



WIRE-WOUND CHIP INDUCTOR – CERAMIC / 0402 (1005)

0402HP Series Part Numbering

Part Numbering (Example)

(Ex.) 0402 H P - 101 E J T S

SIZE

0402	1.0 * 0.5 mm
0603	1.6 * 0.8 mm
0805	2.0 * 1.2 mm
1008	2.5 * 2.0 mm
1206	3.2 * 1.6 mm
1210	3.2 * 2.5 mm

SHAPE

C : C SHAPE
H : H SHAPE

PROFILE

S: STANDARD
Q: HIGH Q
P: POWER

INDUCTANCE

- FIRST 2 DIGITS ARE SIGNIFICANT
- 3 DIGIT IS MULTIPLIER

PACK/ FEATURE

S =EIA RS481 CLEAR TAPE & REEL
/STANDARD TYPE.

TERMINAL TYPE/MATERIAL

T = Terminal / Ceramic Core
F = Ferrite Core (Substrate)

INDUCTANCE TOLERANCE

G=±2%, H=±3%, J=± 5%, K=±10%, M=±20%
B=±0.1nH. C=±0.2nH. D=±0.5nH

SHAPE

E = FLAT TOP

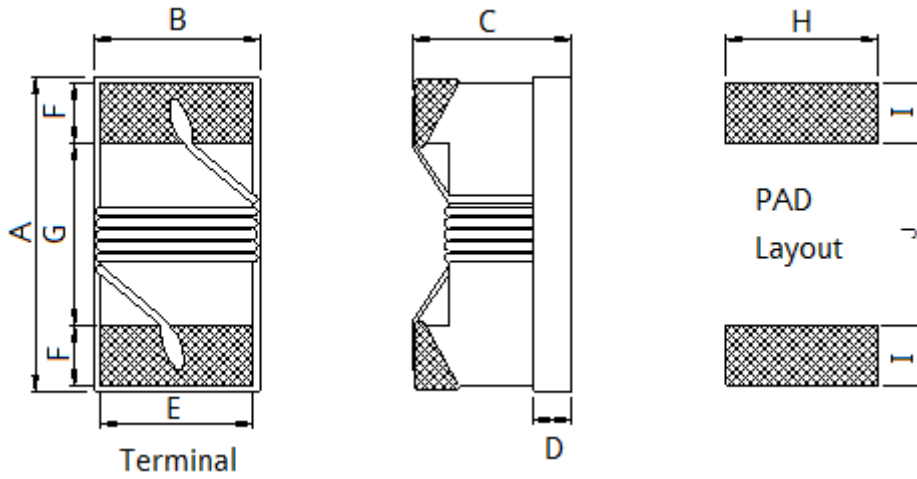


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0402HP Series (1.0 ~ 56nH)

Part Number	Inductance nH	Percent Tolerance	SRF Min GHz	R _{DC} Max Ohms	I _{DC} Max mA
0402HP-1N0E_TS	1.0 @ 250MHz	10,5,C,D	16.00	0.030	2300
0402HP-2N0E_TS	2.0 @ 250MHz	10,5,C,D	15.20	0.038	2100
0402HP-2N2E_TS	2.2 @ 250MHz	10,5,C,D	15.10	0.038	2100
0402HP-2N4E_TS	2.4 @ 250MHz	10,5,C,D	14.00	0.042	2000
0402HP-2N7E_TS	2.7 @ 250MHz	10,5,C,D	13.00	0.056	1500
0402HP-3N3E_TS	3.3 @ 250MHz	10,5,3,D	12.80	0.045	1700
0402HP-3N6E_TS	3.6 @ 250MHz	10,5,3,D	11.70	0.045	1700
0402HP-3N9E_TS	3.9 @ 250MHz	10,5,3,D	9.50	0.045	1700
0402HP-4N3E_TS	4.3 @ 250MHz	10,5,3,D	7.15	0.045	1600
0402HP-4N7E_TS	4.7 @ 250MHz	10,5,3,D	6.85	0.060	1500
0402HP-5N1E_TS	5.1 @ 250MHz	10,5,3,2	6.80	0.100	1200
0402HP-5N6E_TS	5.6 @ 250MHz	10,5,3,2	6.50	0.048	1600
0402HP-6N2E_TS	6.2 @ 250MHz	10,5,3,2	5.80	0.050	1600
0402HP-6N8E_TS	6.8 @ 250MHz	10,5,3,2	5.80	0.055	1500
0402HP-7N5E_TS	7.5 @ 250MHz	10,5,3,2	5.40	0.080	1400
0402HP-8N2E_TS	8.2 @ 250MHz	10,5,3,2	5.40	0.058	1500
0402HP-8N7E_TS	8.7 @ 250MHz	10,5,3,2	5.00	0.058	1500
0402HP-9N0E_TS	9.0 @ 250MHz	10,5,3,2	5.00	0.080	1400
0402HP-9N5E_TS	9.5 @ 250MHz	10,5,3,2	4.70	0.080	1400
0402HP-100E_TS	10.0 @ 250MHz	10,5,3,2	4.70	0.085	1300
0402HP-110E_TS	11.0 @ 250MHz	10,5,3,2	4.70	0.065	1400
0402HP-120E_TS	12.0 @ 250MHz	10,5,3,2	4.40	0.090	1200
0402HP-130E_TS	13.0 @ 250MHz	10,5,3,2	4.20	0.140	870
0402HP-150E_TS	15.0 @ 250MHz	10,5,3,2	3.90	0.110	1100
0402HP-160E_TS	16.0 @ 250MHz	10,5,3,2	3.70	0.130	850
0402HP-180E_TS	18.0 @ 250MHz	10,5,3,2	3.55	0.120	900
0402HP-190E_TS	19.0 @ 250MHz	10,5,3,2	3.50	0.145	850
0402HP-200E_TS	20.0 @ 250MHz	10,5,3,2	3.50	0.185	780
0402HP-210E_TS	21.0 @ 250MHz	10,5,3,2	1.70	0.460	450
0402HP-220E_TS	22.0 @ 250MHz	10,5,3,2	3.30	0.160	800
0402HP-230E_TS	23.0 @ 250MHz	10,5,3,2	3.30	0.160	800
0402HP-240E_TS	24.0 @ 250MHz	10,5,3,2	3.15	0.190	700
0402HP-250E_TS	25.0 @ 250MHz	10,5,3,2	3.15	0.250	600
0402HP-260E_TS	26.0 @ 250MHz	10,5,3,2	3.15	0.275	450
0402HP-270E_TS	27.0 @ 250MHz	10,5,3,2	3.20	0.275	450
0402HP-300E_TS	30.0 @ 250MHz	10,5,3,2	2.90	0.330	450
0402HP-330E_TS	33.0 @ 250MHz	10,5,3,2	2.80	0.330	490
0402HP-360E_TS	36.0 @ 250MHz	10,5,3,2	2.80	0.360	480
0402HP-370E_TS	37.0 @ 250MHz	10,5,3,2	2.70	0.480	470
0402HP-390E_TS	39.0 @ 250MHz	10,5,3,2	2.60	0.430	450
0402HP-400E_TS	40.0 @ 250MHz	10,5,3,2	2.60	0.430	450
0402HP-430E_TS	43.0 @ 250MHz	10,5,3,2	2.50	0.520	450
0402HP-470E_TS	47.0 @ 250MHz	10,5,3,2	2.40	0.580	420
0402HP-510E_TS	51.0 @ 250MHz	10,5,3,2	2.30	0.700	360
0402HPH-560E_TS	56.0 @ 250MHz	10,5,3,2	2.07	0.900	330

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

Shape & Dimension


	A		B		C		D Ref.	E	F	G	H	I	J
	Max.	Min.	Max.	Min.	Max.	Min.							
inch	0.045	0.035	0.028	0.016	0.024	0.016	0.008	0.018	0.008	0.024	0.026	0.014	0.020
mm	1.15	0.90	0.70	0.40	0.60	0.40	0.20	0.46	0.20	0.60	0.65	0.35	0.50

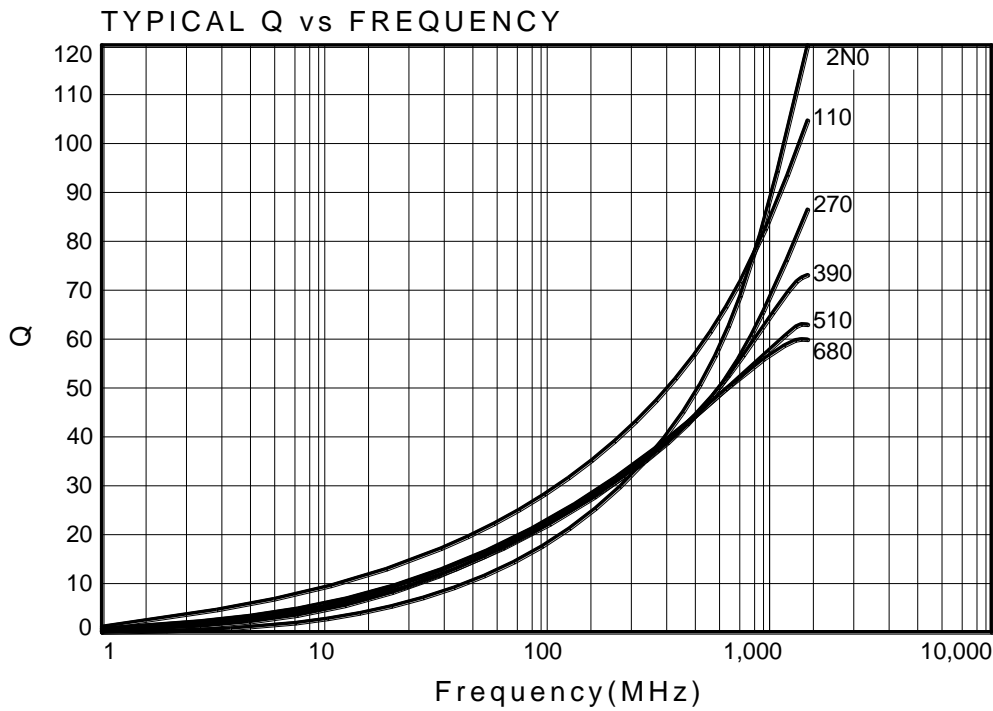
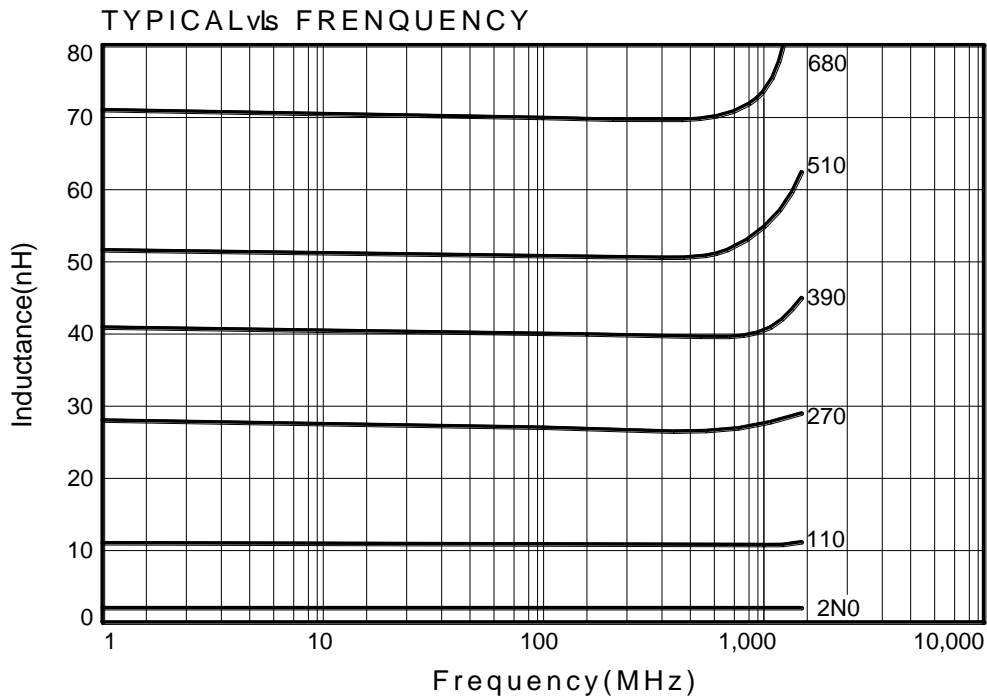
Parts/Reel: 7" 4,000PCS

Tape Width: 8mm



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0402HP Series Typical Electrical Characteristics





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