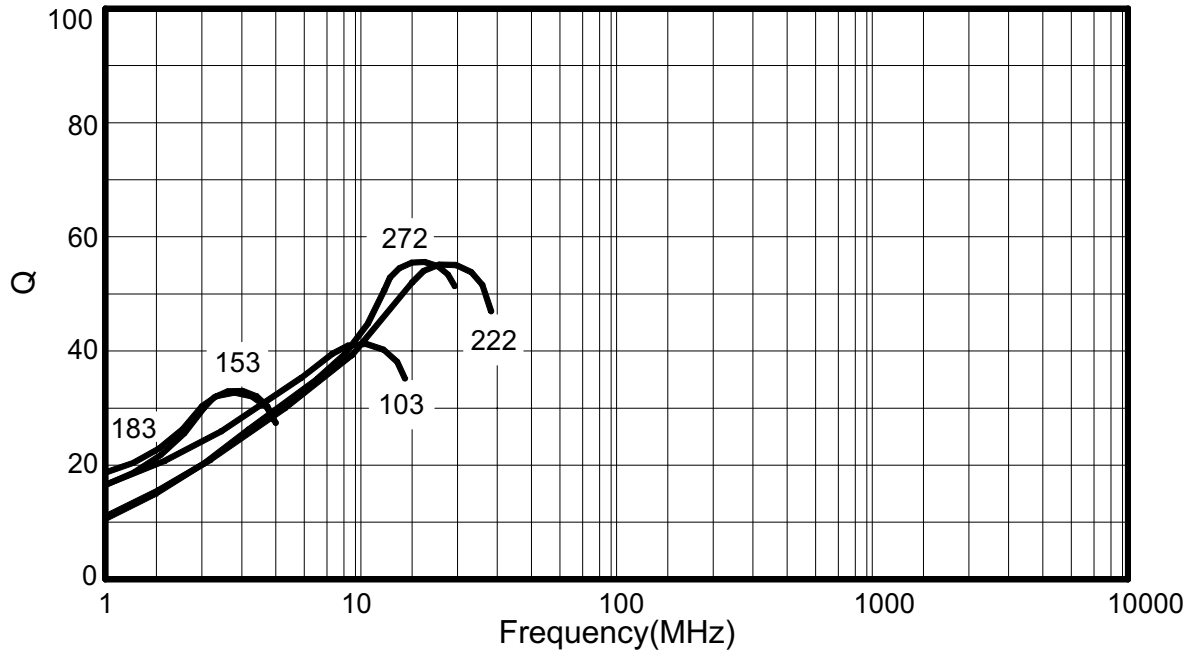
WIRE-WOUND CHIP INDUCTOR – FERRITE / OPEN TYPE

1008CS (2520) Ferrite Series Typical Electrical Characteristics

TYPICAL L vs FREQUENCY



TYPICAL Q vs FREQUENCY



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