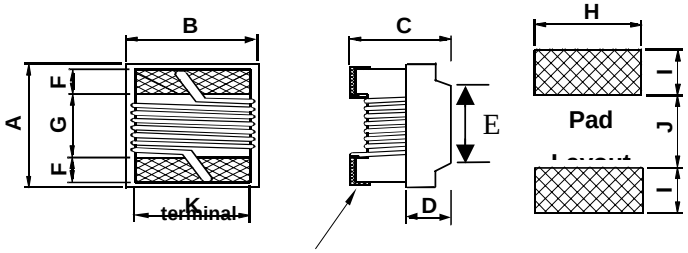
WIRE-WOUND CHIP INDUCTOR – CERAMIC/OPEN TYPE

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

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

Working Temperature : -40 °C ~ 125 °C

Shape & Dimension



Terminal wraparound:

approx. 0.015/0.38 both ends

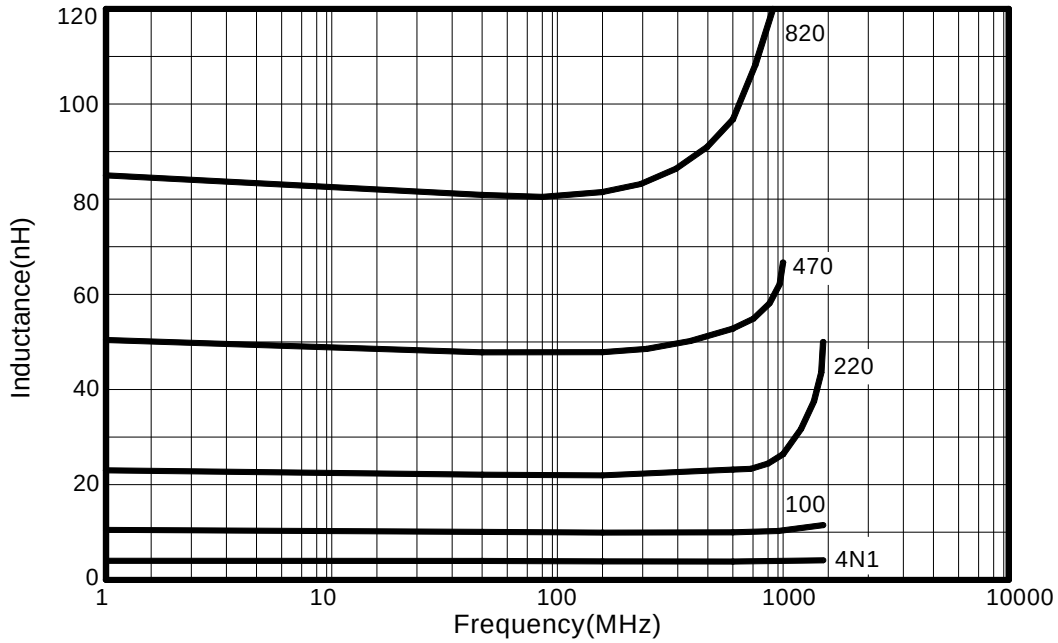
A		B		C		D Ref.	E Ref	K	F	G	H	I	J
Max.	Ref	Max.	Ref	Max.	Ref								
0.115	0.103	0.110	0.095	0.080	0.072	0.025	0.065	0.080	0.020	0.060	0.100	0.040	0.050
2.92	2.6	2.79	2.4	2.03	1.82	0.65	1.65	2.03	0.51	1.52	2.54	1.02	1.27

*Part is wound on a low profile (MAX 2.91*2.79*1.40).

Parts/Reel: 7” 2,000

Tape Width: 8mm

TYPICAL L vs FREQUENCY



TYPICAL Q vs FREQUENCY