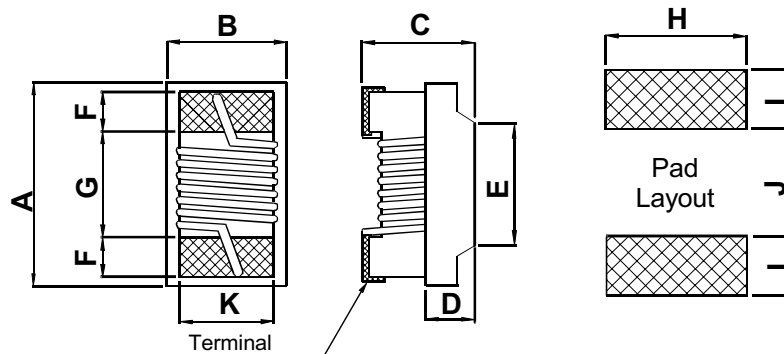


Part Number	Inductance nH	Percent Tolerance	Q Min	SRF Min MHz	R <sub>DC</sub> Max Ohms	I <sub>DC</sub> Max mA
*1008CQ-3N0E_PS	3.0 @ 50MHz	10,5	70 @ 1500MHz	6000	0.04	1600
1008CQ-4N1E_PS	4.1 @ 50MHz	10,5	75 @ 1500MHz	6000	0.05	1600
*1008CQ-7N8E_PS	7.8 @ 50MHz	10,5	75 @ 500MHz	3800	0.05	1600
1008CQ-100E_PS	10.0 @ 50MHz	10,5,2	60 @ 500MHz	3600	0.06	1600
1008CQ-120E_PS	12.0 @ 50MHz	10,5,2	70 @ 500MHz	2800	0.06	1500
1008CQ-180E_PS	18.0 @ 50MHz	10,5,2	62 @ 350MHz	2700	0.07	1400
1008CQ-220E_PS	22.0 @ 50MHz	10,5,2	62 @ 350MHz	2050	0.07	1400
1008CQ-330E_PS	33.0 @ 50MHz	10,5,2	75 @ 350MHz	1700	0.09	1300
1008CQ-390E_PS	39.0 @ 50MHz	10,5,2	75 @ 350MHz	1300	0.09	1300
1008CQ-470E_PS	47.0 @ 50MHz	10,5,2	75 @ 350MHz	1450	0.12	1200
1008CQ-560E_PS	56.0 @ 50MHz	10,5,2	75 @ 350MHz	1230	0.12	1200
1008CQ-680E_PS	68.0 @ 50MHz	10,5,2	80 @ 350MHz	1150	0.13	1100
1008CQ-820E_PS	82.0 @ 50MHz	10,5,2	80 @ 350MHz	1060	0.16	1100
1008CQ-101E_PS	100.0 @ 50MHz	10,5,2	62 @ 350MHz	820	0.16	1000

Working Temperature : -40 °C ~ 125 °C

### Shape & Dimension



Terminal wraparound:  
Approx. 0.018/0.45 both ends

	A		B		C		D Ref.	E Ref.	F	G	H	I	J	K
	Max.	Ref.	Max.	Ref.	Max.	Ref.								
Inch	0.115	0.103	0.110	0.095	0.080	0.072	0.025	0.065	0.020	0.060	0.100	0.040	0.050	0.080
mm	2.92	2.60	2.79	2.40	2.03	1.82	0.65	1.65	0.51	1.52	2.54	1.02	1.27	2.03

\*:Part is wound on a low profile bobbin.

Parts/Reel: 7" 2,000

Tape Width: 8mm

### DELTA ELECTRONICS, INC.

(TAOYUAN PLANT CPBG) 31-1, Shien Pan Road, Kuei San Industrial Zone, Taoyuan Shien 333, TAIWAN, R.O.C.

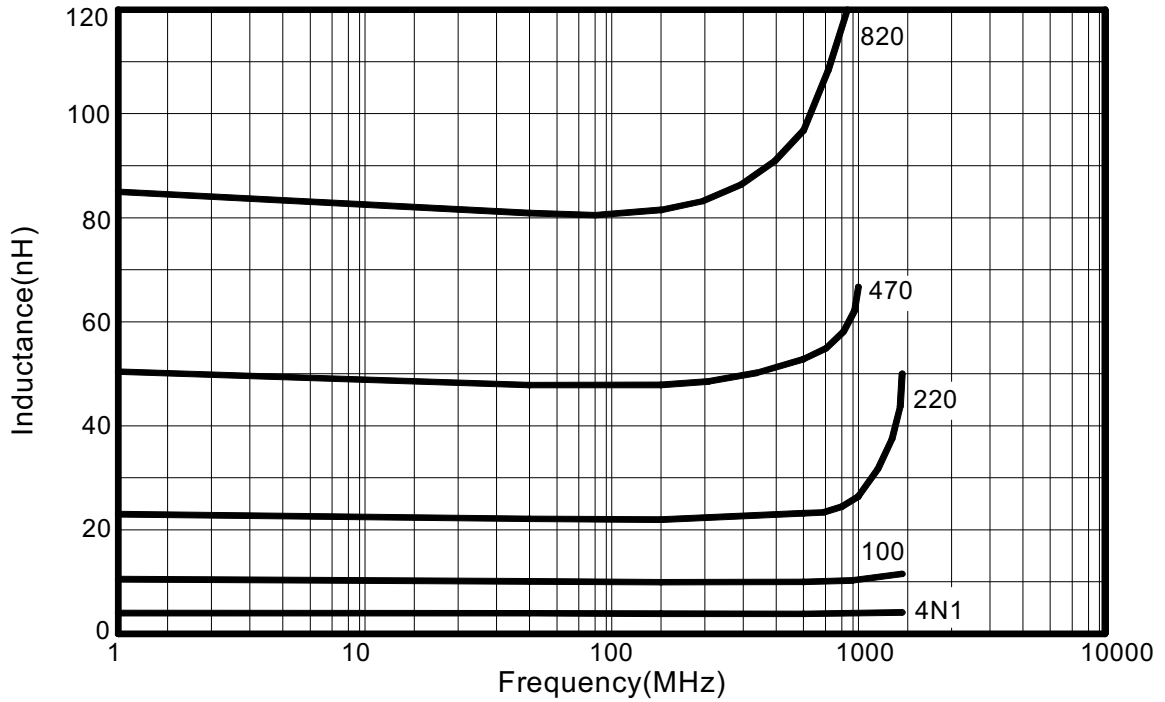
TEL: 886-3-3626301; FAX: 886-3-3618901. 3618909

www.deltaww.com

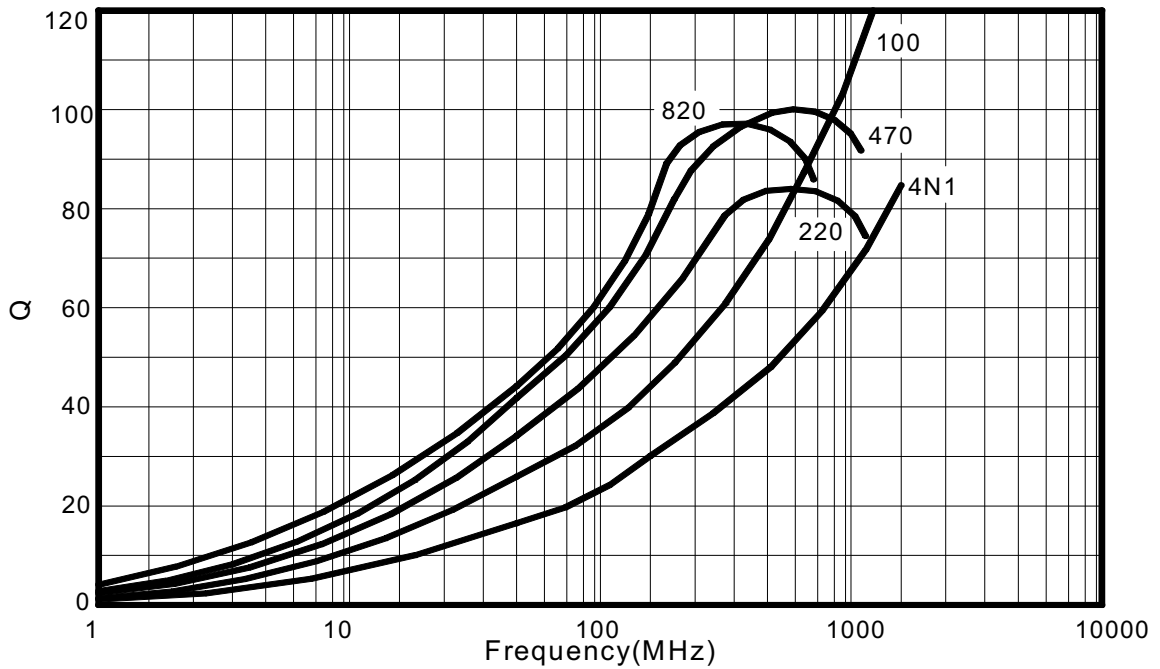


# WIRE-WOUND CHIP INDUCTOR – CERAMIC / High Q 1008CQ (2520) Series Typical Electrical Characteristics

### TYPICAL L vs FREQUENCY



### TYPICAL Q vs FREQUENCY



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