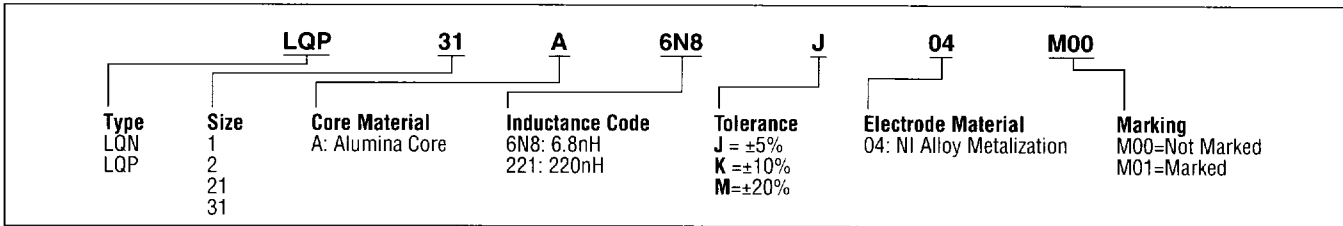


These ultra small, high performance chip inductors feature a low direct current resistance and outstanding high frequency characteristics. Each series has a unique structure specifically designed with a wide range of values suitable for various applications such as CMT, pagers, radio communication equipment and audio equipment.

PACKAGING:

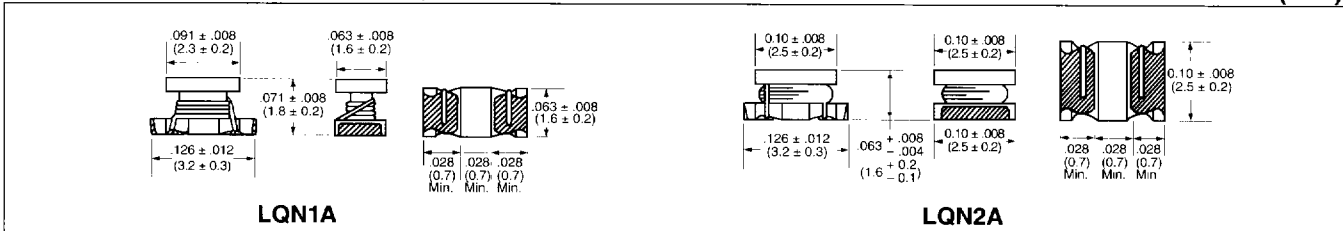
Taped per EIAJ-RC-1009B in plastic tape on a reel in the following quantities:
LQN1A/LQH1N/LQH1C/LQH3N/LQH3C/LQP31A/LQP21A : 2000 pcs/reel (180mm)
LQN2A : 2500 pcs/reel (180mm)
LQH(N)4N : 2500 pcs/reel (330mm)
LQM32C : 1000 pcs/reel (180mm)
LQS33N : 1000 pcs/reel (180mm)
LQG21N : 4000 pcs/reel (180mm)

PART NUMBERING



★ LQN1A/LQN2A SERIES – HIGH Q, FOR HIGH FREQUENCY

DIMENSIONS: in. (mm)

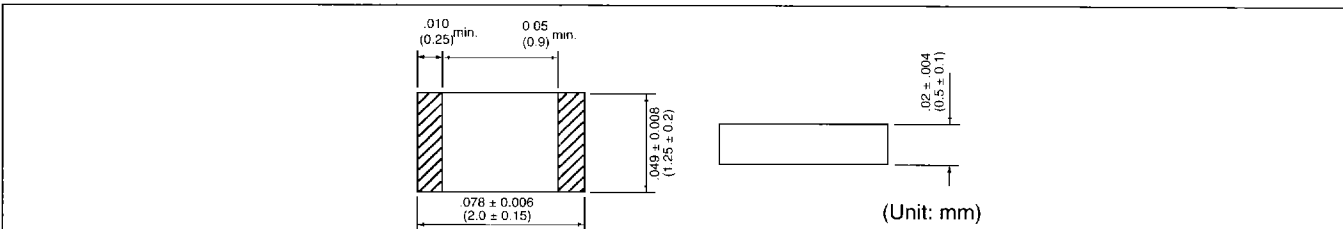


Part Number ^{1,2}	Nominal Inductance		Tolerance ³			Q (Typ.)	DC ⁴ Resistance (Ω) Max.	Self ⁴ Resonance Freq. (MHz) Min.	Allowable ⁴ Current(mA)
	Min.	Max.	J	K	M				
★LQN1A○○○□04M00	8.8nH	100nH	⊙	○		100	0.029±40%	1000	750
★LQN2A○○○□04M00	10nH	82nH			⊙	60	0.25	1000	750
	100nH	220nH		⊙		40	0.40	400	380

1...Inductance code is shown in ○○○: 4.7nH=4N7, 10nH=10N, 100nH=R10
 2...Tolerance code is shown in □: ±5%=J, ±10%=K, ±20%=M

3...⊙: Standard ○: Semi Standard
 4...DC resistance, self-resonant frequency and allowable current are shown with the minimum value of inductance.

★ LQP21A SERIES – SMALL SIZE FOR ULTRA HIGH FREQUENCY

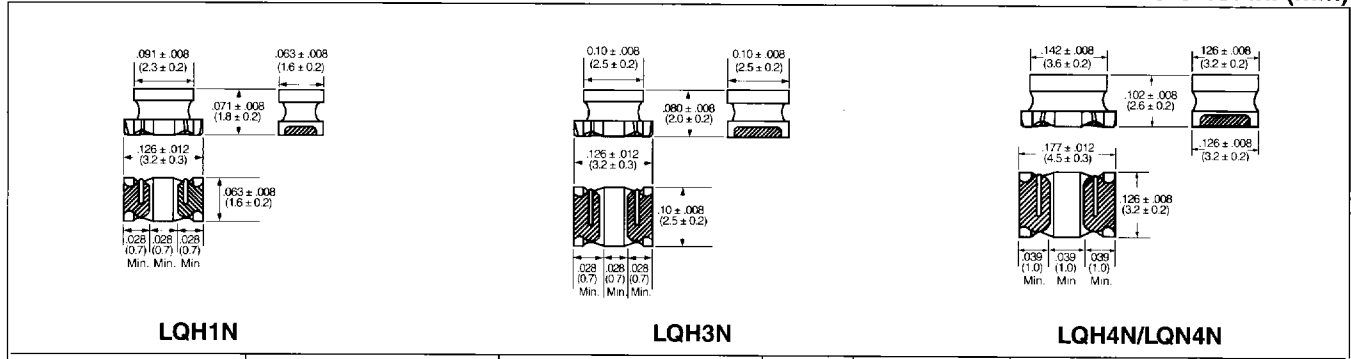


Part Number ^{1,2}	Nominal Inductance		Tolerance ³			Q (Typ.)	DC ⁴ Resistance (Ω) Max.	Self ⁴ Resonance Freq. (MHz) Min.	Allowable ⁴ Current(mA)
	Min.	Max.	J	K	M				
★LQP21A○○○□04	3.3nH	15nH	⊙			44	1	2000	100

1...Inductance code is shown in ○○○: 3.3nH=3N3, 15nH=15N.
 2...Tolerance code is shown in □: ±5%=J.
 3...⊙: Standard.
 4...DC resistance and self-resonant frequency are shown with minimum value of inductance.
 ★Available as standard through authorized Murata Electronics Distributors.

STANDARD TYPE LQH/LQN□N SERIES

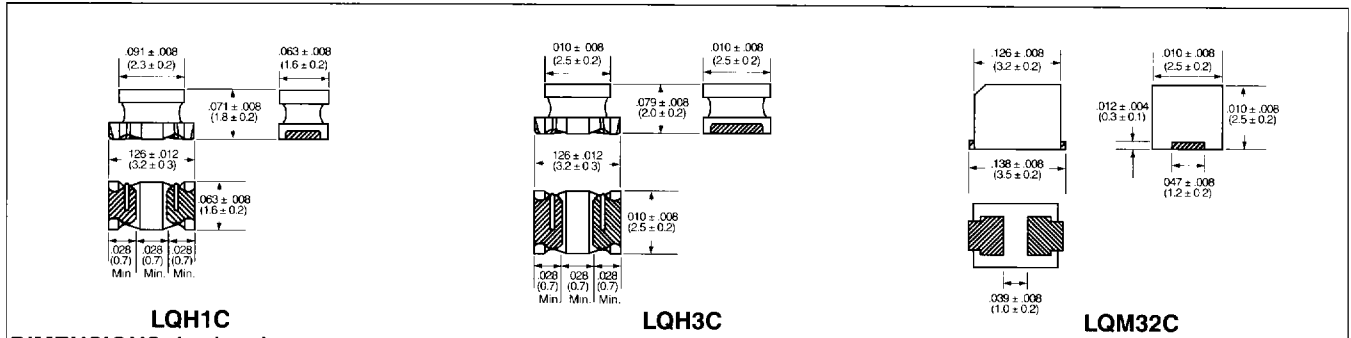
DIMENSIONS: in. (mm)



Part Number ^{1,2}	Nominal Inductance		Tolerance ³			Q (Typ.)	DC ⁴ Resistance (Ω) Max.	Self ⁴ Resonance Freq. (MHz) Min.	Allowable ⁴ Current(mA)
	Min.	Max.	J	K	M				
*LQH1N○○○□04M00	0.15μH	8.2μH		○	⊙	50	0.39±40%	250	250
	10μH	100μH	○	⊙		60	2.5 ±30%	20	100
*LQH3N○○○□04M00	0.1μH	0.82μH			⊙	50	0.25	200	700
	1.0μH	8.2μH		○	⊙	60	0.5	100	445
*LQH4N○○○□04M00	10μH	1.5mH	○	⊙		50	0.56	23	400
*LQN4N○○○□04M00	1.8mH	2.2mH	○	⊙		50	45	1.5	35

1...Inductance code is shown in ○○○: 1.2μH=1R2, 10μH=100, 100μH=101
 2...Tolerance code is shown in □: ±5%=J, ±10%=K, ±20%=M
 3...⊙: Standard ○: Semi Standard.
 4...DC resistance, self-resonant frequency and allowable current are shown with the minimum value of inductance.

LQH□C/LQM32C SERIES – FOR CHOKE COIL USE, LARGE ALLOWABLE CURRENT, LARGE INDUCTANCE



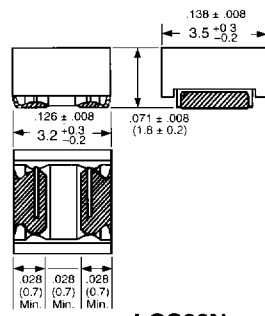
Part Number ^{1,2}	Nominal Inductance		Tolerance ³			DC ⁴ Resistance (Ω) Max.	Self ⁴ Resonance Freq. (MHz) Min.	Allowable ⁴ Current(mA)
	Min.	Max.	J	K	M			
*LQH1C○○○□04M00	0.12μH	4.7μH			⊙	0.08±40%	250	970
	10μH	100μH		⊙		1.3 ±30%	20	230
*LQH3C○○○□04M00	1.0μH	4.7μH			⊙	0.09±30%	96	800
	10μH	330μH		⊙		0.44±30%	26	300
*LQM32C○○○□00M00	470μH	1000μH			⊙	13 ±30%	4.5	80

1...Inductance code is shown in ○○○: 1.2μH=1R2, 10μH=100, 100μH=101
 2...Tolerance code is shown in □: ±5%=J, ±10%=K, ±20%=M
 3...⊙: Standard ○: Semi Standard
 4...DC resistance, self-resonant frequency and allowable current are shown with the minimum value of inductance.

*Available as standard through authorized Murata Electronics Distributors.

CHIP INDUCTORS

LQS33N SERIES – TIGHT TOLERANCE WITH MAGNETIC SHIELD



DIMENSIONS: in. (mm)

LQS33N

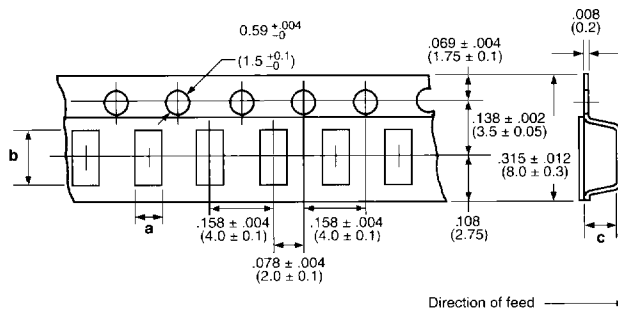
Part Number ^{1,2}	Nominal Inductance		Tolerance ³			Q (Typ.)	DC ⁴ Resistance (Ω) Max.	Self ⁴ Resonance Freq. (MHz) Min.	Allowable ⁴ Current (mA)
	Min.	Max.	G	J	K				
LQS33N○○○□04M00	1.0 μ H	100 μ H	⊙	○		100	0.19 \pm 30%	120	70

1...Inductance code is shown in ○○○ : 1.2 μ H=1R2, 10 μ H=100, 100 μ H=101
 2...Tolerance code is shown in □ : \pm 2%=G, \pm 5%=J, \pm 10%=K

3...⊙: Standard ○: Semi Standard.

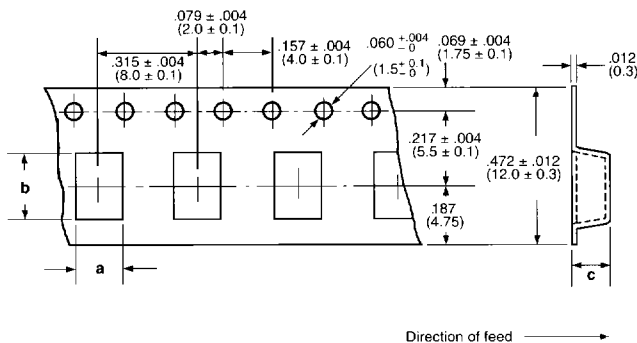
4...DC resistance, self-resonant frequency and allowable current are shown with the minimum value of inductance.

DIMENSIONS OF PLASTIC TAPE: in. (mm)



Part Number	a	b	c
LQH1N/LQH1C	.075 (1.9)	.142 (3.6)	.079 (2.0)
LQH3N/LQH3C	.114 \pm .008 (2.9 \pm 0.2)	.142 \pm .008 (3.6 \pm 0.2)	.087 (2.2)
LQM32C	.114 (2.9)	.157 (4.0)	.110 (2.8)

DIMENSIONS OF PLASTIC TAPE: in. (mm)



Part Number	a	b	c
LQS33N	0.10 (3.9)	.146 (3.7)	.075 (1.9)
LQH4N/LQN4N	.142 (3.6)	.193 (4.9)	.114 (2.9)