

Coils/Delay Lines

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Part Number	Inductance (μH)	Rated Current (mA)	Max. of DC resistance (ohm)	Self Resonance Frequency (MHz)	EIA
LQH3KSN152N21	1500 \pm 30%	25	29.9	1.7 min.	1212
LQH3KSN222N21	2200 \pm 30%	20	36.4	1.5 min.	1212

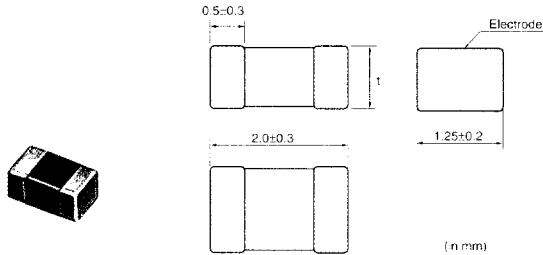
Min. of Operating Temp.: -25 C to 85 C

Chip Coils

for Choke Monolithic Type

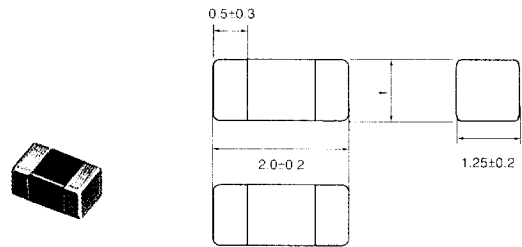
3 Coils/Delay Lines

● LQM21D/LQM21F Series (0805)



LQM21D Series

Part Number	t
LQM21DN1R0N00 to N100N00	0.85 \pm 0.2
LQM21DN220N00 to N470N00	1.25 \pm 0.2



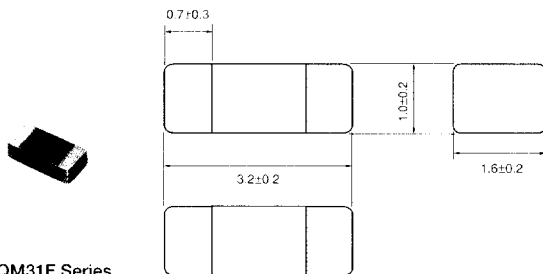
LQM21F Series

Part Number	t
LQM21FN1R0N00 to N2R2N00	0.85 \pm 0.2
LQM21FN4R7N00 to N470N00	1.25 \pm 0.2

Part Number	Inductance (μH)	Rated Current (mA)	Max. of DC resistance (ohm)	Self Resonance Frequency (MHz)	EIA
LQM21DN1R0N00	1 \pm 30%	60	0.10	75 min.	0805
LQM21FN1R0N00	1.0 \pm 30%	220	0.26	105 min.	0805
LQM21DN2R2N00	2.2 \pm 30%	40	0.17	50 min.	0805
LQM21FN2R2N00	2.2 \pm 30%	150	0.364	70 min.	0805
LQM21DN4R7N00	4.7 \pm 30%	30	0.30	35 min.	0805
LQM21FN4R7N00	4.7 \pm 30%	80	0.39	25 min.	0805
LQM21DN100N00	10 \pm 30%	15	0.50	24 min.	0805
LQM21FN100N00	10 \pm 30%	60	0.65	15 min.	0805
LQM21DN220N00	22 \pm 30%	13	0.65	16 min.	0805
LQM21FN220N00	22 \pm 30%	13	0.455	15 min.	0805
LQM21DN470N00	47 \pm 30%	7	1.20	7.5 min.	0805
LQM21FN470N00	47 \pm 30%	7	0.78	7.5 min.	0805

Min. of Operating Temp.: -40 C to 85 C

● LQM31F Series (1206)



LQM31F Series

(in mm)

Coils/Delay Lines

Part Number	Inductance (μH)	Rated Current (mA)	Max. of DC resistance (ohm)	Self Resonance Frequency (MHz)	EIA
LQM31FN100M00	10 \pm 20%	70	0.50	20 min.	1206

Min. of Operating Temp. : -40°C to 85°C

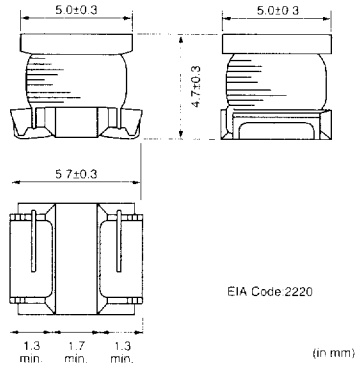
Chip Coils

for Choke Large Current Type

● LQH55D Series (2220)



LQH55D Series

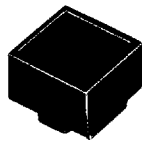


Part Number	Inductance (μH)	Rated Current (mA)	Max. of DC resistance (ohm)	Self Resonance Frequency (MHz)	EIA
LQH55DNR12M01	0.12 \pm 20%	6000	0.0098	450 min.	2220
LQH55DNR27M01	0.27 \pm 20%	5300	0.014	300 min.	2220
LQH55DNR47M01	0.47 \pm 20%	4800	0.0182	200 min.	2220
LQH55DN1R0M01	1.0 \pm 20%	4000	0.027	150 min.	2220
LQH55DN1R5M01	1.5 \pm 20%	3700	0.031	110 min.	2220
LQH55DN2R2M01	2.2 \pm 20%	3200	0.041	80 min.	2220
LQH55DN3R3M01	3.3 \pm 20%	2900	0.05	40 min.	2220
LQH55DN4R7M01	4.7 \pm 20%	2700	0.0574	30 min.	2220
LQH55DN6R8M01	6.8 \pm 20%	2000	0.104	25 min.	2220
LQH55DN100M01	10 \pm 20%	1700	0.130	20 min.	2220
LQH55DN150M01	15 \pm 20%	1400	0.21	17 min.	2220
LQH55DN220M01	22 \pm 20%	1200	0.266	15 min.	2220
LQH55DN330M01	33 \pm 20%	900	0.448	12 min.	2220
LQH55DN470M01	47 \pm 20%	800	0.56	10 min.	2220
LQH55DN680M01	68 \pm 20%	640	0.938	7.6 min.	2220
LQH55DN101M01	100 \pm 20%	560	1.204	6.5 min.	2220
LQH55DN151M01	150 \pm 20%	420	2.660	5.0 min.	2220
LQH55DN221M01	220 \pm 20%	320	3.36	4.0 min.	2220
LQH55DN331M01	330 \pm 20%	270	6.16	3.1 min.	2220
LQH55DN471M01	470 \pm 20%	240	7.56	2.4 min.	2220
LQH55DN681M01	680 \pm 20%	190	11.34	1.9 min.	2220
LQH55DN102M01	1000 \pm 20%	150	14.42	1.7 min.	2220
LQH55DN222M01	2200 \pm 20%	100	30.1	1.2 min.	2220
LQH55DN472M01	4700 \pm 20%	70	61.04	0.8 min.	2220
LQH55DN103M01	10000 \pm 20%	50	140	0.5 min.	2220

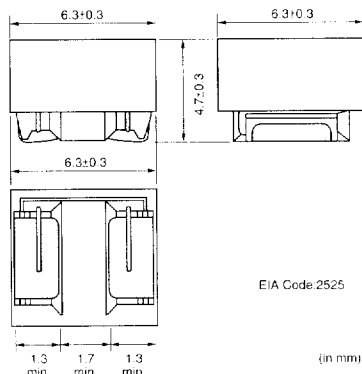
Min. of Operating Temp. : -25°C to 80°C

Coils/Delay Lines

● LQH66S Series (2525)



LQH66S Series



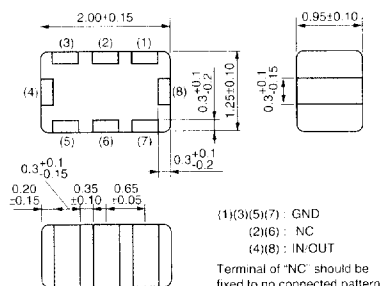
Part Number	Inductance (μH)	Rated Current (mA)	Max. of DC resistance (ohm)	Self Resonance Frequency (MHz)	EIA
LQH66SNR27M01	0.27 ±20%	6000	0.0098	300 min.	2525
LQH66SNR68M01	0.68 ±20%	5300	0.014	180 min.	2525
LQH66SN1R0M01	1.0 ±20%	4700	0.018	150 min.	2525
LQH66SN1R5M01	1.5 ±20%	3800	0.022	110 min.	2525
LQH66SN2R2M01	2.2 ±20%	3300	0.027	80 min.	2525
LQH66SN3R3M01	3.3 ±20%	2600	0.031	40 min.	2525
LQH66SN4R7M01	4.7 ±20%	2200	0.035	30 min.	2525
LQH66SN6R8M01	6.8 ±20%	1800	0.0406	25 min.	2525
LQH66SN100M01	10 ±20%	1600	0.050	20 min.	2525
LQH66SN150M01	15 ±20%	1300	0.967	17 min.	2525
LQH66SN220M01	22 ±20%	1100	0.122	15 min.	2525
LQH66SN330M01	33 ±20%	860	0.196	12 min.	2525
LQH66SN470M01	47 ±20%	760	0.238	10 min.	2525
LQH66SN680M01	68 ±20%	600	0.406	7.6 min.	2525
LQH66SN101M01	100 ±20%	520	0.504	6.5 min.	2525
LQH66SN151M01	150 ±20%	420	0.882	5.0 min.	2525
LQH66SN221M01	220 ±20%	350	1.106	4.0 min.	2525
LQH66SN331M01	330 ±20%	280	2.52	3.2 min.	2525
LQH66SN471M01	470 ±20%	240	3.08	2.5 min.	2525
LQH66SN681M01	680 ±20%	200	5.46	2.0 min.	2525
LQH66SN102M01	1000 ±20%	160	6.86	1.7 min.	2525
LQH66SN222M01	2200 ±20%	100	13.16	1.2 min.	2525
LQH66SN472M01	4700 ±20%	70	27.3	0.8 min.	2525
LQH66SN103M01	10000 ±20%	50	55.58	0.5 min.	2525

Min. of Operating Temp. : -25 C to 80 C

Chip Multilayer Delay Lines



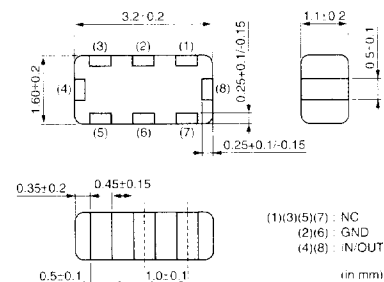
LDH21 Series



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LDH31 Series

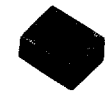


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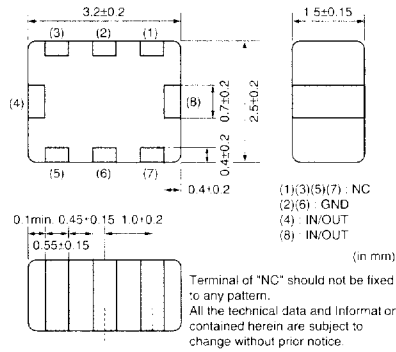
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Coils/Delay Lines

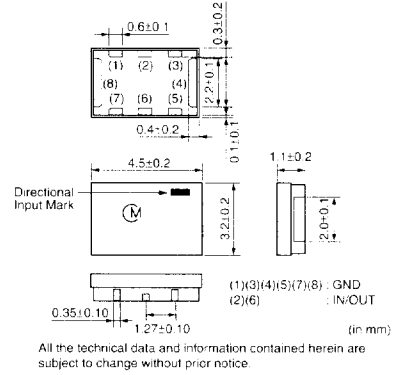
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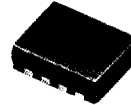
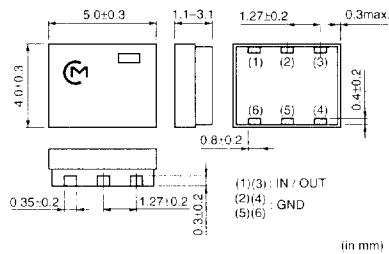
LDH32 Series



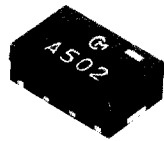
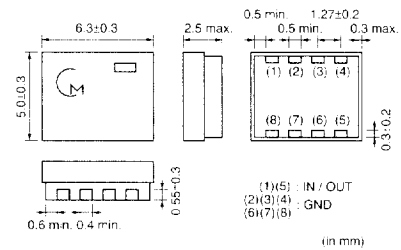
LDH43 Series



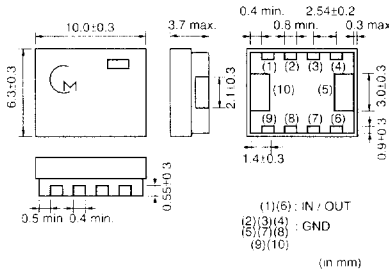
LDH54 Series



LDH65 Series



LDHA2 Series



Part Number	Delay Time (ns)	Impedance (ohm)	Rising Time (ns)	Insulation Resistance (M ohm)	Rated Current (mA)
LDH21600PLAC-820	0.60 ±0.09ns	50 (Nominal)	0.7 max.	100 min.	50
LDH21800PLAC-820	0.80 ±0.12ns	50 (Nominal)	0.75 max.	100 min.	50
LDH211N00LAC-820	1.00 ±0.15ns	50 (Nominal)	0.8 max.	100 min.	50
LDH211N20LAC-820	1.20 ±0.18ns	50 (Nominal)	0.85 max.	100 min.	50
LDH311N00LAC-810	0.1 ±15%	50 (Nominal)	0.8 max.	100 min.	50
LDH311N50LAC-810	1.5 ±15%	50 (Nominal)	1.0 max.	100 min.	50
LDH312N00LAC-810	2.0 ±15%	50 (Nominal)	1.5 max.	100 min.	50
LDH321N00LAC-800	1.0 ±15%	50 (Nominal)	0.8 max.	100 min.	50
LDH321N50LAC-800	1.5 ±15%	50 (Nominal)	1.0 max.	100 min.	50
LDH322N00LAC-800	2.0 ±15%	50 (Nominal)	1.5 max.	100 min.	50
LDH322N50LAC-800	2.5 ±15%	50 (Nominal)	1.8 max.	100 min.	50
LDH323N00LAC-800	3.0 ±15%	50 (Nominal)	2.0 max.	100 min.	50
LDH43050PAAA-830	50.0 ns±11.0ns (at 10.0GHz)	50 (at 10.0GHz) (Nominal)	-	100 min.	50
LDH43060PAAA-830	60.0 ps±11.0ps (at 10.0GHz)	50 (at 10.0GHz) (Nominal)	-	100 min.	50
LDH43070PAAA-830	70.0 ps±11.0ps (at 10.0GHz)	50 (at 10.0GHz) (Nominal)	-	100 min.	50
LDH43080PAAA-830	80.0 ps±11.0ps (at 10.0GHz)	50 (at 10.0GHz) (Nominal)	-	100 min.	50

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Coils/Delay Lines

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Part Number	Delay Time (ns)	Impedance (ohm)	Rising Time (ns)	Insulation Resistance (M ohm)	Rated Current (mA)
LDH43090PAAA-830	90.0 ps±11.0% (at 10.0GHz)	50 (at 10.0GHz) (Nominal)	-	100 min.	50
LDH43100PAAA-830	100.0 ps±11.0% (at 10.0GHz)	50 (at 10.0GHz) (Nominal)	-	100 min.	50
LDH43110PKAA-830	110.0 ps±11.0% (at 10.0GHz)	50 (at 10.0GHz) (Nominal)	-	100 min.	50
LDH43120PKAA-830	120.0 ps±11.0% (at 10.0GHz)	50 (at 10.0GHz) (Nominal)	-	100 min.	50
LDH43130PKAA-830	130.0 ps±11.0% (at 10.0GHz)	50 (at 10.0GHz) (Nominal)	-	100 min.	50
LDH43140PKAA-830	140.0 ps±11.0% (at 10.0GHz)	50 (at 10.0GHz) (Nominal)	-	100 min.	50
LDH43150PKAA-830	150.0 ps±11.0% (at 10.0GHz)	50 (at 10.0GHz) (Nominal)	-	100 min.	50
LDH54100PAAA-600	0.1 ±0.05ns	50 ±7 (at 100MHz)	0.15 max.	100 min.	50
LDH54200PAAA-600	0.2 ±0.05ns	50 ±7 (at 100MHz)	0.15 max.	100 min.	50
LDH54300PAAA-600	0.3 ±0.05ns	50 ±7 (at 100MHz)	0.15 max.	100 min.	50
LDH54400PAAA-600	0.4 ±0.05ns	50 ±7 (at 100MHz)	0.15 max.	100 min.	50
LDH54500PAAA-600	0.5 ±0.05ns	50 ±7 (at 100MHz)	0.15 max.	100 min.	50
LDH54600PBAA-600	0.6 ±0.1ns	50 ±7 (at 100MHz)	0.3 max.	100 min.	50
LDH54700PBAA-600	0.7 ±0.1ns	50 ±7 (at 100MHz)	0.3 max.	100 min.	50
LDH54800PBAA-600	0.8 ±0.1ns	50 ±7 (at 100MHz)	0.3 max.	100 min.	50
LDH54900PBAA-600	0.9 ±0.1ns	50 ±7 (at 100MHz)	0.3 max.	100 min.	50
LDH541N00BAA-600	1.0 ±0.1ns	50 ±7 (at 100MHz)	0.3 max.	100 min.	50
LDH541N50BAA-600	1.5 ±0.1ns	50 ±7 (at 100MHz)	0.5 max.	100 min.	50
LDH542N00BAA-600	2.0 ±0.1ns	50 ±7 (at 100MHz)	0.5 max.	100 min.	50
LDH542N50BAA-600	2.5 ±0.1ns	50 ±7 (at 100MHz)	0.5 max.	100 min.	50
LDH543N00KAB-700	3.0 ±0.3ns	75 (Nominal)	2.0 max.	100 min.	50
LDH544N00KAB-700	4.0 ±0.4ns	75 (Nominal)	2.5 max.	100 min.	50
LDH545N00KAB-700	5.0 ±0.5ns	75 (Nominal)	2.5 max.	100 min.	50
LDH546N00KAB-700	6.0 ±0.6ns	75 (Nominal)	3.0 max.	100 min.	50
LDH547N00KAB-700	7.0 ±0.7ns	75 (Nominal)	3.5 max.	100 min.	50
LDH548N00KAB-700	8.0 ±0.8ns	75 (Nominal)	3.5 max.	100 min.	50
LDH549N00KAB-700	9.0 ±0.9ns	75 (Nominal)	4.0 max.	100 min.	50
LDH5410N0KAB-700	10.0 ±1.0ns	75 (Nominal)	4.5 max.	100 min.	50
LDH65100PAAA-400	0.1 ±0.05ns	50 ±5 (at 100MHz)	0.10 max.	100 min.	100
LDH65200PAAA-400	0.2 ±0.05ns	50 ±5 (at 100MHz)	0.10 max.	100 min.	100
LDH65300PAAA-400	0.3 ±0.05ns	50 ±5 (at 100MHz)	0.15 max.	100 min.	100
LDH65400PAAA-400	0.4 ±0.05ns	50 ±5 (at 100MHz)	0.15 max.	100 min.	100
LDH65500PAAA-400	0.5 ±0.05ns	50 ±5 (at 100MHz)	0.15 max.	100 min.	100
LDH65600PBAA-400	0.6 ±0.1ns	50 ±5 (at 100MHz)	0.15 max.	100 min.	100
LDH65700PBAA-400	0.7 ±0.1ns	50 ±5 (at 100MHz)	0.20 max.	100 min.	100
LDH65800PBAA-400	0.8 ±0.1ns	50 ±5 (at 100MHz)	0.20 max.	100 min.	100
LDH65900PBAA-400	0.9 ±0.1ns	50 ±5 (at 100MHz)	0.20 max.	100 min.	100
LDH651N00BAA-400	1.0 ±0.1ns	50 ±5 (at 100MHz)	0.20 max.	100 min.	100
LDHA2500PAAA-300	0.5 ±0.05ns	50 ±5 (at 100MHz)	0.15 max.	100 min.	100
LDHA21N00BAA-300	1.0 ±0.1ns	50 ±5 (at 100MHz)	0.20 max.	100 min.	100
LDHA21N50BAA-300	1.5 ±0.1ns	50 ±5 (at 100MHz)	0.30 max.	100 min.	100
LDHA22N00BAA-300	2.0 ±0.1ns	50 ±5 (at 100MHz)	0.40 max.	100 min.	100
LDHA22N50BAA-300	2.5 ±0.1ns	50 ±5 (at 100MHz)	0.40 max.	100 min.	100
LDHA23N00BAA-300	3.0 ±0.1ns	50 ±10 (at 100MHz)	0.75 max.	100 min.	100
LDHA24N00BAA-300	4.0 ±0.1ns	50 ±10 (at 100MHz)	1.00 max.	100 min.	100
LDHA25N00BAA-300	5.0 ±0.1ns	50 ±10 (at 100MHz)	1.25 max.	100 min.	100
LDHA26N00CAA-300	6.0 ±0.2ns	50 ±10 (at 100MHz)	1.50 max.	100 min.	100
LDHA27N00CAA-300	7.0 ±0.2ns	50 ±10 (at 100MHz)	1.75 max.	100 min.	100
LDHA28N00CAA-300	8.0 ±0.2ns	50 ±10 (at 100MHz)	2.00 max.	100 min.	100
LDHA29N00CAA-300	9.0 ±0.2ns	50 ±10 (at 100MHz)	2.25 max.	100 min.	100
LDHA210N0CAA-300	10.0 ±0.2ns	50 ±10 (at 100MHz)	2.50 max.	100 min.	100

Operating Temperature Range : -40°C to +85°C