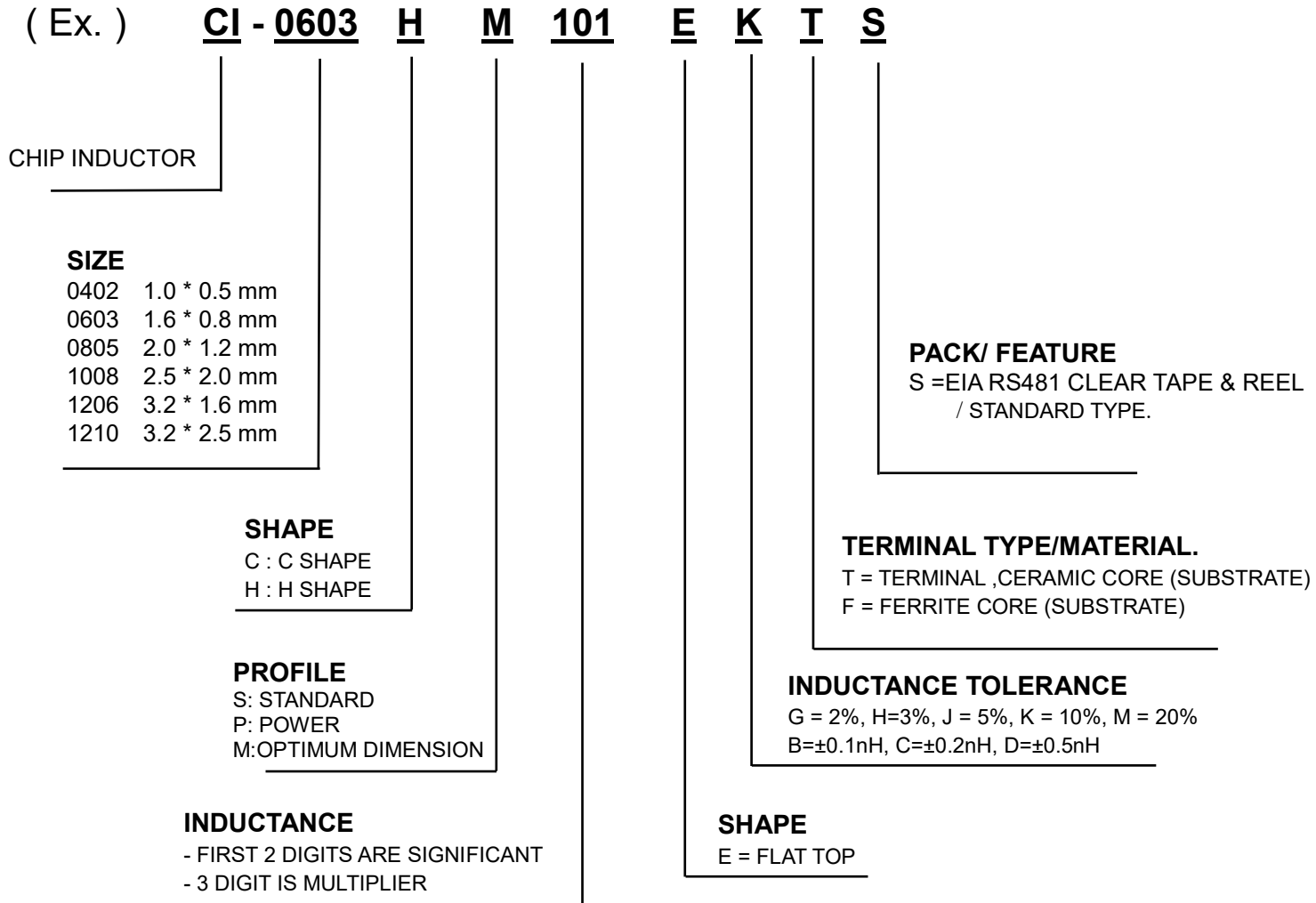




# WIRE-WOUND CHIP INDUCTOR – CERAMIC / 0603 (1608) 0603HM Series Part Numbering

## Part Numbering (Example)





# WIRE-WOUND CHIP INDUCTOR – CERAMIC / 0603 (1608)

## 0603HM Series (2.2 ~ 470nH)

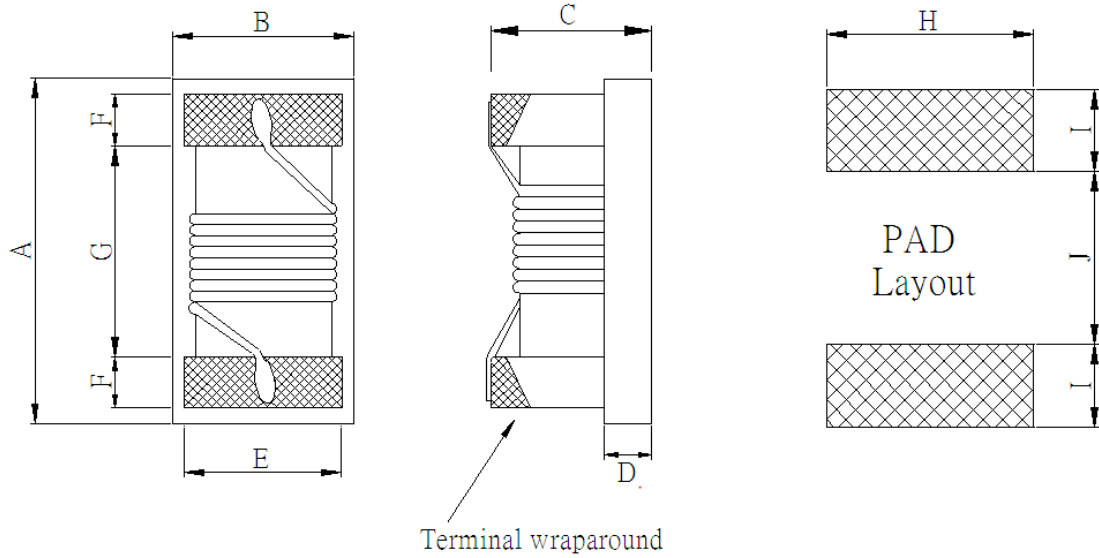
Part Number	Inductance nH	Percent Tolerance	Q Min	SRF Min MHz	RDC Max Ohms	IDC Max mA
CI-0603HM2N2E_TS	2.2 @ 100MHz	D	16 @ 250MHz	6000	0.049	700
CI-0603HM3N6E_TS	3.6 @ 100MHz	C,D	25 @ 250MHz	6000	0.059	850
CI-0603HM3N9E_TS	3.9 @ 100MHz	C,D	35 @ 250MHz	6000	0.059	850
CI-0603HM4N3E_TS	4.3 @ 100MHz	C,D	35 @ 250MHz	6000	0.059	850
CI-0603HM4N7E_TS	4.7 @ 100MHz	C,D	35 @ 250MHz	6000	0.059	850
CI-0603HM5N6E_TS	5.6 @ 100MHz	C,D	35 @ 250MHz	6000	0.082	750
CI-0603HM6N2E_TS	6.2 @ 100MHz	C,D	35 @ 250MHz	6000	0.082	750
CI-0603HM6N8E_TS	6.8 @ 100MHz	C,D	35 @ 250MHz	6000	0.082	750
CI-0603HM7N5E_TS	7.5 @ 100MHz	C,D	35 @ 250MHz	6000	0.082	750
CI-0603HM8N2E_TS	8.2 @ 100MHz	C,D	35 @ 250MHz	6000	0.110	650
CI-0603HM8N7E_TS	8.7 @ 100MHz	C,D	35 @ 250MHz	6000	0.110	650
CI-0603HM9N1E_TS	9.1 @ 100MHz	C,D	35 @ 250MHz	6000	0.110	650
CI-0603HM9N5E_TS	9.5 @ 100MHz	C,D	35 @ 250MHz	6000	0.110	650
CI-0603HM100E_TS	10.0 @ 100MHz	10,5,3,2	35 @ 250MHz	6000	0.110	650
CI-0603HM110E_TS	11.0 @ 100MHz	10,5,3,2	35 @ 250MHz	6000	0.110	650
CI-0603HM120E_TS	12.0 @ 100MHz	10,5,3,2	35 @ 250MHz	6000	0.130	600
CI-0603HM130E_TS	13.0 @ 100MHz	10,5,3,2	35 @ 250MHz	6000	0.130	600
CI-0603HM150E_TS	15.0 @ 100MHz	10,5,3,2	40 @ 250MHz	6000	0.130	600
CI-0603HM160E_TS	16.0 @ 100MHz	10,5,3,2	40 @ 250MHz	5500	0.160	550
CI-0603HM180E_TS	18.0 @ 100MHz	10,5,3,2	40 @ 250MHz	5500	0.160	550
CI-0603HM200E_TS	20.0 @ 100MHz	10,5,3,2	40 @ 250MHz	4900	0.160	550
CI-0603HM220E_TS	22.0 @ 100MHz	10,5,3,2	40 @ 250MHz	4600	0.170	500
CI-0603HM240E_TS	24.0 @ 100MHz	10,5,3,2	40 @ 250MHz	3800	0.210	500
CI-0603HM270E_TS	27.0 @ 100MHz	10,5,3,2	40 @ 250MHz	3700	0.210	440
CI-0603HM300E_TS	30.0 @ 100MHz	10,5,3,2	40 @ 250MHz	3300	0.230	420
CI-0603HM330E_TS	33.0 @ 100MHz	10,5,3,2	40 @ 250MHz	3200	0.230	420
CI-0603HM360E_TS	36.0 @ 100MHz	10,5,3,2	40 @ 250MHz	2900	0.260	400
CI-0603HM390E_TS	39.0 @ 100MHz	10,5,3,2	40 @ 250MHz	2800	0.260	400
CI-0603HM430E_TS	43.0 @ 100MHz	10,5,3,2	40 @ 200MHz	2700	0.290	380
CI-0603HM470E_TS	47.0 @ 100MHz	10,5,3,2	38 @ 200MHz	2600	0.290	380
CI-0603HM510E_TS	51.0 @ 100MHz	10,5,3,2	38 @ 200MHz	2500	0.330	370
CI-0603HM560E_TS	56.0 @ 100MHz	10,5,3,2	38 @ 200MHz	2400	0.350	360
CI-0603HM620E_TS	62.0 @ 100MHz	10,5,3,2	38 @ 200MHz	2300	0.510	280
CI-0603HM680E_TS	68.0 @ 100MHz	10,5,3,2	38 @ 200MHz	2200	0.380	340
CI-0603HM720E_TS	72.0 @ 100MHz	10,5,3,2	34 @ 150MHz	2100	0.560	270
CI-0603HM750E_TS	75.0 @ 100MHz	10,5,3,2	34 @ 150MHz	2050	0.560	270
CI-0603HM820E_TS	82.0 @ 100MHz	10,5,3,2	34 @ 150MHz	2000	0.600	250
CI-0603HM910E_TS	91.0 @ 100MHz	10,5,3,2	34 @ 150MHz	1900	0.640	230
CI-0603HM101E_TS	100.0 @ 100MHz	10,5,3,2	34 @ 150MHz	1800	0.680	220
CI-0603HM111E_TS	110.0 @ 100MHz	10,5,3,2	32 @ 150MHz	1700	1.200	200
CI-0603HM121E_TS	120.0 @ 100MHz	10,5,3,2	32 @ 150MHz	1600	1.300	180
CI-0603HM131E_TS	130.0 @ 100MHz	10,5,3,2	32 @ 150MHz	1450	1.400	170
CI-0603HM151E_TS	150.0 @ 100MHz	10,5,3,2	32 @ 150MHz	1400	1.500	160
CI-0603HM161E_TS	160.0 @ 100MHz	10,5,3,2	32 @ 150MHz	1350	2.100	150
CI-0603HM181E_TS	180.0 @ 100MHz	10,5,3,2	25 @ 100MHz	1300	2.200	140
CI-0603HM201E_TS	200.0 @ 100MHz	10,5,3,2	25 @ 100MHz	1250	2.400	120
CI-0603HM221E_TS	220.0 @ 100MHz	10,5,3,2	25 @ 100MHz	1200	2.500	120
CI-0603HM271E_TS	270.0 @ 100MHz	10,5,3,2	30 @ 100MHz	960	3.400	110
CI-0603HM331E_TS	330.0 @ 100MHz	10,5,3,2	30 @ 100MHz	800	5.500	85
CI-0603HM391E_TS	390.0 @ 100MHz	10,5,3,2	30 @ 100MHz	800	6.200	80
CI-0603HM471E_TS	470.0 @ 100MHz	10,5,3,2	30 @ 100MHz	700	7.000	75

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



**WIRE-WOUND CHIP INDUCTOR – CERAMIC / 0603 (1608)**  
**0603HM Series Shape Dimension**

**Shape & Dimension**



	A		B		C		D	E	F	G	H	I	J
	Min	Max.	Min	Max.	Min	Max.							
Inch	0.055	0.070	0.031	0.045	0.024	0.039	0.014	0.030	0.011	0.040	0.040	0.027	0.028
mm	1.40	1.80	0.80	1.15	0.60	1.00	0.35	0.77	0.30	1.02	1.02	0.69	0.70

Parts/Reel: 7" 4,000 PCS

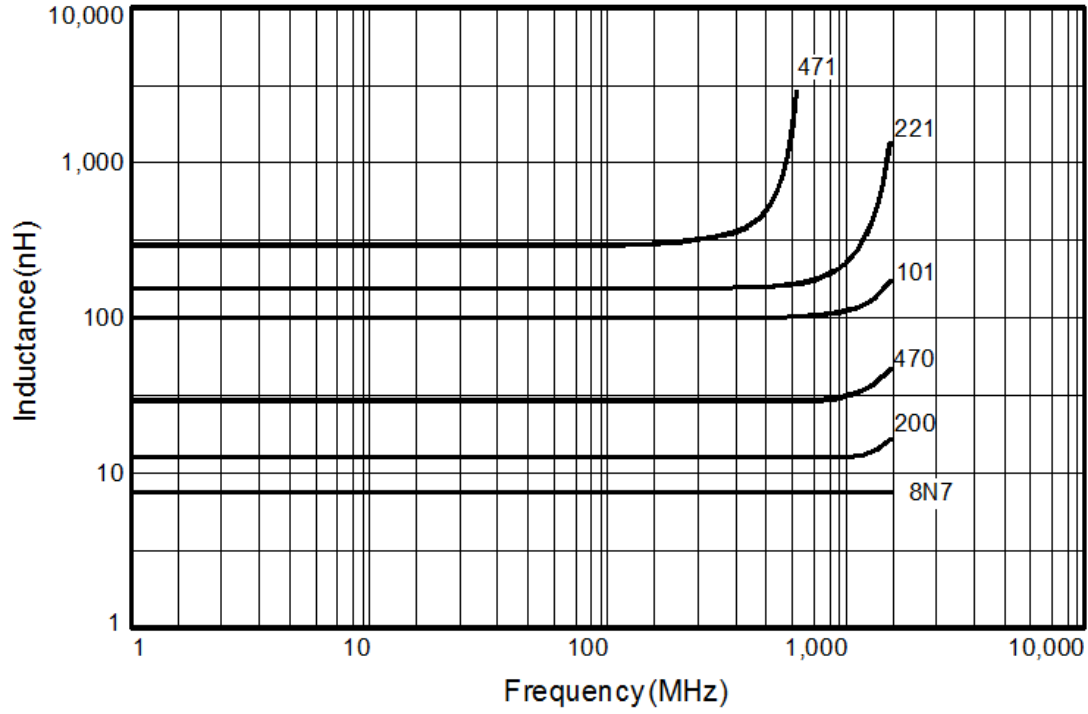
Tape Width: 8mm



# WIRE-WOUND CHIP INDUCTOR – CERAMIC / 0603 (1608)

## 0603HM Series Typical Electrical Characteristics

TYPICAL L vs FREQUENCY



TYPICAL Q vs FREQUENCY

