



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



PRODUCT SPECIFICATION



Product Name	0603 WIRE WOUND CERAMIC CHIP INDUCTORS	Page	1
TAMURA Part No.	T0603-XXX	Rev. No.	0

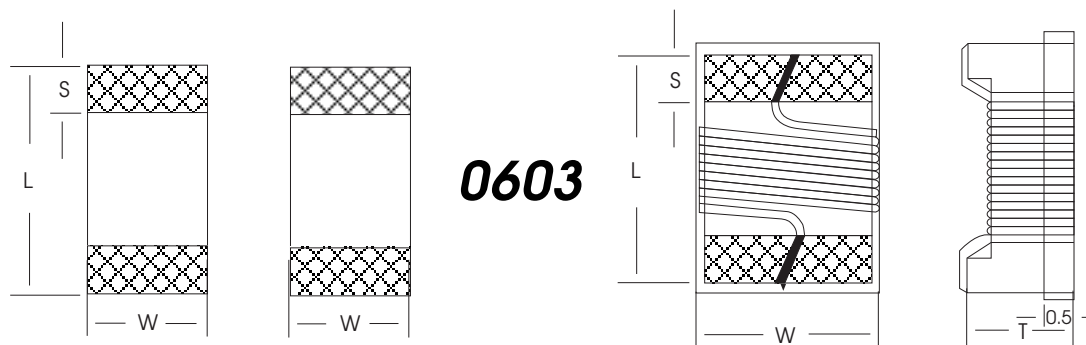
Features:

- Small and lightweight.
- Wide inductance range, 1.6nH to 270nH.
- Excellent solderability and resistance to soldering heat, suitable for flow and reflow soldering.
- Minimum dimensions, high reliability and high speed surface mount assembly.

Application:

1. Prevention of electromagnetic interference to signals on the secondary side of electric equipment
2. Telecommunication products, mobile phone, pagers, cellular phone, computers. Modems, OA products, TVs, VCRs. etc.

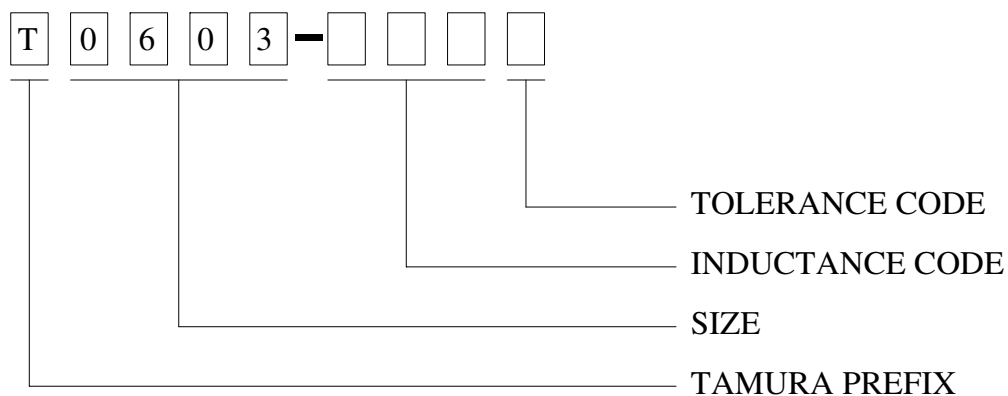
1. CONFIGURATION & DIMENSIONS :



Size Code		L ± 0.2	W ± 0.2	T ± 0.2	S ± 0.2
Japan	USA/Europe				
1608	0603	1.70	1.10	0.90	0.30

All dimensions in mm

2. Part No. FORMAT :



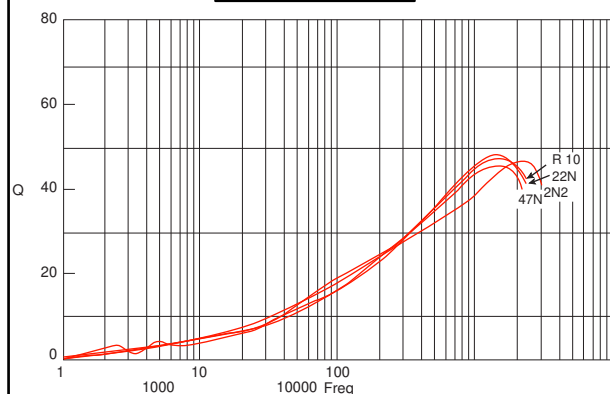
Tolerance Code: J=± 5%, G= ± 2%

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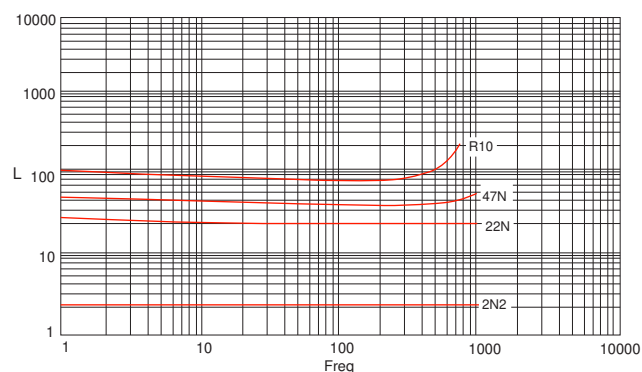


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Q VS Freq Plot



L VS Freq Plot



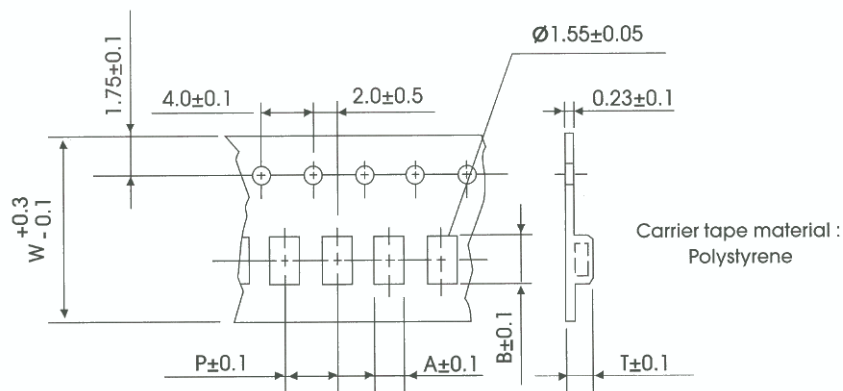
PART No.	Inductance (nH)	Q Min	RDC Max (Ohms)	I DC Max (mA)	SRF Min (MHz)
T0603 - 1N6	1.6@ 250MHz	18@ 250MHz	0.03	700	12500
T0603 - 1N8	1.8@ 250MHz	16@ 250MHz	0.05	700	12500
T0603 - 3N6	3.6@ 250MHz	22@ 250MHz	0.06	700	5900
T0603 - 3N9	3.9@ 250MHz	22@ 250MHz	0.07	700	6900
T0603 - 4N3	4.3@ 250MHz	22@ 250MHz	0.07	700	5900
T0603 - 4N7	4.7@ 250MHz	20@ 250MHz	0.08	700	5800
T0603 - 5N1	5.1@ 250MHz	18@ 250MHz	0.15	700	5700
T0603 - 5N6	5.6@ 250MHz	16@ 250MHz	0.19	700	5700
T0603 - 6N8	6.8@ 250MHz	28@ 250MHz	0.09	700	5800
T0603 - 7N5	7.5@ 250MHz	28@ 250MHz	0.10	700	4800
T0603 - 8N7	8.7@ 250MHz	28@ 250MHz	0.10	700	4600
T0603 - 9N5	9.5@ 250MHz	28@ 250MHz	0.11	700	5400
T0603 - 10N	10@ 250MHz	30@ 250MHz	0.09	700	4800
T0603 - 11N	11@ 250MHz	30@ 250MHz	0.10	700	4000
T0603 - 12N	12@ 250MHz	32@ 250MHz	0.10	700	4000
T0603 - 15N	15@ 250MHz	32@ 250MHz	0.11	700	4000
T0603 - 16N	16@ 250MHz	32@ 250MHz	0.11	700	3300
T0603 - 18N	18@ 250MHz	35@ 250MHz	0.12	700	3100
T0603 - 22N	22@ 250MHz	35@ 250MHz	0.15	700	3000
T0603 - 24N	24@ 250MHz	35@ 250MHz	0.14	700	2650
T0603 - 27N	27@ 250MHz	35@ 250MHz	0.20	600	2800
T0603 - 30N	30@ 250MHz	35@ 250MHz	0.15	600	2250
T0603 - 33N	33@ 250MHz	36@ 250MHz	0.16	600	2300
T0603 - 36N	36@ 250MHz	36@ 250MHz	0.20	600	2080
T0603 - 39N	39@ 250MHz	36@ 250MHz	0.21	600	2200
T0603 - 43N	43@ 250MHz	35@ 250MHz	0.22	600	2000
T0603 - 47N	47@ 250MHz	35@ 200MHz	0.23	600	2000
T0603 - 56N	56@ 250MHz	32@ 200MHz	0.25	600	1900
T0603 - 68N	68@ 250MHz	32@ 200MHz	0.35	600	1700
T0603 - 72N	72@ 250MHz	30@ 150MHz	0.54	400	1700
T0603 - 82N	82@ 250MHz	30@ 150MHz	0.58	400	1700
T0603 - R10	100@ 250MHz	30@ 150MHz	0.65	400	1400
T0603 - R11	110@ 250MHz	30@ 150MHz	0.69	300	1350
T0603 - R12	120@ 250MHz	30@ 150MHz	0.65	280	1300
T0603 - R15	150@ 250MHz	30@ 150MHz	0.85	240	990
T0603 - R18	180@ 250MHz	25@ 100MHz	1.00	200	990
T0603 - R22	220@ 250MHz	25@ 100MHz	1.80	200	900
T0603 - R25	250@ 250MHz	25@ 100MHz	1.93	120	900
T0603 - R27	270@ 250MHz	25@ 100MHz	2.10	170	900

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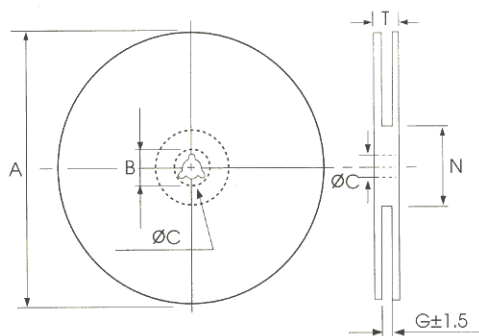
3. PACKAGING INFORMATION :



Package Size	A	B	W	P	T	Carrier Material	Tape/Cover Material	Qty. Units / reel	# Reels /Carton	Carton Size (LxWxH)
0402	0.65	1.15	8	2	N/A	plastic	plastic	10,000	36	400*265*238
0603	1.08	1.88	8	4	N/A	plastic	plastic	3000	36	400*265*238
0805	1.50	2.30	8	4	0.3	plastic	plastic	3000	36	400*265*238
1008	N/A	N/A	8	4	0.3	plastic	plastic	2000	36	400*265*238
1210	1.88	3.50	8	4	0.3	plastic	plastic	2000	50	390*215*390
1812	N/A	N/A	12	8	0.3	plastic	plastic	500	40	390*215*390

Dimensions in mm

REEL DIMENSIONS
Material: Paper, Plastic



TYPE	8mm	12mm
A	178 ± 2	178 ± 2
B	21.0 ± 0.8	21.0 ± 0.8
C	13.0 ± 0.8	13.0 ± 0.8
G	10.0	14.0
N	75	75
T	12.5	16.5

