



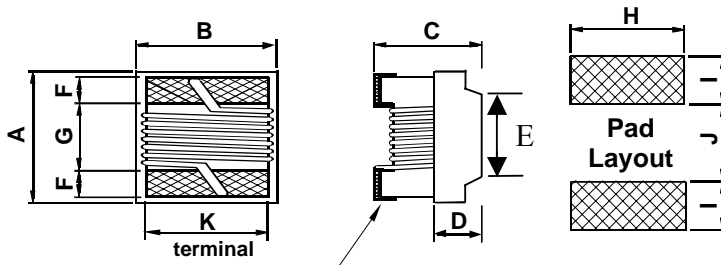
WIRE-WOUND CHIP INDUCTOR – CERAMIC / High Q

1008CQ (2520) Series (3.0 ~ 100nH)

Part Number	Inductance nH	Percent Tolerance	Q Min	SRF Min MHz	RDC Max Ohms	IDC Max mA
*1008CQ-3N0E_TS	3.0 @ 50MHz	10,5	70 @ 1500MHz	6000	0.04	1600
1008CQ-3N9E_TS	3.9 @ 50MHz	10,5	75 @ 1500MHz	6000	0.05	1600
1008CQ-4N1E_TS	4.1 @ 50MHz	10,5	75 @ 1500MHz	6000	0.05	1600
*1008CQ-7N8E_TS	7.8 @ 50MHz	10,5	75 @ 500MHz	3800	0.05	1600
1008CQ-100E_TS	10 @ 50MHz	10,5,2	60 @ 500MHz	3600	0.06	1600
1008CQ-120E_TS	12 @ 50MHz	10,5,2	70 @ 500MHz	2800	0.06	1500
1008CQ-180E_TS	18 @ 50MHz	10,5,2	62 @ 350MHz	2700	0.07	1400
1008CQ-220E_TS	22 @ 50MHz	10,5,2	62 @ 350MHz	2050	0.07	1400
1008CQ-330E_TS	33 @ 50MHz	10,5,2	75 @ 350MHz	1700	0.09	1300
1008CQ-390E_TS	39 @ 50MHz	10,5,2	75 @ 350MHz	1300	0.09	1300
1008CQ-470E_TS	47 @ 50MHz	10,5,2	75 @ 350MHz	1450	0.12	1200
1008CQ-560E_TS	56 @ 50MHz	10,5,2	75 @ 350MHz	1230	0.12	1200
1008CQ-680E_TS	68 @ 50MHz	10,5,2	80 @ 350MHz	1150	0.13	1100
1008CQ-820E_TS	82 @ 50MHz	10,5,2	80 @ 350MHz	1060	0.16	1100
1008CQ-101E_TS	100 @ 50MHz	10,5,2	62 @ 350MHz	820	0.16	1000

Working Temperature : -40 °C ~ 125 °C

Shape & Dimension



Terminal wraparound

	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 (MAX 2.92*2.79*1.40).

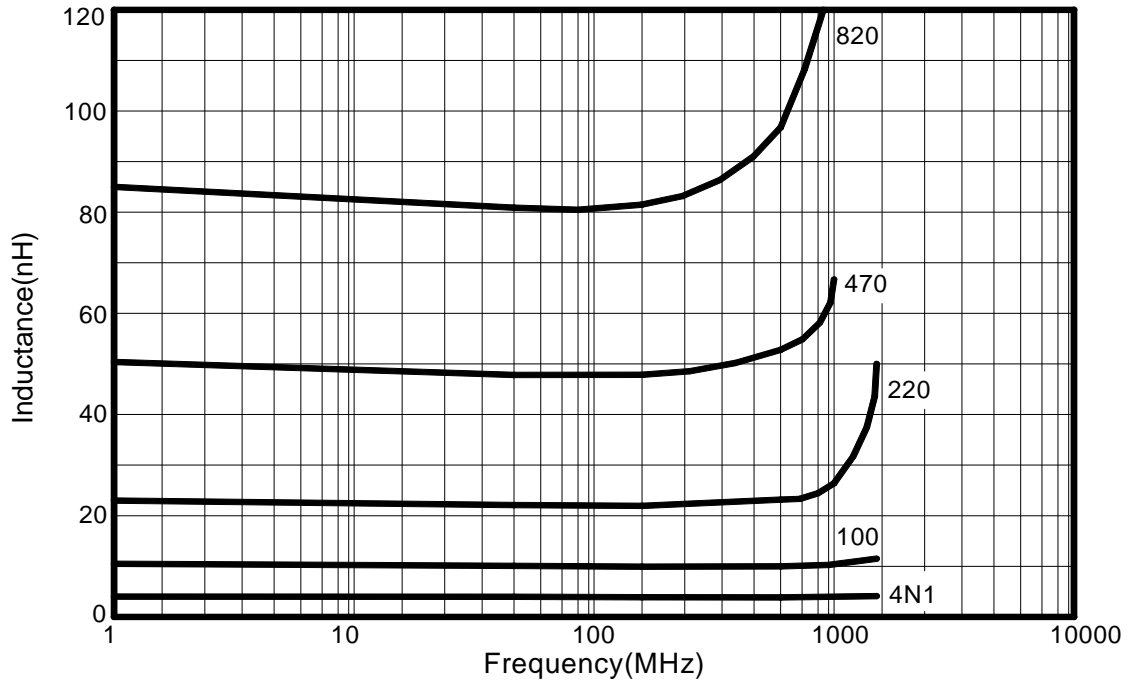
Parts/Reel: 7" 2,000PCS
Tape Width: 8mm



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1008CQ Series Typical Electrical Characteristics

TYPICAL L vs FREQUENCY



TYPICAL Q vs FREQUENCY

