ML Series

SMD Ceramic Chip Inductor

變更紀錄	日期	版本	製作	檢查	審核
1. 系列 SPEC 發行	2022/04/26	V1	Vincent	Tony	Alan

9F, No.179, Sec. 1, Datong Rd., Xizhi Dist., New Taipei City 221, Taiwan (R.O.C.)
TEL: 886-2-2649-7222 FAX: 886-2-8692-1639 email: alan_lee@ht-tech.com.tw

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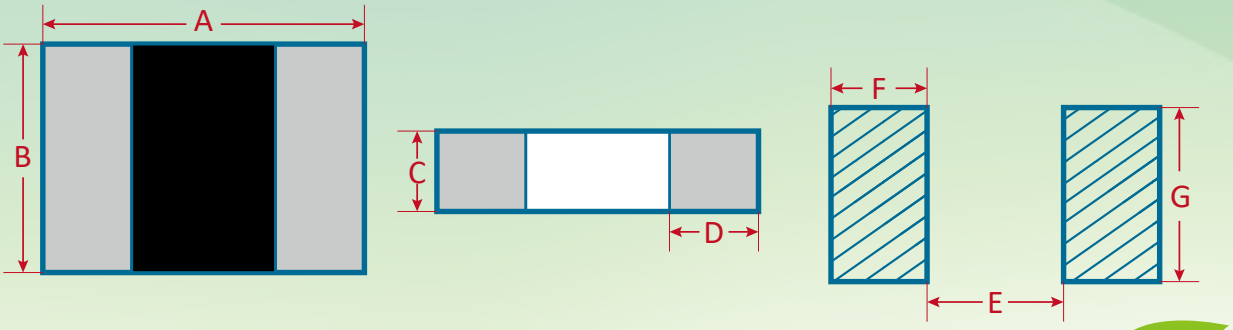
Shape and Dimensions(mm):



RoHS

Item	A	B	C	D	E	F	G
ML01	0.60±0.05	0.30±0.05	0.23±0.05	0.15±0.05	0.30	0.25	0.30±0.2

印字Marking : N/A (會因生產設備不同, 而有所差異)

ML01

Part No.	Inductance (nH)	Q Min.	Test Ferq. (MHz)	DCR(Ω) Max.	SRF(GHz) Typ.	IDC(mA) Max.	Tolerance (±nH or ±%)
ML01□T0N1	0.1	8	500	0.20	9	400	B
ML01□T0N2	0.2	8	500	0.20	9	400	B、C
ML01□T0N3	0.3	8	500	0.20	9	400	B、C
ML01□T0N4	0.4	8	500	0.25	9	350	B、C
ML01□T0N5	0.5	8	500	0.25	9	350	B、C
ML01□T0N6	0.6	8	500	0.25	9	350	B、C
ML01□T0N7	0.7	8	500	0.30	9	300	B、C
ML01□T0N8	0.8	8	500	0.30	9	300	B、C
ML01□T0N9	0.9	8	500	0.30	9	300	B、C
ML01□T1N0	1.0	8	500	0.30	9	300	B、C
ML01□T1N1	1.1	8	500	0.35	9	300	B、C
ML01□T1N2	1.2	8	500	0.35	9	300	B、C
ML01□T1N3	1.3	8	500	0.45	9	250	B、C
ML01□T1N4	1.4	8	500	0.45	9	250	B、C
ML01□T1N5	1.5	8	500	0.45	9	250	B、C
ML01□T1N6	1.6	8	500	0.55	9	200	B、C
ML01□T1N7	1.7	8	500	0.55	9	200	B、C
ML01□T1N8	1.8	8	500	0.55	9	200	B、C
ML01□T1N9	1.9	8	500	0.55	9	200	B、C
ML01□T2N0	2.0	8	500	0.70	8	200	B、C
ML01□T2N1	2.1	8	500	0.70	8	200	B、C
ML01□T2N2	2.2	8	500	0.70	8	200	B、C
ML01□T2N3	2.3	8	500	0.80	8	150	B、C
ML01□T2N4	2.4	8	500	0.80	8	150	B、C
ML01□T2N5	2.5	8	500	0.80	8	150	B、C

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Part No.	Inductance (nH)	Q Min.	Test Ferq. (MHz)	DCR(Ω) Max.	SRF(GHz) Typ.	IDC(mA) Max.	Tolerance (±nH or ±%)
ML01□T2N6	2.6	8	500	0.80	8	150	B、C
ML01□T2N7	2.7	8	500	0.80	8	150	B、C
ML01□T2N8	2.8	8	500	1.00	6	150	B、C
ML01□T2N9	2.9	8	500	1.00	6	150	B、C
ML01□T3N0	3.0	8	500	1.00	6	150	B、C
ML01□T3N1	3.1	8	500	1.00	6	150	B、C
ML01□T3N2	3.2	8	500	1.00	6	150	B、C
ML01□T3N3	3.3	8	500	1.00	6	150	B、C
ML01□T3N4	3.4	8	500	1.20	6	150	B、C
ML01□T3N5	3.5	8	500	1.20	6	150	B、C
ML01□T3N6	3.6	8	500	1.20	6	150	B、C
ML01□T3N7	3.7	8	500	1.20	6	150	B、C
ML01□T3N8	3.8	8	500	1.20	6	150	B、C
ML01□T3N9	3.9	8	500	1.20	6	150	B、C
ML01□T4N0	4.0	8	500	1.20	6	150	B、C
ML01□T4N4	4.4	8	500	1.30	6	140	B、C
ML01□T4N7	4.7	8	500	1.40	6	130	B、C
ML01□T4N9	4.9	8	500	1.60	6	130	B、C
ML01□T5N6	5.6	8	500	1.80	4	130	G、H
ML01□T6N1	6.1	8	500	2.00	4	120	G、H
ML01□T6N8	6.8	8	500	2.30	4	110	G、H
ML01□T7N4	7.4	8	500	2.80	4	110	G、H
ML01□T8N2	8.2	8	500	3.00	3	110	G、H
ML01□T9N1	9.1	8	500	3.25	3	100	G、H
ML01□T9N2	9.2	8	500	3.25	3	100	G、H
ML01□T10N	10	8	500	3.50	2	80	G、H

Ordering information

ML - 01 - B - T - 1N0

(1) (2) (3) (4) (5)

(1) Type : Surface Mountable Type

(2) Size : 01(0201) is size

(3) Tolerance : B= ±0.1nH, C= ±0.2nH, G=±2%, H=±3%

(4) Packaging style : Taping Reel

(5) Inductance : 1N0 for 1.0nH, 10N for 10nH, R10 for 100nH…

Characteristics

- Operating temperature range from -40°C to 85°C (Including self-temperature rise)

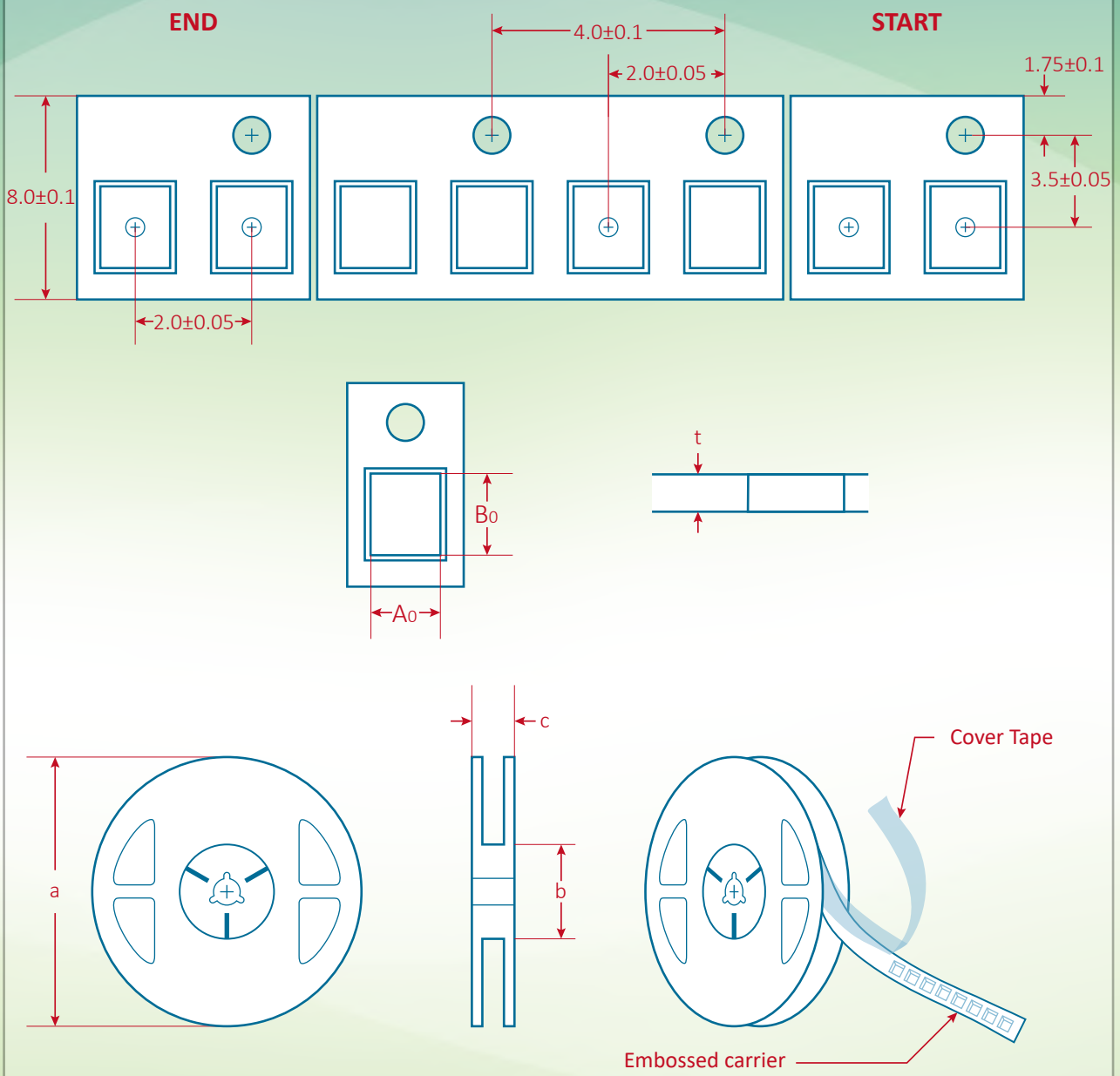
Test equipment

-HP4287A + Agilent 16196C

ML01

Packing

Dimensions in mm



Item	A0	B0	t	a	b	c
ML01	0.40±0.05	0.70±0.05	0.42±0.02	178±1.0	60+1.0	11.5±1.0
Reel						
Q'ty(Pcs)						
10,000						

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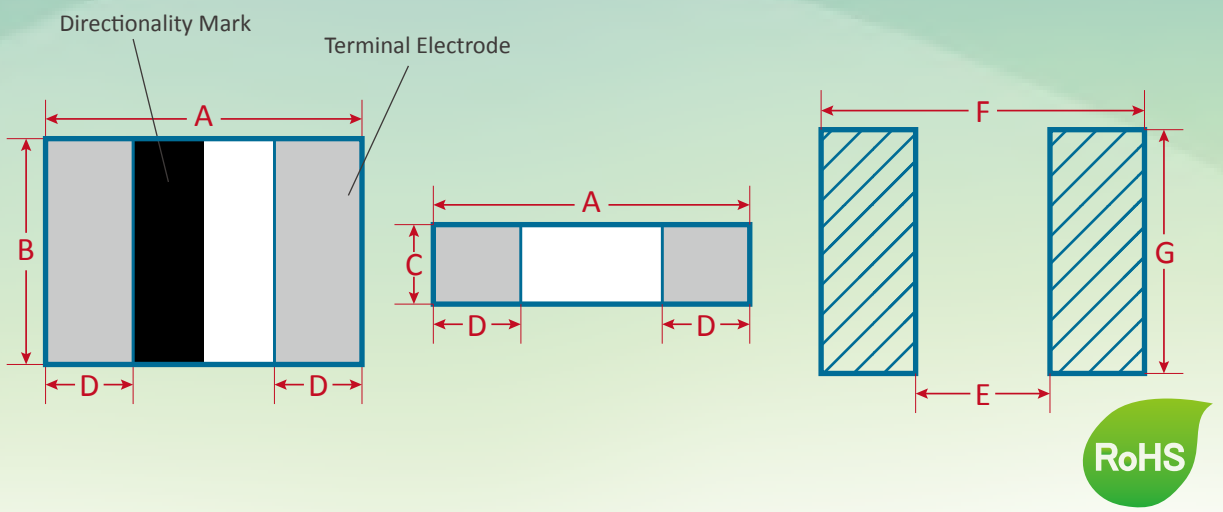

RoHS

Item	A	B	C	D	E	F	G
ML01	0.6±0.03	0.3±0.03	0.3±0.03	0.15±0.05	0.3 Typ.	1.05 Typ.	0.3 Typ.

印字Marking : N/A (會因生產設備不同, 而有所差異)

ML01

Part No.	Inductance (nH)	Q Min.	Test Ferq. (MHz)	DCR(mΩ) Max.	SRF(MHz) Min.	Irms(A) Max.	Tolerance (±%)
ML01ST1N0	1.0	4.0	100	110	>10000	0.47	0.3nH
ML01ST1N2	1.2	4.0	100	120	>10000	0.45	0.3nH
ML01ST1N5	1.5	4.0	100	130	>10000	0.43	0.3nH
ML01ST1N8	1.8	4.0	100	160	>10000	0.39	0.3nH
ML01ST2N0	2.0	4.0	100	170	>10000	0.38	0.3nH
ML01ST2N2	2.2	4.0	100	190	8800	0.36	0.3nH
ML01ST2N4	2.4	4.0	100	200	8300	0.35	0.3nH
ML01ST2N7	2.7	4.0	100	210	7700	0.34	0.3nH
ML01ST3N0	3.0	4.0	100	220	7200	0.33	0.3nH
ML01ST3N3	3.3	4.0	100	230	6700	0.32	0.3nH
ML01ST3N6	3.6	4.0	100	250	6400	0.31	0.3nH
ML01ST3N9	3.9	4.0	100	270	6000	0.3	0.3nH
ML01ST4N3	4.3	4.0	100	300	5700	0.28	0.3nH
ML01ST4N7	4.7	4.0	100	300	5300	0.28	0.3nH
ML01ST5N1	5.1	4.0	100	330	5000	0.27	0.3nH
ML01ST5N6	5.6	4.0	100	360	4600	0.26	0.3nH
ML01ST6N2	6.2	4.0	100	380	4200	0.25	0.3nH
ML01JT6N8	6.8	4.0	100	390	3900	0.25	5
ML01JT7N5	7.5	4.0	100	410	3600	0.24	5
ML01JT8N2	8.2	4.0	100	450	3400	0.23	5
ML01JT9N1	9.1	4.0	100	480	3200	0.22	5
ML01JT10N	10	4.0	100	510	2900	0.22	5
ML01JT12N	12	4.0	100	680	2700	0.19	5
ML01JT15N	15	4.0	100	710	2300	0.18	5
ML01JT18N	18	4.0	100	810	2100	0.17	5
ML01JT22N	22	4.0	100	1000	1800	0.15	5

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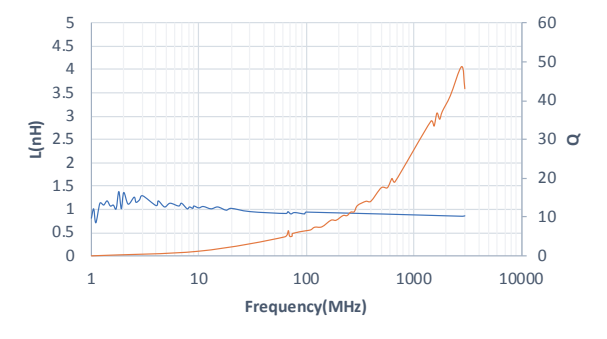
Part No.	Inductance (nH)	Q Min.	Test Ferq. (MHz)	DCR(mΩ) Max.	SRF(MHz) Min.	Irms(A) Max.	Tolerance (±%)
ML01JT27N	27	4.0	100	1350	1800	0.12	5
ML01JT33N	33	4.0	100	1470	1700	0.11	5
ML01JT39N	39	4.0	100	1720	1500	0.1	5
ML01JT47N	47	4.0	100	1900	1300	0.1	5
ML01JT56N	56	4.0	100	2270	1100	0.08	5
ML01JT68N	68	4.0	100	2660	1100	0.08	5
ML01JT82N	82	4.0	100	3370	1000	0.07	5
ML01JTR10	100	4.0	100	3740	900	0.06	5

ML01ST1N0



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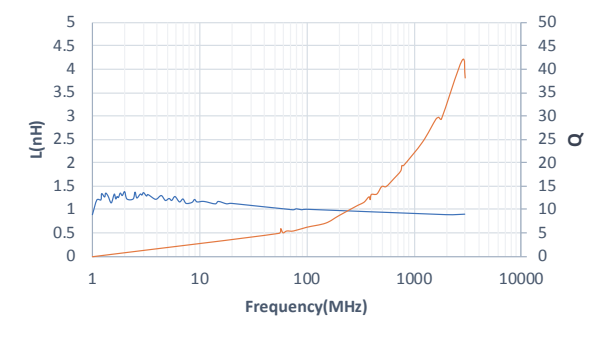

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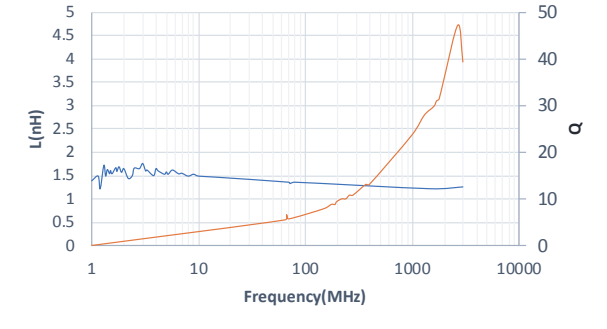

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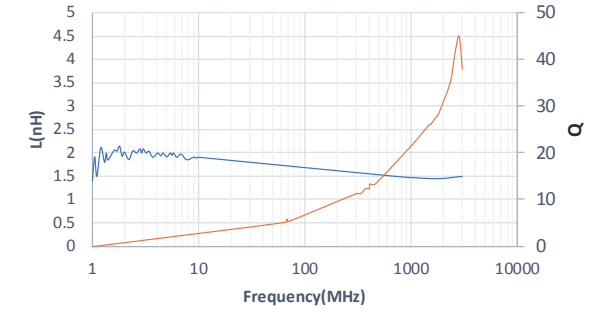

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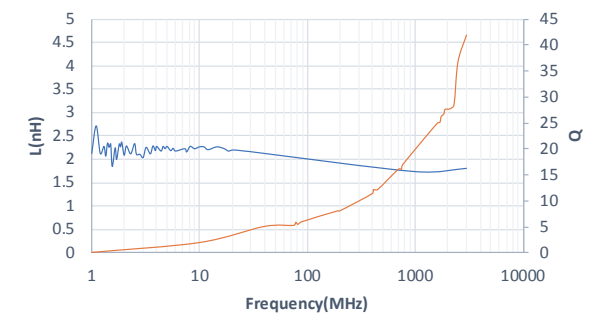

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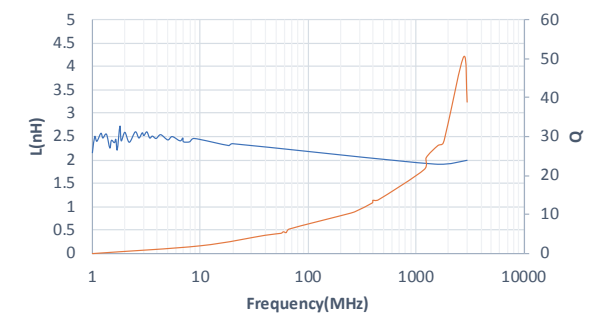

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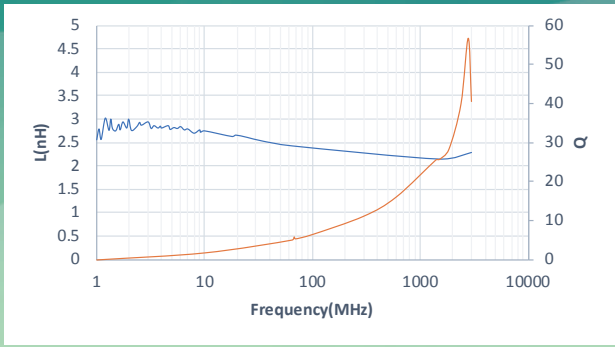

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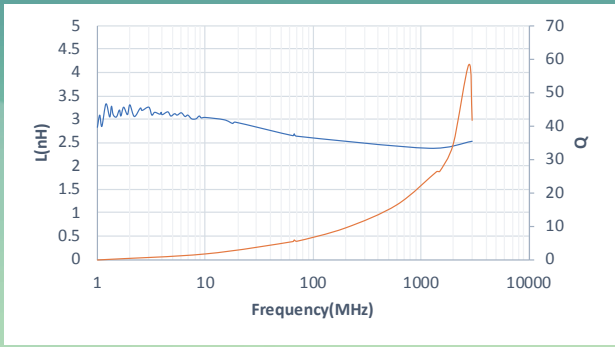

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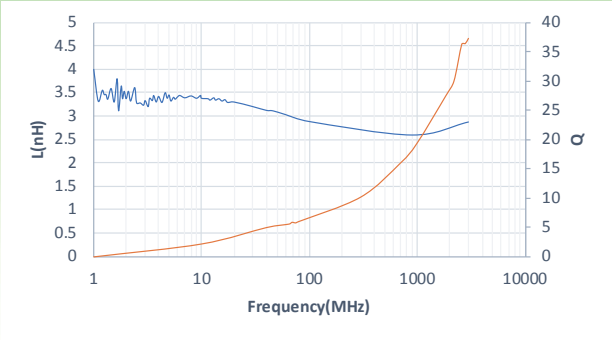

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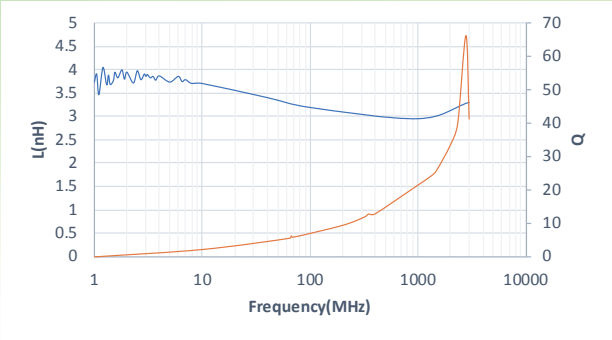

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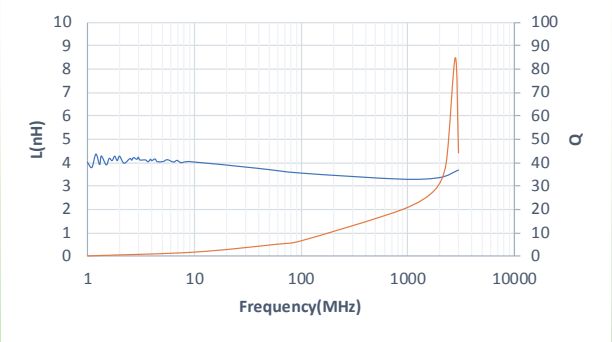

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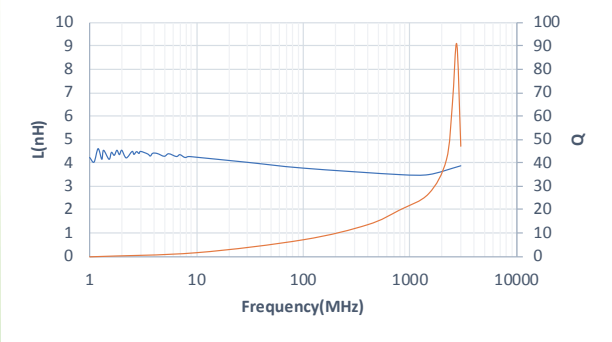

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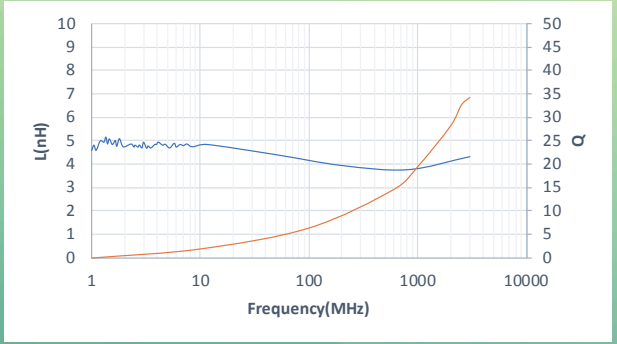

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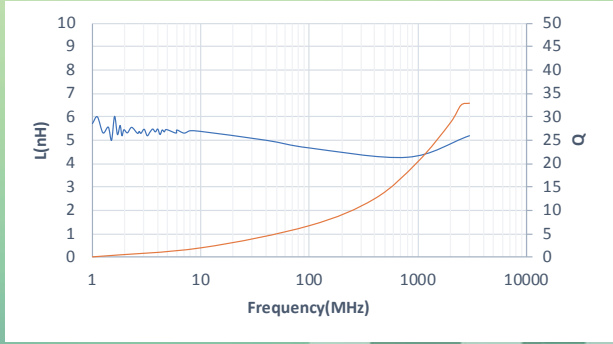

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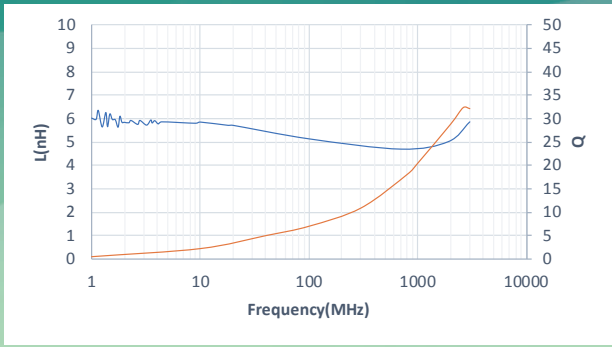

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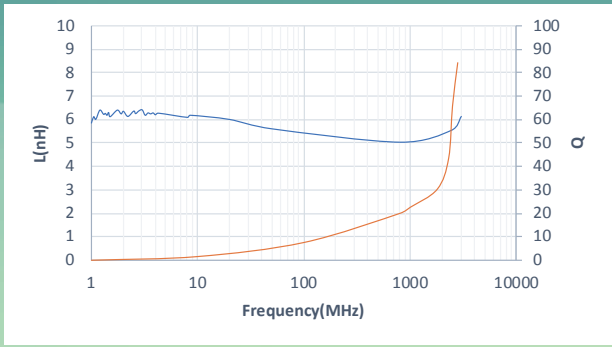

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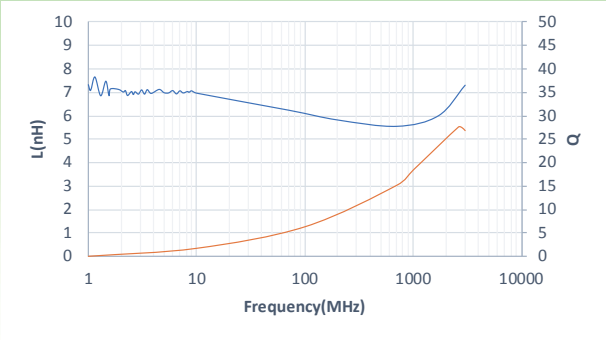

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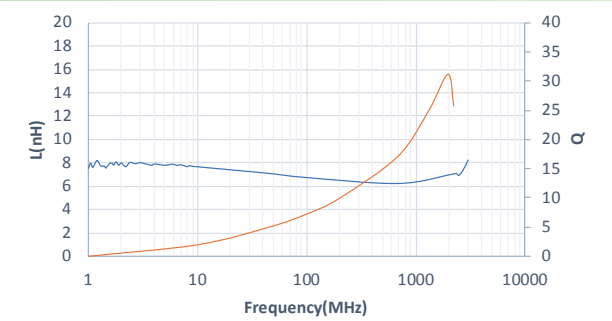

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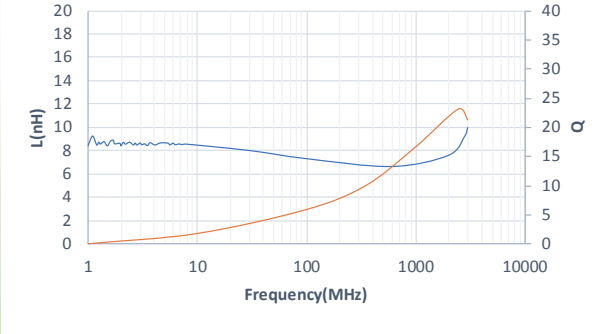

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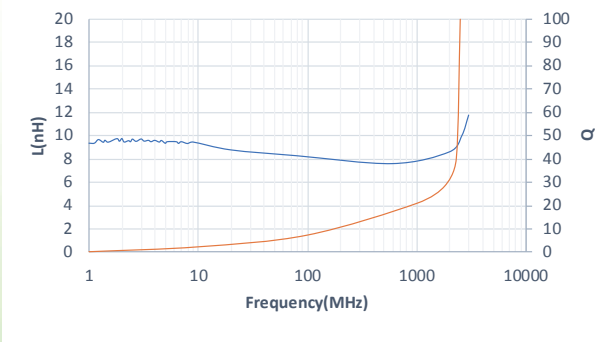

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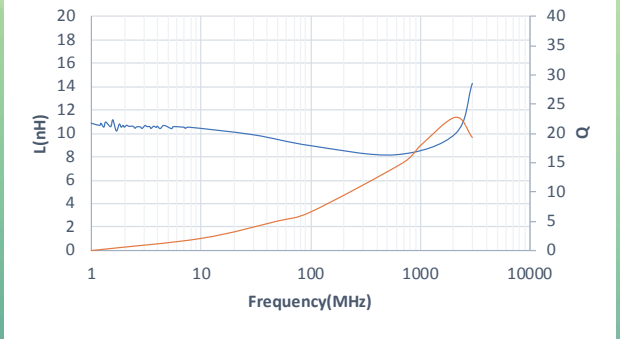

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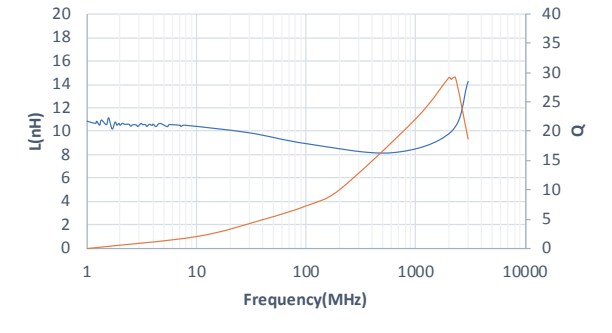

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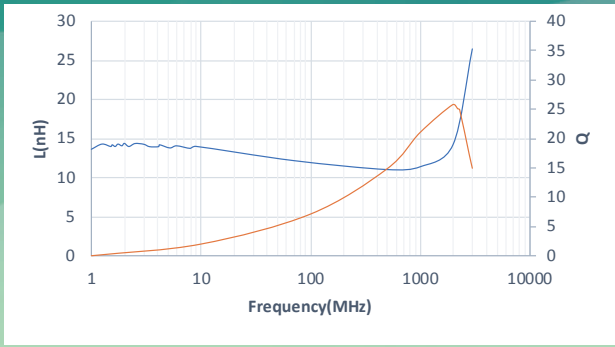

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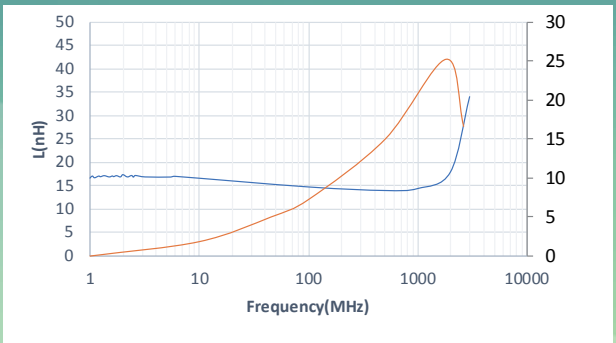

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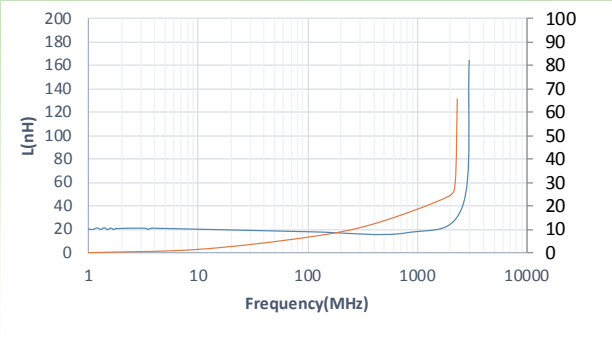

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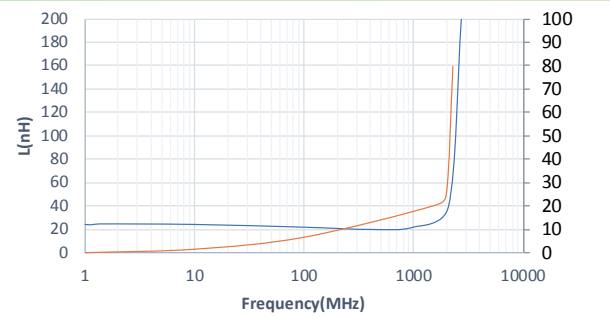

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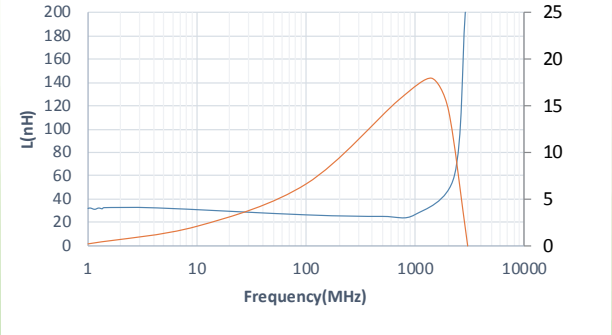

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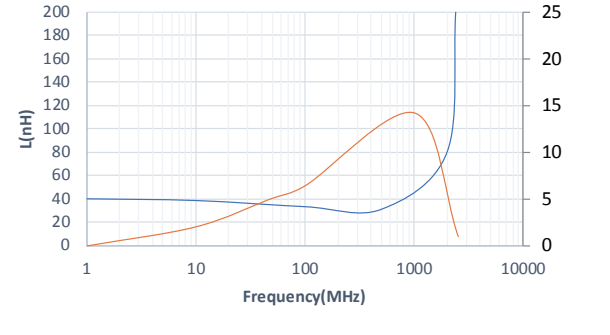

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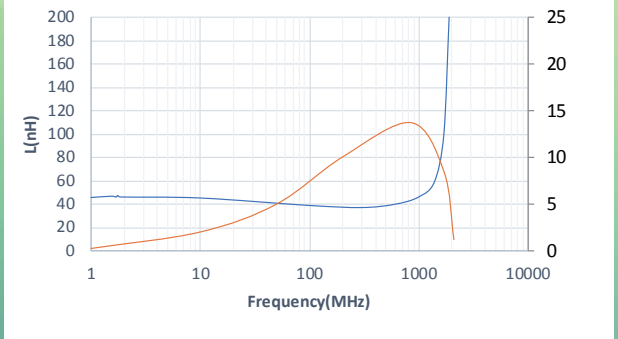

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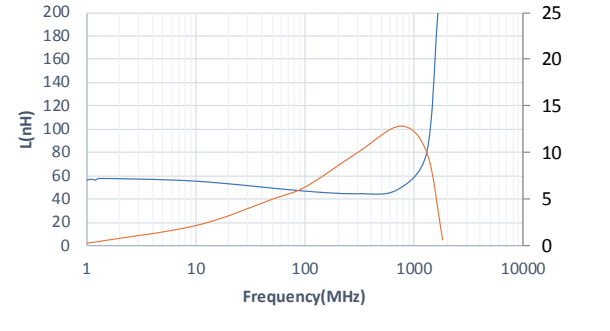

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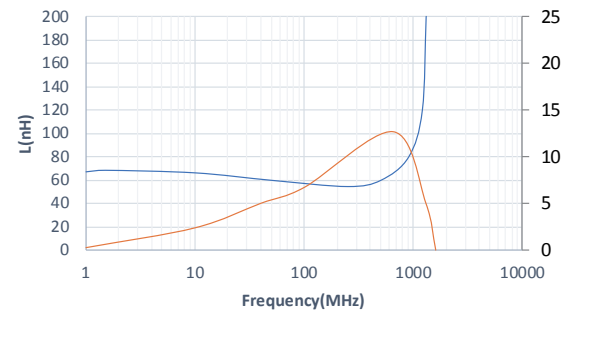
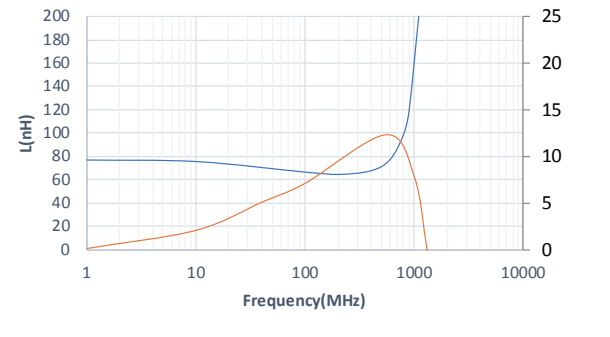


ML01JT68N



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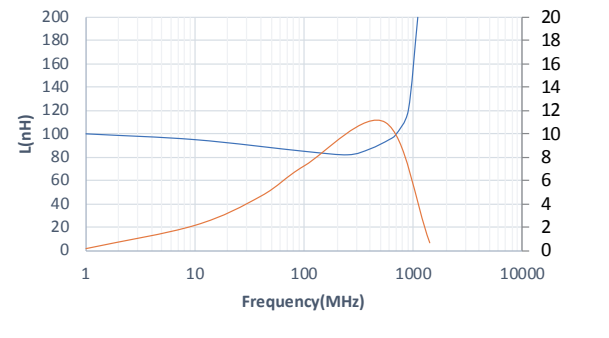
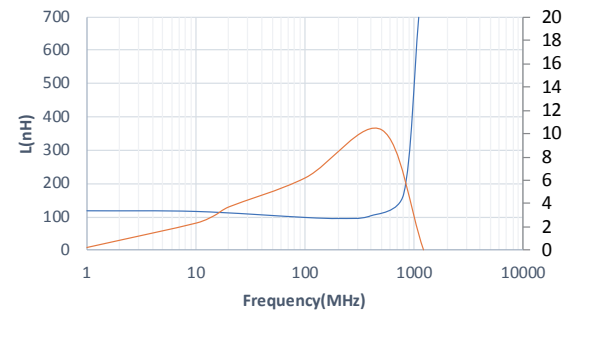


ML01JTR10



Ordering information

ML - 01 - S - T - 1N0

(1) (2) (3) (4) (5)

(1) Type : Surface Mountable Type
(2) Size : 01(0201) is size
(3) Tolerance : S= ±0.3nH, J=5%
(4) Packaging style : Taping Reel
(5) Inductance : 1N0 for 1.0nH, 10N for 10nH, R10 for 100nH…

Characteristics

- Irms : Applied the current to coils, the temperature rise shall not be more than 30°C
- Operating temperature range from -55°C to 125°C (Including self-temperature rise)
- Residual impedance of short chip : 0.19nH

Test equipment

- L and Q : Agilent E4991A+Agilent 16197A
- SRF : Agilent E4991A or HP19196C
- DCR : HP4338B or CHEN HWA 502

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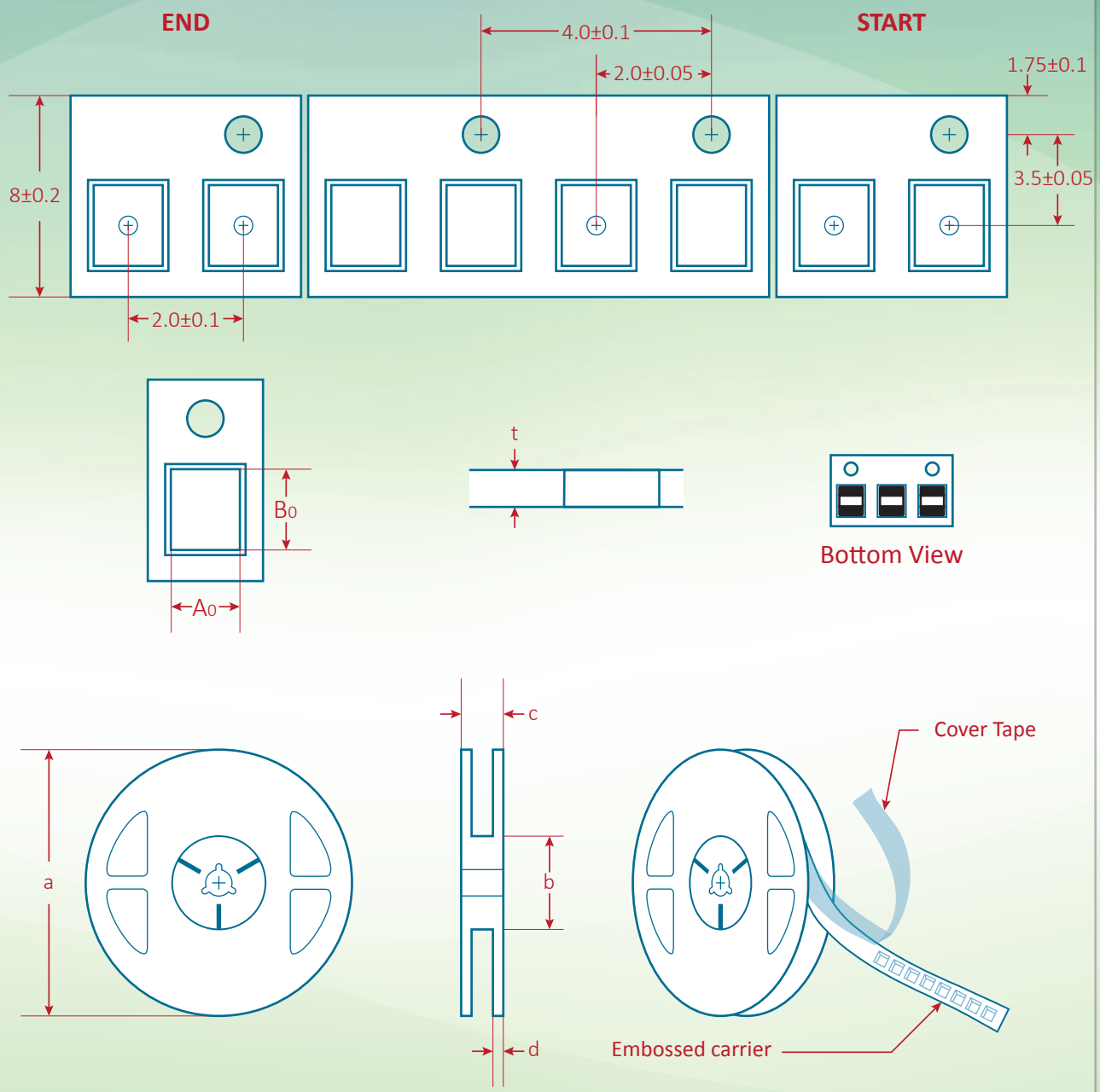
Packing

Dimensions in mm



Item	A_0	B_0	t	a	b	c	d
ML01	0.37±0.1	0.67±0.1	0.42±0.05	180	60	13	1.5
Reel							
Q'ty(Pcs)							
15,000							

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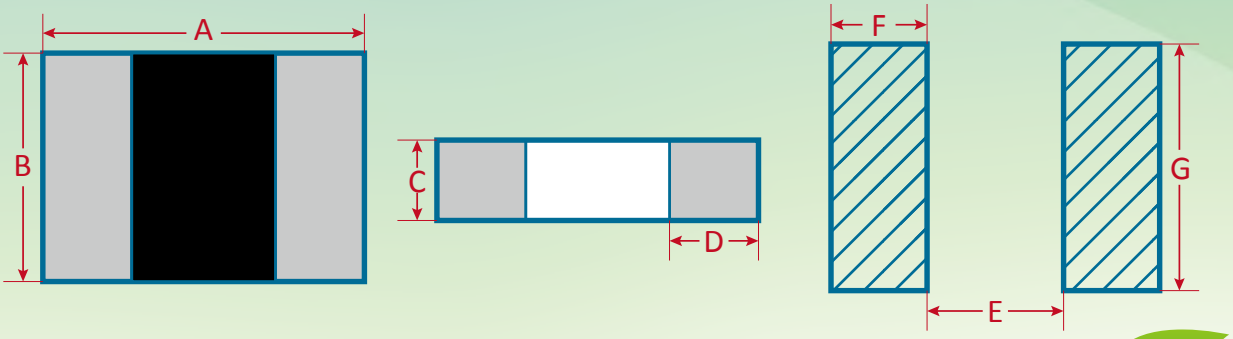
ML Series

SMD Ceramic Chip Inductor

Shape and Dimensions(mm):



RoHS

Item	A	B	C	D	E	F	G
ML02	1.0±0.05	0.5±0.05	0.32±0.05	0.2±0.1	0.5	0.45	0.6±0.2

印字Marking : N/A (會因生產設備不同, 而有所差異)

ML02

Part No.	Inductance (nH)	Q Min.	Test Ferq. (MHz)	DCR(Ω) Max.	SRF(GHz) Typ.	IDC(mA) Max.	Tolerance (nH or ±%)
ML02□T0N2	0.2	13	500	0.10	14	800	B、C
ML02□T0N3	0.3	13	500	0.10	14	800	B、C
ML02□T0N4	0.4	13	500	0.10	14	800	B、C
ML02□T0N5	0.5	13	500	0.15	14	700	B、C
ML02□T0N6	0.6	13	500	0.15	14	700	B、C
ML02□T0N8	0.8	13	500	0.15	14	700	B、C
ML02□T0N9	0.9	13	500	0.15	14	700	B、C
ML02□T1N0	1.0	13	500	0.15	12	700	B、C
ML02□T1N1	1.1	13	500	0.15	12	700	B、C
ML02□T1N2	1.2	13	500	0.15	12	700	B、C
ML02□T1N3	1.3	13	500	0.25	10	700	B、C
ML02□T1N4	1.4	13	500	0.25	10	700	B、C
ML02□T1N5	1.5	13	500	0.25	10	700	B、C
ML02□T1N6	1.6	13	500	0.25	10	560	B、C
ML02□T1N7	1.7	13	500	0.25	10	560	B、C
ML02□T1N8	1.8	13	500	0.25	10	560	B、C
ML02□T1N9	1.9	13	500	0.35	8	560	B、C
ML02□T2N0	2.0	13	500	0.35	8	560	B、C
ML02□T2N1	2.1	13	500	0.35	8	440	B、C
ML02□T2N2	2.2	13	500	0.35	8	440	B、C
ML02□T2N3	2.3	13	500	0.35	8	440	B、C
ML02□T2N4	2.4	13	500	0.35	8	440	B、C
ML02□T2N5	2.5	13	500	0.35	8	440	B、C
ML02□T2N6	2.6	13	500	0.35	8	440	B、C
ML02□T2N7	2.7	13	500	0.35	8	440	B、C

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Part No.	Inductance (nH)	Q Min.	Test Ferq. (MHz)	DCR(Ω) Max.	SRF(GHz) Typ.	IDC(mA) Max.	Tolerance (nH or ±%)
ML02□T2N8	2.8	13	500	0.45	6	380	B、C
ML02□T2N9	2.9	13	500	0.45	6	380	B、C
ML02□T3N0	3.0	13	500	0.45	6	380	B、C
ML02□T3N1	3.1	13	500	0.45	6	380	B、C
ML02□T3N2	3.2	13	500	0.45	6	380	B、C
ML02□T3N3	3.3	13	500	0.45	6	380	B、C
ML02□T3N4	3.4	13	500	0.55	6	380	B、C
ML02□T3N5	3.5	13	500	0.55	6	380	B、C
ML02□T3N6	3.6	13	500	0.55	6	380	B、C
ML02□T3N7	3.7	13	500	0.55	6	340	B、C
ML02□T3N8	3.8	13	500	0.55	6	340	B、C
ML02□T3N9	3.9	13	500	0.55	6	340	B、C
ML02□T4N3	4.3	13	500	0.65	6	320	B、C
ML02□T4N7	4.7	13	500	0.65	6	320	B、C
ML02□T5N4	5.4	13	500	0.85	6	280	B、C
ML02□T5N6	5.6	13	500	0.85	6	280	B、C
ML02□T5N9	5.9	13	500	0.85	6	280	B、C
ML02□T6N5	6.5	13	500	1.05	6	260	B、C
ML02□T6N8	6.8	13	500	1.05	6	260	B、C
ML02□T7N2	7.2	13	500	1.05	6	260	B、C
ML02□T8N0	8.0	13	500	1.25	5.5	220	B、C
ML02□T8N1	8.1	13	500	1.25	5.5	220	B、C
ML02□T8N2	8.2	13	500	1.25	5.5	220	B、C
ML02□T9N1	9.1	13	500	1.25	5.5	220	B、C
ML02□T10N	10	13	500	1.35	4.5	200	F、G、H
ML02□T10N8	10.8	13	500	1.35	4.5	200	F、G、H
ML02□T12N	12	13	500	1.55	3.7	180	F、G、H
ML02□T13N8	13.8	13	500	1.75	3.7	180	F、G、H
ML02□T15N	15	13	500	1.75	3.3	130	F、G、H
ML02□T17N	17	13	500	1.95	3.1	100	F、G、H
ML02□T18N	18	13	500	2.15	3.1	100	F、G、H
ML02□T20N8	20.8	13	500	2.55	2.8	90	F、G、H
ML02□T22N	22	13	500	2.65	2.8	90	F、G、H
ML02□T27N	27	13	500	3.25	2.5	75	F、G、H

Ordering information

ML - 02 - B - T - 1N0

(1) (2) (3) (4) (5)

(1) Type : Surface Mountable Type

(2) Size : 02(0402) is size

(3) Tolerance : B= ±0.1nH, C= ±0.2nH, F=±1%, G=±2%, H=±3%

(4) Packaging style : Taping Reel

(5) Inductance : 1N0 for 1.0nH, 10N for 10nH, R10 for 100nH…

Characteristics

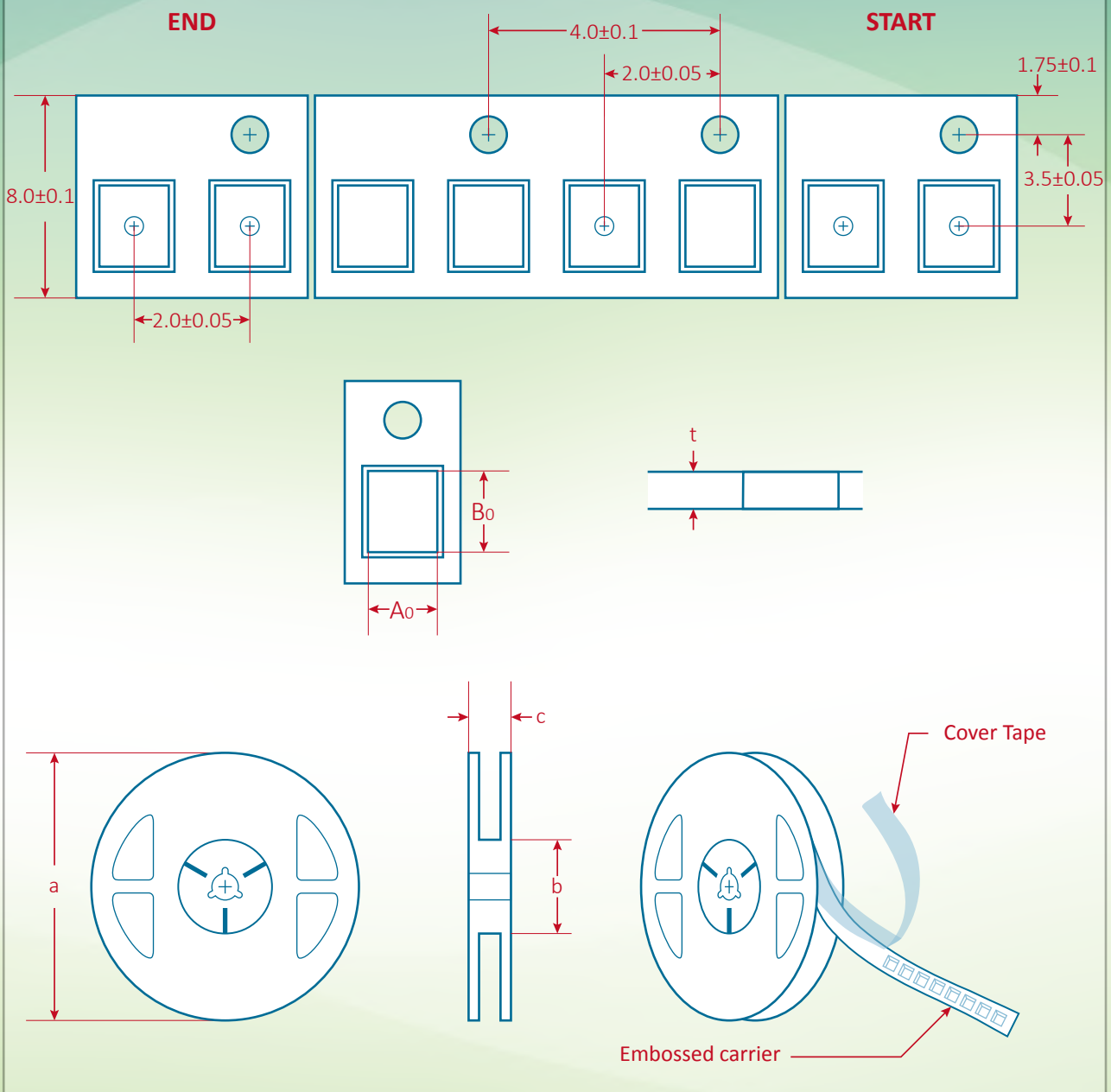
- Operating temperature range from -40°C to 85°C (Including self-temperature rise)

Test equipment

-HP4287A + Agilent 16196B

Packing

Dimensions in mm

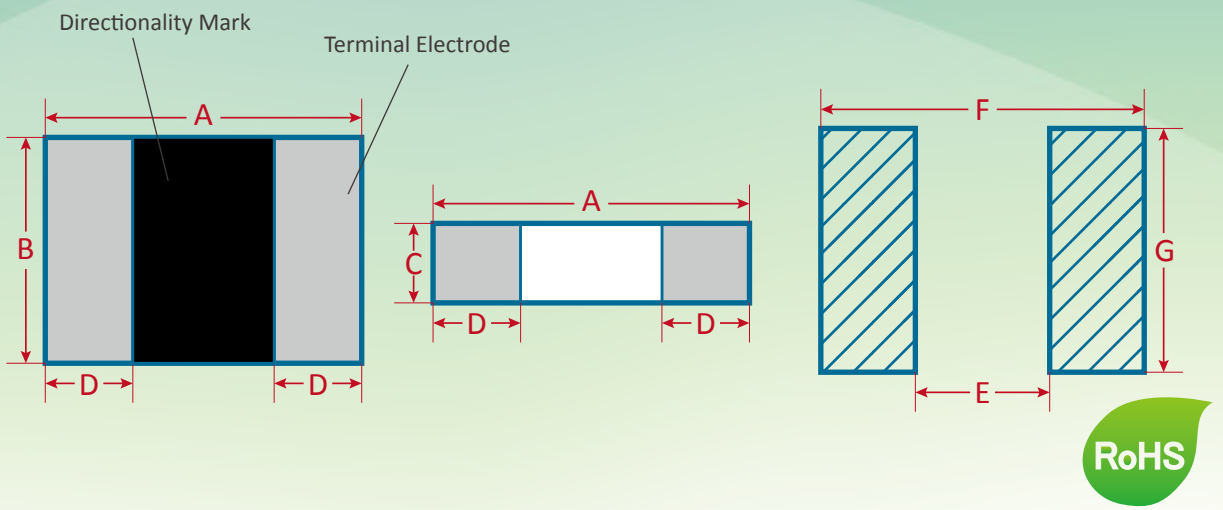


Item	A0	B0	t	a	b	c
ML02	0.70±0.05	1.16±0.05	0.43±0.03	178±1.0	60+1.0	11.5±1.0
Reel						
Q'ty(Pcs)						
10,000						

ML Series

SMD Ceramic Chip Inductor

Shape and Dimensions(mm):



Item	A	B	C	D	E	F	G
ML02	1.0±0.1	0.5±0.1	0.5±0.1	0.25±0.1	0.4 Typ.	1.4 Typ.	0.5 Typ.

印字Marking : N/A (會因生產設備不同, 而有所差異)

ML02

Part No.	Inductance (nH)	Q Min.	Test Ferq. (MHz)	DCR(mΩ) Max.	SRF(MHz) Typ.	Idc(A) Max.	Tolerance (±%)
ML02ST1N0	1.0	8.0	100	70	10000	0.4	0.3nH
ML02ST1N1	1.1	8.0	100	100	10000	0.4	0.3nH
ML02ST1N2	1.2	8.0	100	90	10000	0.4	0.3nH
ML02ST1N3	1.3	8.0	100	100	9000	0.4	0.3nH
ML02ST1N5	1.5	8.0	100	100	9000	0.4	0.3nH
ML02ST1N6	1.6	8.0	100	100	8700	0.4	0.3nH
ML02ST1N8	1.8	8.0	100	100	8700	0.4	0.3nH
ML02ST2N0	2.0	8.0	100	100	8100	0.4	0.3nH
ML02ST2N2	2.2	8.0	100	120	8100	0.4	0.3nH
ML02ST2N4	2.4	8.0	100	150	7700	0.4	0.3nH
ML02ST2N7	2.7	8.0	100	150	7700	0.4	0.3nH
ML02ST3N0	3.0	8.0	100	150	6300	0.4	0.3nH
ML02ST3N3	3.3	8.0	100	150	6300	0.4	0.3nH
ML02ST3N6	3.6	8.0	100	150	6100	0.4	0.3nH
ML02ST3N9	3.9	8.0	100	180	6100	0.4	0.3nH
ML02ST4N3	4.3	8.0	100	180	6000	0.4	0.3nH
ML02ST4N7	4.7	8.0	100	180	6000	0.4	0.3nH
ML02ST5N0	5.0	8.0	100	200	5100	0.4	0.3nH
ML02ST5N1	5.1	8.0	100	200	5300	0.4	0.3nH
ML02ST5N6	5.6	8.0	100	200	5100	0.4	0.3nH
ML02JT6N8	6.8	8.0	100	240	4550	0.4	5
ML02JT8N0	8.0	8.0	100	300	4100	0.3	5
ML02JT8N2	8.2	8.0	100	240	4100	0.3	5
ML02JT9N1	9.1	8.0	100	260	3900	0.3	5
ML02JT10N	10	8.0	100	260	3900	0.3	5

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Part No.	Inductance (nH)	Q Min.	Test Ferq. (MHz)	DCR(mΩ) Max.	SRF(MHz) Typ.	Idc(A) Max.	Tolerance (±%)
ML02JT12N	12	8.0	100	400	3000	0.3	5
ML02JT15N	15	8.0	100	500	2800	0.3	5
ML02JT18N	18	8.0	100	550	2500	0.3	5
ML02JT22N	22	8.0	100	700	2200	0.3	5
ML02JT24N	24	8.0	100	700	2100	0.3	5
ML02JT27N	27	8.0	100	800	2000	0.3	5
ML02JT33N	33	8.0	100	900	1800	0.2	5
ML02JT39N	39	8.0	100	1000	1600	0.15	5
ML02JT47N	47	8.0	100	1200	1400	0.15	5
ML02JT56N	56	8.0	100	1300	1300	0.15	5
ML02JT68N	68	8.0	100	1500	1100	0.1	5
ML02JT75N	75	8.0	100	1500	1080	0.1	5
ML02JT82N	82	8.0	100	1600	1000	0.1	5
ML02JTR10	100	8.0	100	2000	900	0.1	5
ML02JTR12	120	8.0	100	2200	800	0.1	5
ML02JTR15	150	8.0	100	3500	700	0.1	5
ML02JTR18	180	8.0	100	3800	600	0.1	5
ML02JTR22	220	8.0	100	4200	500	0.1	5
ML02JTR27	270	8.0	100	4800	500	0.1	5

Ordering information

ML - 02 - S - T - 1N0

(1) (2) (3) (4) (5)

(1) Type : Surface Mountable Type
(2) Size : 02(0402) is size
(3) Tolerance : S= ±0.3nH, J=5%
(4) Packaging style : Taping Reel
(5) Inductance : 1N0 for 1.0nH, 10N for 10nH, R10 for 100nH…

Characteristics

- Idc : Applied the current to coils, the inductance shall be less than 10% initial value
- Operating temperature range from -55°C to 125°C (Including self-temperature rise)

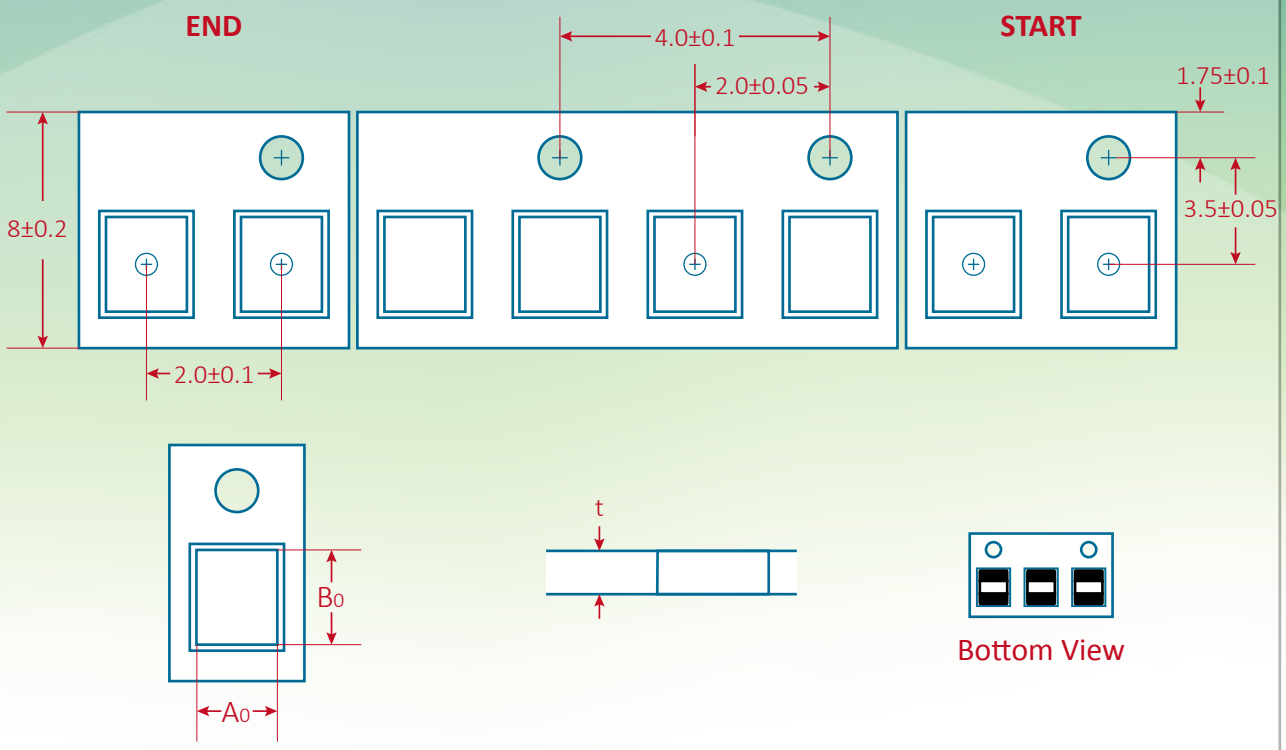
Test equipment

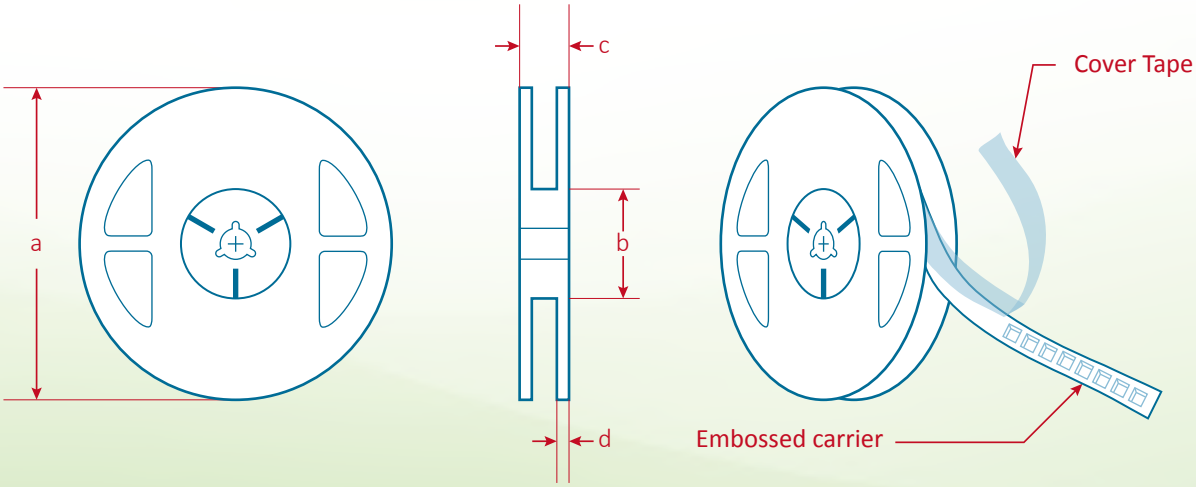
- L and Q : Agilent E4991A+Agilent 16197A
- SRF : HP8753D
- DCR : HP4338B or CHEN HWA 502

ML02

Packing

Dimensions in mm



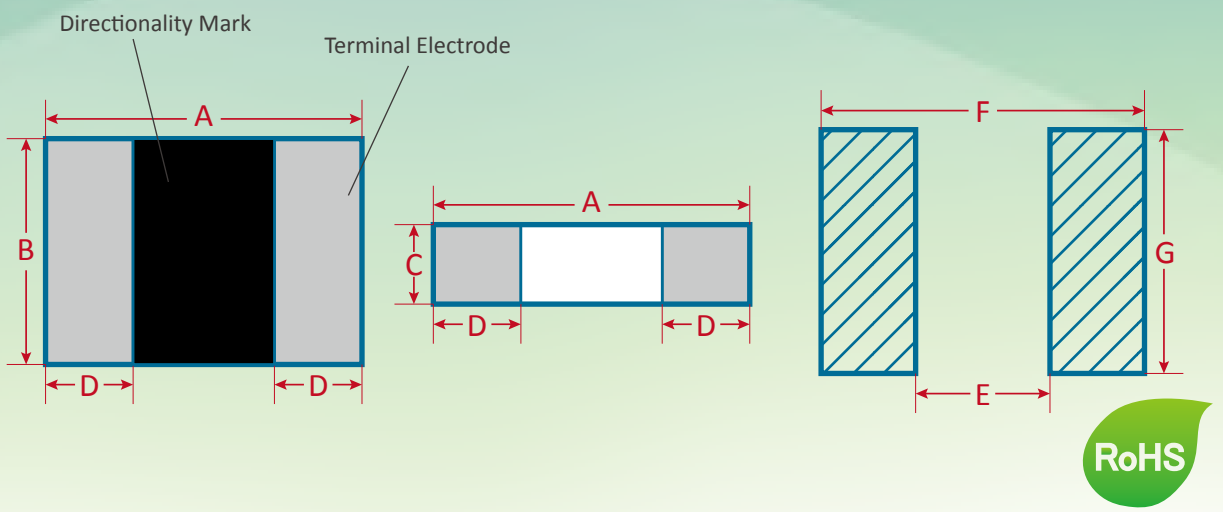


Item	A0	B0	t	a	b	c	d
ML02	0.62±0.1	1.12±0.1	0.6±0.05	178	60	12	1.5
Reel							
Q'ty(Pcs)							
10,000							

ML Series

SMD Ceramic Chip Inductor

Shape and Dimensions(mm):



RoHS

Item	A	B	C	D	E	F	G
ML03	1.6±0.15	0.8±0.15	0.8±0.15	0.3±0.2	0.8 Typ.	2.0 Typ.	0.8 Typ.

印字Marking : N/A (會因生產設備不同, 而有所差異)

ML03

Part No.	Inductance (nH)	Q Min.	Test Ferq. (MHz)	DCR(mΩ) Max.	SRF(MHz) Typ.	Idc(A) Max.	Tolerance (±%)
ML03ST1N0	1.0	8.0	100	100	10000	0.6	0.3nH
ML03ST1N2	1.2	8.0	100	100	10000	0.6	0.3nH
ML03ST1N5	1.5	8.0	100	100	8000	0.6	0.3nH
ML03ST1N6	1.6	8.0	100	100	8000	0.6	0.3nH
ML03ST1N8	1.8	8.0	100	100	8000	0.6	0.3nH
ML03ST2N2	2.2	8.0	100	100	7200	0.6	0.3nH
ML03ST2N7	2.7	10	100	100	6200	0.6	0.3nH
ML03ST3N0	3.0	10	100	120	5200	0.6	0.3nH
ML03ST3N3	3.3	10	100	120	5200	0.6	0.3nH
ML03ST3N6	3.6	10	100	140	5000	0.6	0.3nH
ML03ST3N9	3.9	10	100	140	5000	0.6	0.3nH
ML03ST4N3	4.3	10	100	160	4750	0.6	0.3nH
ML03ST4N7	4.7	10	100	160	4750	0.6	0.3nH
ML03ST5N1	5.1	10	100	180	4100	0.6	0.3nH
ML03ST5N6	5.6	10	100	180	4100	0.6	0.3nH
ML03JT6N2	6.2	10	100	220	3750	0.6	5
ML03JT6N8	6.8	10	100	220	3750	0.6	5
ML03JT7N5	7.5	10	100	240	3300	0.6	5
ML03JT8N2	8.2	10	100	240	3300	0.6	5
ML03JT10N	10	12	100	260	3000	0.6	5
ML03JT12N	12	12	100	280	2600	0.6	5
ML03JT15N	15	12	100	320	2500	0.6	5
ML03JT16N	16	12	100	350	2400	0.6	5
ML03JT18N	18	12	100	350	2400	0.6	5
ML03JT22N	22	12	100	400	2000	0.5	5

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Part No.	Inductance (nH)	Q Min.	Test Ferq. (MHz)	DCR(mΩ) Max.	SRF(MHz) Typ.	Idc(A) Max.	Tolerance (±%)
ML03JT27N	27	12	100	450	1900	0.5	5
ML03JT33N	33	12	100	550	1600	0.4	5
ML03JT39N	39	12	100	600	1400	0.4	5
ML03JT47N	47	12	100	700	1300	0.4	5
ML03JT56N	56	12	100	750	1100	0.4	5
ML03JT62N	62	12	100	850	1050	0.4	5
ML03JT68N	68	12	100	850	1050	0.4	5
ML03JT75N	75	12	100	1000	900	0.3	5
ML03JT82N	82	12	100	1000	900	0.3	5
ML03JTR10	100	12	100	1200	770	0.3	5
ML03JTR12	120	8.0	50	1300	650	0.3	5
ML03JTR15	150	8.0	50	1700	550	0.25	5
ML03JTR18	180	8.0	50	1900	520	0.25	5
ML03JTR22	220	8.0	50	2000	500	0.25	5
ML03JTR27	270	8.0	50	2200	470	0.15	5
ML03JTR33	330	8.0	50	2800	320	0.1	5
ML03JTR39	390	8.0	50	3000	300	0.1	5

Ordering information

ML - 03 - S - T - 1N0

(1) (2) (3) (4) (5)

(1) Type : Surface Mountable Type
(2) Size : 03(0603) is size
(3) Tolerance : S= ±0.3nH, J=5%
(4) Packaging style : Taping Reel
(5) Inductance : 1N0 for 1.0nH, 10N for 10nH, R10 for 100nH...

Characteristics

- Idc : Applied the current to coils, the inductance shall be less than 10% initial value
- Operating temperature range from -55°C to 125°C (Including self- temperature rise)

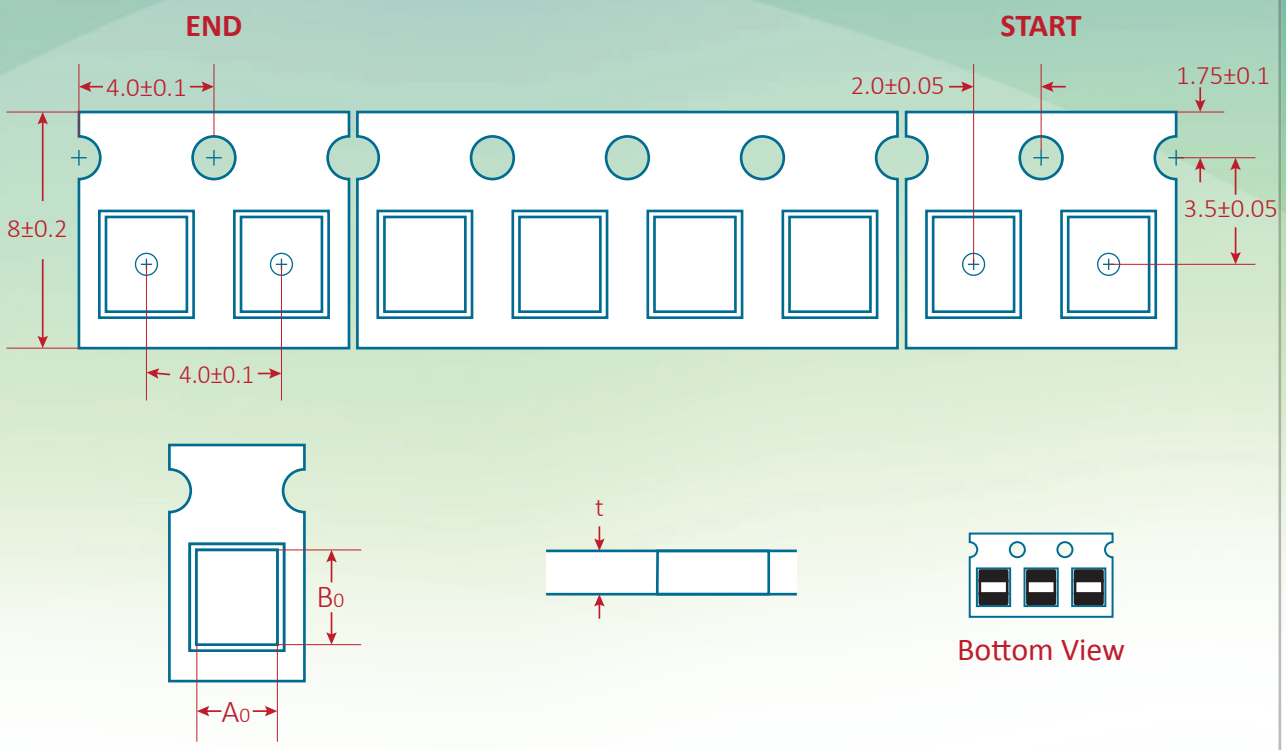
Test equipment

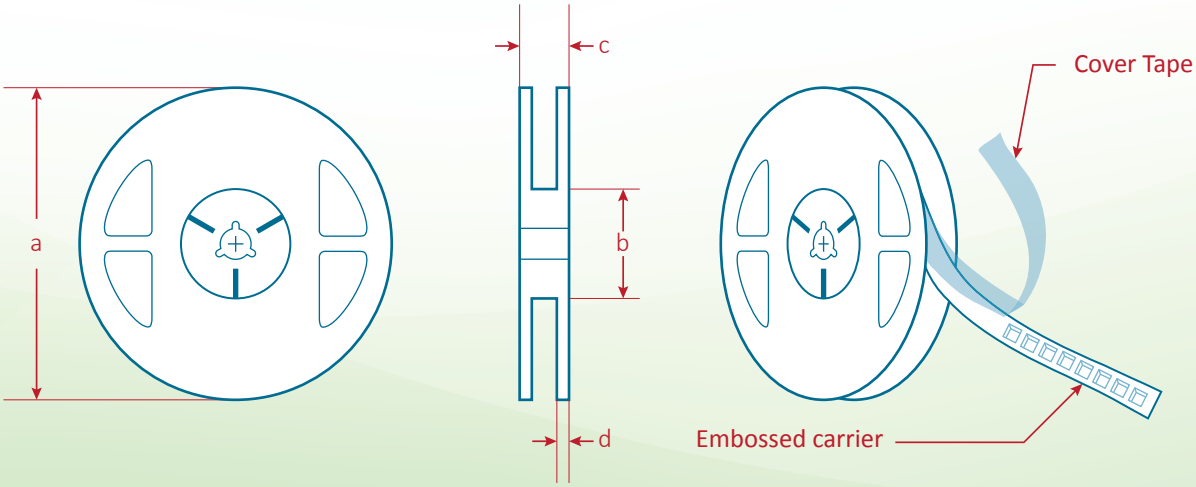
- L and Q : Agilent E4991A+Agilent 16197A
- SRF : HP8753D
- DCR : HP4338B or CHEN HWA 502

9F, No.179, Sec. 1, Datong Rd., Xizhi Dist., New Taipei City 221, Taiwan (R.O.C.)
TEL: 886-2-2649-7222 FAX: 886-2-8692-1639 email: alan_lee@ht-tech.com.tw

Packing

Dimensions in mm





Item	A0	B0	t	a	b	c	d
ML03	1.0±0.1	1.8±0.1	0.95±0.05	178	60	12	1.5
Reel							
Q'ty(Pcs)							
4,000							

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