



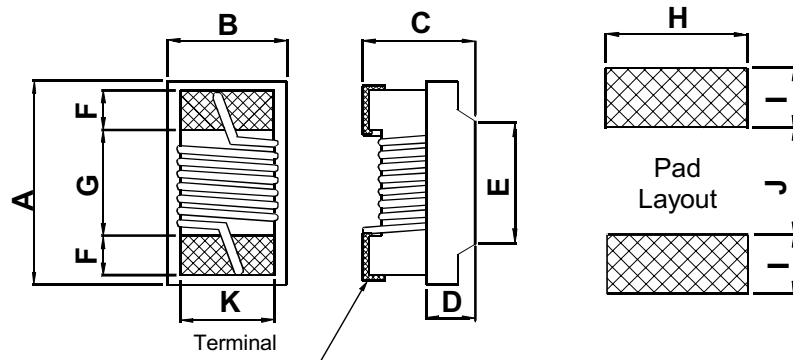
WIRE-WOUND CHIP INDUCTOR – CERAMIC / 0805 (2012)

0805CS Series (2.8 ~ 2700nH)

Part Number	Inductance nH	Percent Tolerance	Q Min	SRF Min MHz	R _{DC} Max Ohms	I _{DC} Max mA	Color Code
0805CS-2N8E_PS	2.8 @ 250MHz	10,5	80 @ 1500MHz	7900	0.06	800	Gray
0805CS-3N0E_PS	3.0 @ 250MHz	10,5	65 @ 1500MHz	7900	0.06	800	White
0805CS-3N3E_PS	3.3 @ 250MHz	10,5	50 @ 1500MHz	6000	0.08	600	Black
0805CS-5N6E_PS	5.6 @ 250MHz	10,5	65 @ 1000MHz	5500	0.08	600	Orange
0805CS-6N8E_PS	6.8 @ 250MHz	10,5	50 @ 1000MHz	5500	0.11	600	Brown
0805CS-7N5E_PS	7.5 @ 250MHz	10,5	50 @ 1000MHz	4500	0.14	600	Green
0805CS-8N2E_PS	8.2 @ 250MHz	10,5	50 @ 1000MHz	4700	0.12	600	Red
0805CS-100E_PS	10.0 @ 250MHz	10,5,2	60 @ 500MHz	4200	0.10	600	Blue
0805CS-120E_PS	12.0 @ 250MHz	10,5,2	50 @ 500MHz	4000	0.15	600	Orange
0805CS-150E_PS	15.0 @ 250MHz	10,5,2	50 @ 500MHz	3400	0.17	600	Yellow
0805CS-180E_PS	18.0 @ 250MHz	10,5,2	50 @ 500MHz	3300	0.20	600	Green
0805CS-220E_PS	22.0 @ 250MHz	10,5,2	55 @ 500MHz	2600	0.22	500	Blue
0805CS-240E_PS	24.0 @ 250MHz	10,5,2	50 @ 500MHz	2000	0.22	500	Gray
0805CS-270E_PS	27.0 @ 250MHz	10,5,2	55 @ 500MHz	2500	0.25	500	Violet
0805CS-330E_PS	33.0 @ 250MHz	10,5,2	60 @ 500MHz	2050	0.27	500	Gray
0805CS-360E_PS	36.0 @ 250MHz	10,5,2	55 @ 500MHz	1700	0.27	500	Orange
0805CS-390E_PS	39.0 @ 250MHz	10,5,2	60 @ 500MHz	2000	0.29	500	White
0805CS-430E_PS	43.0 @ 200MHz	10,5,2	60 @ 500MHz	1650	0.34	500	Yellow
0805CS-470E_PS	47.0 @ 200MHz	10,5,2	60 @ 500MHz	1650	0.31	500	Black
0805CS-560E_PS	56.0 @ 200MHz	10,5,2	60 @ 500MHz	1550	0.34	500	Brown
0805CS-680E_PS	68.0 @ 200MHz	10,5,2	60 @ 500MHz	1450	0.38	500	Red
0805CS-820E_PS	82.0 @ 150MHz	10,5,2	65 @ 500MHz	1300	0.42	400	Orange
0805CS-910E_PS	91.0 @ 150MHz	10,5,2	65 @ 500MHz	1200	0.48	400	Black
0805CS-101E_PS	100 @ 150MHz	10,5,2	65 @ 500MHz	1200	0.46	400	Yellow
0805CS-111E_PS	110 @ 150MHz	10,5,2	50 @ 250MHz	1000	0.48	400	Brown
0805CS-121E_PS	120 @ 150MHz	10,5,2	50 @ 250MHz	1100	0.51	400	Green
0805CS-151E_PS	150 @ 100MHz	10,5,2	50 @ 250MHz	920	0.56	400	Blue
0805CS-181E_PS	180 @ 100MHz	10,5,2	50 @ 250MHz	870	0.64	400	Violet
0805CS-221E_PS	220 @ 100MHz	10,5,2	50 @ 250MHz	850	0.70	400	Gray
0805CS-241E_PS	240 @ 100MHz	10,5,2	44 @ 250MHz	690	1.00	350	Red
0805CS-271E_PS	270 @ 100MHz	10,5,2	48 @ 250MHz	650	1.00	350	White
0805CS-331E_PS	330 @ 100MHz	10,5,2	48 @ 250MHz	600	1.40	310	Black
0805CS-391E_PS	390 @ 100MHz	10,5,2	48 @ 250MHz	560	1.50	290	Brown
0805CS-471E_PS	470 @ 50MHz	10,5,2	33 @ 100MHz	375	1.70	220	Red
0805CS-561E_PS	560 @ 25MHz	10,5,2	23 @ 50MHz	340	1.90	210	Orange
0805CS-621E_PS	620 @ 25MHz	10,5,2	23 @ 50MHz	220	2.20	210	Yellow
0805CS-681E_PS	680 @ 25MHz	10,5,2	23 @ 50MHz	200	2.20	190	Green
0805CS-751E_PS	750 @ 25MHz	10,5,2	23 @ 50MHz	200	2.30	180	Blue
0805CS-821E_PS	820 @ 25MHz	10,5,2	23 @ 50MHz	200	2.35	180	Violet
0805CS-102E_PS	1000 @ 25MHz	10,5,2	20 @ 50MHz	100	2.50	170	Gray
0805CS-122E_PS	1200 @ 7.9MHz	10,5,2	18 @ 25MHz	100	2.50	170	White
0805CS-152E_PS	1500 @ 7.9MHz	10,5,2	16 @ 25MHz	100	2.50	170	Black
0805CS-182E_PS	1800 @ 7.9MHz	10,5,2	16 @ 7.9MHz	80	2.50	170	Brown
0805CS-222E_PS	2200 @ 7.9MHz	10,5,2	16 @ 7.9MHz	60	2.70	160	Red
0805CS-272E_PS	2700 @ 7.9MHz	10,5,2	16 @ 7.9MHz	50	2.95	150	Orange

Working Temperature Range : -40 °C ~ 125 °C

Shape & Dimension



Terminal wraparound:
 Approx. 0.015/0.38 both ends

	A		B		C		D Ref.	E Ref.	F	G	H	I	J	K
	Max.	Ref.	Max.	Ref.	Max.	Ref.								
Inch	0.09	0.083	0.068	0.065	0.060	0.055	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	1.52	1.40	0.51	1.27	0.44	1.02	1.78	1.02	0.76	1.27

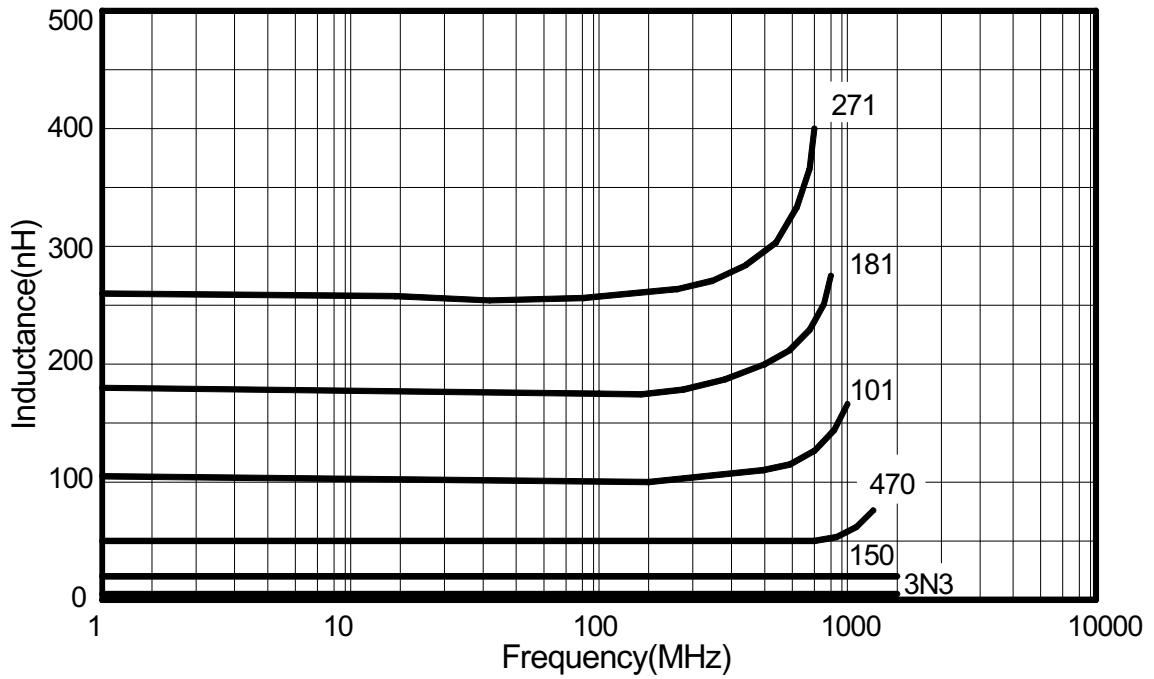
Parts/Reel: 7" 2,000 PCS
 Tape Width: 8mm



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0805CS Series Typical Electrical Characteristics

TYPICAL L vs FREQUENCY



TYPICAL Q vs FREQUENCY

