

LMax Low Profile/High Current Power Inductor



LMLP Series – Style D

FEATURES

- Shielded Construction
- Large Current Rating
- Lower Temperature Rise
- Low Profile
- Available on tape and reel

APPLICATIONS

- Personal Computers
- Servers
- High Current POL Converters
- Low Profile High Current Power Supplies
- DC/DC Converters
- DC/DC Converters for FPGA

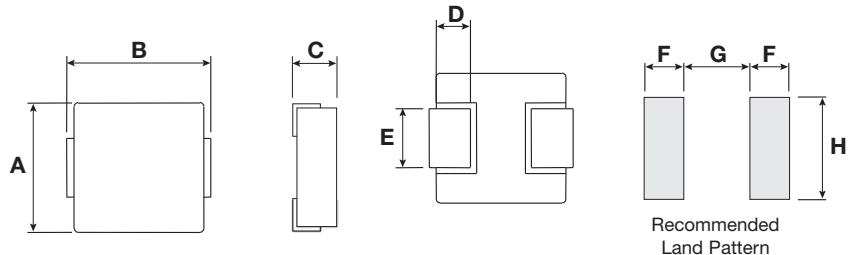
INDUCTANCE AND RATED CURRENT RANGES

• 0405	0.1 μ H ~ 3.3 μ H	22 ~ 4 A
• 05A6	0.1 μ H ~ 4.7 μ H	45 ~ 5 A
• 0506	0.1 μ H ~ 4.7 μ H	27 ~ 8.2 A
• 0707	0.1 μ H ~ 4.7 μ H	40 ~ 8 A
• 07A7	0.1 μ H ~ 10 μ H	50 ~ 7 A
• 07B7	0.1 μ H ~ 10 μ H	60 ~ 7 A
• 07C7	0.56 μ H ~ 10 μ H	12 ~ 4.5 A
• 1011	0.19 μ H ~ 47 μ H	90 ~ 3 A
• 13A3	0.1 μ H ~ 10 μ H	84 ~ 14 A
• 1313	0.1 μ H ~ 10 μ H	118 ~ 16 A
• 13B3	0.1 μ H ~ 10 μ H	120 ~ 15.5 A

- All test data taken at 25°C
- Operating Temperature Range:
-55°C ~ +155°C
- I_{SAT} : The current that causes an inductance drop of approximately 25% (30% on 0405 size).
- I_{DC} : DC Current that causes an approximate ΔT of 40°C.



DIMENSIONS



Recommended Land Pattern

mm (inches)

Type	A	B	C	D	E	F	G	H
0405	4.10±0.50 (0.161±0.020)	4.50±0.50 (0.177±0.020)	2.10 (0.083)	0.80±0.50 (0.031±0.020)	1.50±0.50 (0.059±0.020)	1.50 (0.059)	2.50 (0.098)	2.20 (0.087)
05A6	5.00±0.50 (0.197±0.020)	5.50±0.50 (0.217±0.020)	2.00 (0.083)	1.20±0.50 (0.047±0.020)	1.50±0.50 (0.059±0.020)	2.00 (0.079)	3.00 (0.118)	2.50 (0.098)
0506	5.00±0.50 (0.197±0.020)	5.50±0.50 (0.217±0.020)	3.00 (0.118)	1.20±0.50 (0.047±0.020)	1.50±0.50 (0.059±0.020)	2.00 (0.079)	3.00 (0.118)	2.50 (0.098)
0707	6.80 max (0.278 max)	7.50 max (0.295 max)	2.00 (0.083)	1.60±0.50 (0.063±0.020)	2.90±0.50 (0.114±0.020)	2.50 (0.098)	3.70 (0.146)	3.50 (0.138)
07B7	6.80 max (0.278 max)	7.50 max (0.295 max)	2.50 (0.098)	1.60±0.50 (0.063±0.020)	2.90±0.50 (0.114±0.020)	2.50 (0.098)	3.70 (0.146)	3.50 (0.138)
07A7	6.80 max (0.278 max)	7.50 max (0.295 max)	3.00 (0.118)	1.60±0.50 (0.063±0.020)	2.90±0.50 (0.114±0.020)	2.50 (0.098)	3.70 (0.146)	3.50 (0.138)
07C7	6.80 max (0.278 max)	7.50 max (0.295 max)	5.00 (0.197)	1.60±0.50 (0.063±0.020)	2.90±0.50 (0.114±0.020)	2.50 (0.098)	3.70 (0.146)	3.50 (0.138)
1011	10.4 max (0.409 max)	11.5 max (0.453 max)	4.00 (0.157)	2.00±0.50 (0.079±0.020)	2.90±0.50 (0.114±0.020)	3.50 (0.138)	6.00 (0.236)	4.00 (0.157)
13A3	13.0 max (0.512 max)	14.2 max (0.559 max)	4.00 (0.157)	2.30±0.50 (0.091±0.020)	3.80±0.50 (0.150±0.020)	2.90 (0.114)	7.90 (0.311)	5.00 (0.197)
1313	13.0 max (0.512 max)	14.2 max (0.559 max)	5.00 (0.197)	2.30±0.50 (0.091±0.020)	3.80±0.50 (0.150±0.020)	2.90 (0.114)	7.90 (0.311)	5.00 (0.197)
13B3	13.0 max (0.512 max)	14.2 max (0.559 max)	6.50 (0.256)	2.30±0.50 (0.091±0.020)	3.80±0.50 (0.150±0.020)	2.90 (0.114)	7.90 (0.311)	5.00 (0.197)

LMax Low Profile/High Current Power Inductor



LMLP Series – Style D

HOW TO ORDER

LM	LP	0707	M	R04	D	T	A	S
Family	Series	Size	Tolerance	Inductance	Style	Termination	Special	Packaging
LM = Power Inductor	LP = Low Profile	0707 = 7x7xh 07A7 = 7x7xA(h) (h = see catalog)	M = 20%	R39 = 0.390μH 3R9 = 3.900μH 390 = 39.00μH 391 = 390.0μH		T = Sn Plate	A = Standard	S = 13" Reel

ELECTRICAL CHARACTERISTICS

0405

AVX PN	Inductance (μH)	Tolerance	Test Condition	DCR (mΩ)	ISAT (A)	IDC (A)
LMLP0405MR10DTAS	0.1	±20%	100KHz, 0.25V	4	22	12
LMLP0405MR22DTAS	0.22	±20%	100KHz, 0.25V	6.6	12.5	9
LMLP0405MR47DTAS	0.47	±20%	100KHz, 0.25V	14	9.5	7
LMLP0405MR56DTAS	0.56	±20%	100KHz, 0.25V	16	8.5	6.5
LMLP0405M1R0DTAS	1	±20%	100KHz, 0.25V	27	7	4.5
LMLP0405M1R5DTAS	1.5	±20%	100KHz, 0.25V	46	6	4
LMLP0405M2R2DTAS	2.2	±20%	100KHz, 0.25V	58	5	3
LMLP0405M3R3DTAS	3.3	±20%	100KHz, 0.25V	87	4	2.5

05A6

AVX PN	Inductance (μH)	Tolerance	Test Condition	DCR (mΩ)	ISAT (A)	IDC (A)
LMLP05A6MR10DTAS	0.1	±20%	100KHz, 0.25V	3.9	45	17
LMLP05A6MR22DTAS	0.22	±20%	100KHz, 0.25V	5.2	22	15
LMLP05A6MR33DTAS	0.33	±20%	100KHz, 0.25V	8.2	25	12
LMLP05A6MR47DTAS	0.47	±20%	100KHz, 0.25V	9.4	21	11.5
LMLP05A6MR68DTAS	0.68	±20%	100KHz, 0.25V	12.4	15	10
LMLP05A6M1R0DTAS	1	±20%	100KHz, 0.25V	20	16	7
LMLP05A6M2R2DTAS	2.2	±20%	100KHz, 0.25V	50.1	12.5	4.2
LMLP05A6M3R3DTAS	3.3	±20%	100KHz, 0.25V	85.5	8.5	3.3
LMLP05A6M4R7DTAS	4.7	±20%	100KHz, 0.25V	116.6	5	2.8

0506

AVX PN	Inductance (μH)	Tolerance	Test Condition	DCR (mΩ)	ISAT (A)	IDC (A)
LMLP0506MR10DTAS	0.1	±20%	100KHz, 0.25V	3.16	27	23
LMLP0506MR22DTAS	0.22	±20%	100KHz, 0.25V	4.52	21	15.5
LMLP0506MR33DTAS	0.33	±20%	100KHz, 0.25V	5.56	19	13.7
LMLP0506MR47DTAS	0.47	±20%	100KHz, 0.25V	7.04	16	12.2
LMLP0506MR68DTAS	0.68	±20%	100KHz, 0.25V	8.96	13.5	10.2
LMLP0506MR82DTAS	0.82	±20%	100KHz, 0.25V	11.9	13	9.3
LMLP0506M1R0DTAS	1	±20%	100KHz, 0.25V	13.7	12	9.2
LMLP0506M1R5DTAS	1.5	±20%	100KHz, 0.25V	20.7	11	7.2
LMLP0506M2R2DTAS	2.2	±20%	100KHz, 0.25V	29.2	10	5.8
LMLP0506M3R3DTAS	3.3	±20%	100KHz, 0.25V	54.7	8.5	5
LMLP0506M4R7DTAS	4.7	±20%	100KHz, 0.25V	77.5	8.2	3.5

ISAT: The current that causes an inductance drop of approximately 25% (30% on 0405 size).

IDC: DC Current that causes an approximate ΔT of 40°C.



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LMLP Series – Style D

0707

AVX PN	Inductance (μH)	Tolerance	Test Condition	DCR (mΩ)	IsAT (A)	I _{DC} (A)
LMLP0707MR10DTAS	0.1	±20%	100KHz, 0.25V	3.5	40	18
LMLP0707MR15DTAS	0.15	±20%	100KHz, 0.25V	5.2	38	15
LMLP0707MR22DTAS	0.22	±20%	100KHz, 0.25V	5.7	26	14
LMLP0707MR33DTAS	0.33	±20%	100KHz, 0.25V	7	18	12
LMLP0707MR47DTAS	0.47	±20%	100KHz, 0.25V	9.3	18	11
LMLP0707MR68DTAS	0.68	±20%	100KHz, 0.25V	13.9	17	9
LMLP0707MR82DTAS	0.82	±20%	100KHz, 0.25V	15.9	17	8
LMLP0707M1R0DTAS	1	±20%	100KHz, 0.25V	18.3	14	7
LMLP0707M1R5DTAS	1.5	±20%	100KHz, 0.25V	34	11.5	4
LMLP0707M2R2DTAS	2.2	±20%	100KHz, 0.25V	46	13	3.75
LMLP0707M3R3DTAS	3.3	±20%	100KHz, 0.25V	60.1	10	3.25
LMLP0707M4R7DTAS	4.7	±20%	100KHz, 0.25V	78	8	3

07B7

AVX PN	Inductance (μH)	Tolerance	Test Condition	DCR (mΩ)	IsAT (A)	I _{DC} (A)
LMLP07B7MR10DTAS	0.1	±20%	100KHz, 0.25V	1.7	50	30
LMLP07B7MR22DTAS	0.22	±20%	100KHz, 0.25V	3.2	34	21
LMLP07B7MR33DTAS	0.33	±20%	100KHz, 0.25V	4.1	22	18
LMLP07B7MR47DTAS	0.47	±20%	100KHz, 0.25V	6.5	21	13.5
LMLP07B7MR68DTAS	0.68	±20%	100KHz, 0.25V	9.4	18	11
LMLP07B7MR82DTAS	0.82	±20%	100KHz, 0.25V	11.8	17	10
LMLP07B7M1R0DTAS	1	±20%	100KHz, 0.25V	14.2	16	9
LMLP07B7M1R5DTAS	1.5	±20%	100KHz, 0.25V	21.2	15	7.5
LMLP07B7M2R2DTAS	2.2	±20%	100KHz, 0.25V	34	14	6.5
LMLP07B7M3R3DTAS	3.3	±20%	100KHz, 0.25V	51.6	13	5
LMLP07B7M4R7DTAS	4.7	±20%	100KHz, 0.25V	63	10	4.5
LMLP07B7M6R8DTAS	6.8	±20%	100KHz, 0.25V	95	9	3.5
LMLP07B7M8R2DTAS	8.2	±20%	100KHz, 0.25V	106	8	3
LMLP07B7M100DTAS	10	±20%	100KHz, 0.25V	129	7	2.5

07A7

AVX PN	Inductance (μH)	Tolerance	Test Condition	DCR (mΩ)	IsAT (A)	I _{DC} (A)
LMLP07A7MR10DTAS	0.1	±20%	100KHz, 0.25V	1.7	60	32.5
LMLP07A7MR22DTAS	0.22	±20%	100KHz, 0.25V	2.8	40	23
LMLP07A7MR33DTAS	0.33	±20%	100KHz, 0.25V	3.9	30	20
LMLP07A7MR47DTAS	0.47	±20%	100KHz, 0.25V	4.2	26	17.5
LMLP07A7MR68DTAS	0.68	±20%	100KHz, 0.25V	5.5	25	15.5
LMLP07A7MR82DTAS	0.82	±20%	100KHz, 0.25V	8	24	13
LMLP07A7M1R0DTAS	1	±20%	100KHz, 0.25V	10	22	11
LMLP07A7M1R5DTAS	1.5	±20%	100KHz, 0.25V	15	18	9
LMLP07A7M2R2DTAS	2.2	±20%	100KHz, 0.25V	20	14	8
LMLP07A7M3R3DTAS	3.3	±20%	100KHz, 0.25V	30	13.5	6
LMLP07A7M4R7DTAS	4.7	±20%	100KHz, 0.25V	40	10	5.5
LMLP07A7M6R8DTAS	6.8	±20%	100KHz, 0.25V	60	8	4.5
LMLP07A7M8R2DTAS	8.2	±20%	100KHz, 0.25V	68	7.5	4
LMLP07A7M100DTAS	10	±20%	100KHz, 0.25V	105	7	3

I_{SA}T: The current that causes an inductance drop of approximately 25%.

I_{DC}: DC Current that causes an approximate ΔT of 40°C.

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LMLP Series – Style D

07C7

AVX PN	Inductance (μH)	Tolerance	Test Condition	DCR (mΩ)	IsAT (A)	I _{DC} (A)
LMLP07C7MR56DTAS	0.56	±20%	100KHz, 0.25V	3.6	12	20
LMLP07C7MR68DTAS	0.68	±20%	100KHz, 0.25V	4.5	11.5	18
LMLP07C7MR82DTAS	0.82	±20%	100KHz, 0.25V	4.9	13	16.5
LMLP07C7M1R0DTAS	1	±20%	100KHz, 0.25V	6.5	15	13
LMLP07C7M1R5DTAS	1.5	±20%	100KHz, 0.25V	9	12	12
LMLP07C7M2R2DTAS	2.2	±20%	100KHz, 0.25V	13.6	10	10
LMLP07C7M3R3DTAS	3.3	±20%	100KHz, 0.25V	20.9	8	8
LMLP07C7M4R7DTAS	4.7	±20%	100KHz, 0.25V	30.3	7	6.5
LMLP07C7M5R6DTAS	5.6	±20%	100KHz, 0.25V	34.4	7	6
LMLP07C7M6R8DTAS	6.8	±20%	100KHz, 0.25V	44.6	5.5	5.5
LMLP07C7M8R2DTAS	8.2	±20%	100KHz, 0.25V	50.7	5	5
LMLP07C7M100DTAS	10	±20%	100KHz, 0.25V	71.3	4.5	4.5

1011

AVX PN	Inductance (μH)	Tolerance	Test Condition	DCR (mΩ)	IsAT (A)	I _{DC} (A)
LMLP1011MR19DTAS	0.19	±20%	100KHz, 0.25V	0.95	90	40
LMLP1011MR36DTAS	0.36	±20%	100KHz, 0.25V	1.4	60	31.5
LMLP1011MR47DTAS	0.47	±20%	100KHz, 0.25V	1.6	38	26
LMLP1011MR56DTAS	0.56	±20%	100KHz, 0.25V	1.8	49	27.5
LMLP1011M1R0DTAS	1	±20%	100KHz, 0.25V	4.1	36	17.5
LMLP1011M1R5DTAS	1.5	±20%	100KHz, 0.25V	5.8	27.5	15
LMLP1011M2R2DTAS	2.2	±20%	100KHz, 0.25V	9	25.6	12
LMLP1011M3R3DTAS	3.3	±20%	100KHz, 0.25V	11.8	18.6	10
LMLP1011M4R7DTAS	4.7	±20%	100KHz, 0.25V	16.5	17	9.5
LMLP1011M5R6DTAS	5.6	±20%	100KHz, 0.25V	19.3	16	8.5
LMLP1011M6R8DTAS	6.8	±20%	100KHz, 0.25V	23.3	13.5	8
LMLP1011M100DTAS	10	±20%	100KHz, 0.25V	36.5	12	6.8
LMLP1011M150DTAS	15	±20%	100KHz, 0.25V	65	7	3.5
LMLP1011M220DTAS	22	±20%	100KHz, 0.25V	120	3	2
LMLP1011M330DTAS	33	±20%	100KHz, 0.25V	200	2.8	1.8
LMLP1011M470DTAS	47	±20%	100KHz, 0.25V	210	3	1.2

13A3

AVX PN	Inductance (μH)	Tolerance	Test Condition	DCR (mΩ)	IsAT (A)	I _{DC} (A)
LMLP13A3MR10DTAS	0.1	±20%	100KHz, 0.25V	0.96	84	43
LMLP13A3MR15DTAS	0.15	±20%	100KHz, 0.25V	1.2	75	41
LMLP13A3MR22DTAS	0.22	±20%	100KHz, 0.25V	1.3	65	38.5
LMLP13A3MR33DTAS	0.33	±20%	100KHz, 0.25V	1.5	62	36.5
LMLP13A3MR47DTAS	0.47	±20%	100KHz, 0.25V	2	55	32
LMLP13A3MR60DTAS	0.6	±20%	100KHz, 0.25V	2.2	51	29
LMLP13A3MR68DTAS	0.68	±20%	100KHz, 0.25V	2.5	49	28
LMLP13A3MR82DTAS	0.82	±20%	100KHz, 0.25V	3	44	25
LMLP13A3M1R0DTAS	1	±20%	100KHz, 0.25V	3.5	40	24
LMLP13A3M1R5DTAS	1.5	±20%	100KHz, 0.25V	5.5	35	19
LMLP13A3M1R8DTAS	1.8	±20%	100KHz, 0.25V	7	30	16.5
LMLP13A3M2R2DTAS	2.2	±20%	100KHz, 0.25V	8	29	16
LMLP13A3M3R3DTAS	3.3	±20%	100KHz, 0.25V	12	27	12
LMLP13A3M4R7DTAS	4.7	±20%	100KHz, 0.25V	15	24	10
LMLP13A3M5R6DTAS	5.6	±20%	100KHz, 0.25V	19	19	9.5
LMLP13A3M6R8DTAS	6.8	±20%	100KHz, 0.25V	22	18	9
LMLP13A3M8R2DTAS	8.2	±20%	100KHz, 0.25V	28	16	8.5
LMLP13A3M100DTAS	10	±20%	100KHz, 0.25V	34	14	7

I_{SAT}: The current that causes an inductance drop of approximately 25%.

I_{DC}: DC Current that causes an approximate ΔT of 40°C.



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1313

AVX PN	Inductance (μH)	Tolerance	Test Condition	DCR (mΩ)	IsAT (A)	I _{DC} (A)
LMLP1313MR10DTAS	0.1	±20%	100KHz, 0.25V	6	118	55
LMLP1313MR22DTAS	0.22	±20%	100KHz, 0.25V	0.8	110	51
LMLP1313MR33DTAS	0.33	±20%	100KHz, 0.25V	1.1	80	42
LMLP1313MR47DTAS	0.47	±20%	100KHz, 0.25V	1.3	65	38
LMLP1313MR56DTAS	0.56	±20%	100KHz, 0.25V	1.5	55	36
LMLP1313MR68DTAS	0.68	±20%	100KHz, 0.25V	1.7	54	34
LMLP1313MR82DTAS	0.82	±20%	100KHz, 0.25V	2.3	53	31
LMLP1313M1R0DTAS	1	±20%	100KHz, 0.25V	2.5	50	29
LMLP1313M1R5DTAS	1.5	±20%	100KHz, 0.25V	4.1	48	23
LMLP1313M1R8DTAS	1.8	±20%	100KHz, 0.25V	4.9	40	19
LMLP1313M2R2DTAS	2.2	±20%	100KHz, 0.25V	5.5	32	20
LMLP1313M3R3DTAS	3.3	±20%	100KHz, 0.25V	9.2	32	15
LMLP1313M4R7DTAS	4.7	±20%	100KHz, 0.25V	15	27	12
LMLP1313M5R6DTAS	5.6	±20%	100KHz, 0.25V	16.5	22	11.5
LMLP1313M6R8DTAS	6.8	±20%	100KHz, 0.25V	18.5	21	11
LMLP1313M7R8DTAS	7.8	±20%	100KHz, 0.25V	20.5	18	10
LMLP1313M8R2DTAS	8.2	±20%	100KHz, 0.25V	22.5	18	9.5
LMLP1313M100DTAS	10	±20%	100KHz, 0.25V	25.5	16	9

13B3

AVX PN	Inductance (μH)	Tolerance	Test Condition	DCR (mΩ)	IsAT (A)	I _{DC} (A)
LMLP13B3MR10DTAS	0.1	±20%	100KHz, 0.25V	0.5	120	60
LMLP13B3MR15DTAS	0.15	±20%	100KHz, 0.25V	0.6	118	55
LMLP13B3MR22DTAS	0.22	±20%	100KHz, 0.25V	0.7	112	53
LMLP13B3MR30DTAS	0.3	±20%	100KHz, 0.25V	0.8	72	48
LMLP13B3MR33DTAS	0.33	±20%	100KHz, 0.25V	0.9	65	46
LMLP13B3MR40DTAS	0.4	±20%	100KHz, 0.25V	1	64	44
LMLP13B3MR47DTAS	0.47	±20%	100KHz, 0.25V	1.2	63	41
LMLP13B3MR56DTAS	0.56	±20%	100KHz, 0.25V	1.4	62	37
LMLP13B3MR68DTAS	0.68	±20%	100KHz, 0.25V	1.6	60	35
LMLP13B3MR82DTAS	0.82	±20%	100KHz, 0.25V	1.9	50	33
LMLP13B3M1R0DTAS	1	±20%	100KHz, 0.25V	2	49	32
LMLP13B3M1R2DTAS	1.2	±20%	100KHz, 0.25V	2.5	48	30
LMLP13B3M1R5DTAS	1.5	±20%	100KHz, 0.25V	3	45	27
LMLP13B3M1R8DTAS	1.8	±20%	100KHz, 0.25V	3.2	41	24
LMLP13B3M2R2DTAS	2.2	±20%	100KHz, 0.25V	4.2	40	22
LMLP13B3M3R3DTAS	3.3	±20%	100KHz, 0.25V	6.8	35	18
LMLP13B3M4R7DTAS	4.7	±20%	100KHz, 0.25V	8.7	32	13.5
LMLP13B3M5R6DTAS	5.6	±20%	100KHz, 0.25V	10	32	13.5
LMLP13B3M6R8DTAS	6.8	±20%	100KHz, 0.25V	14	16.5	11.5
LMLP13B3M8R2DTAS	8.2	±20%	100KHz, 0.25V	15.5	16	10.5
LMLP13B3M100DTAS	10	±20%	100KHz, 0.25V	17.2	15.5	10

I_{SAT}: The current that causes an inductance drop of approximately 25%.

I_{DC}: DC Current that causes an approximate ΔT of 40°C.

LMax Low Profile/High Current Power Inductor



LMLP Series – Style D

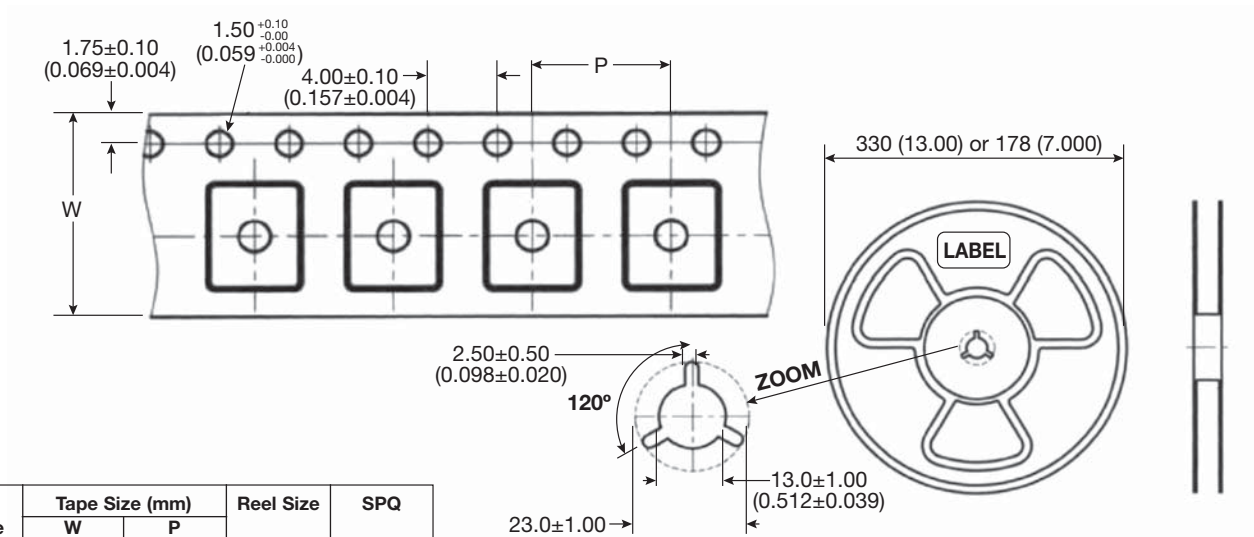
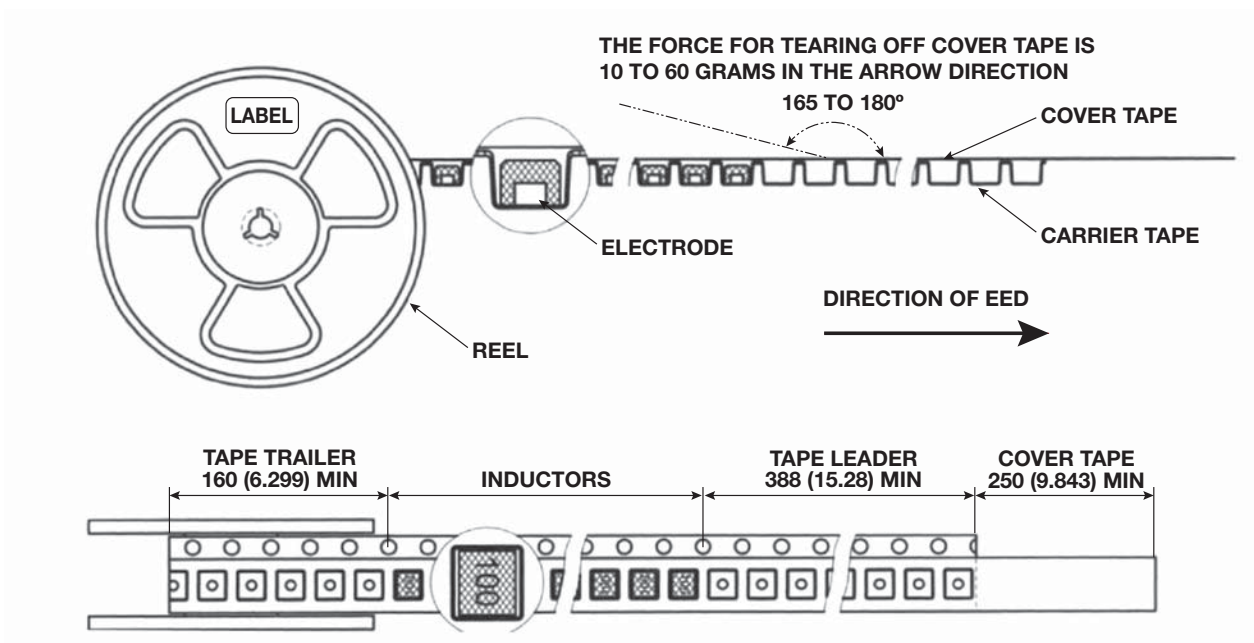
GENERAL CHARACTERISTICS

Items	Requirement	Test Methods															
Solderability	More than 90% of the terminal electrode should be covered with solder.	230±5°C for 4±1 seconds															
Solder Heat Resistance	Inductance value must remain within 20% of initial value. No disconnection or short circuit. No change in appearance.	260±5°C for 4±1 seconds															
Heat Resistance	Inductance value must remain within 20% of initial value. No disconnection or short circuit. No change in appearance.	Temperature: 125±5°C Time: 500 hours Tested after 2 hours at room temperature															
Cold Resistance	Inductance value must remain within 20% of initial value. No disconnection or short circuit. No change in appearance.	Temperature: -40±5°C Time: 500 hours Tested after 2 hours at room temperature															
Thermal Shock	Inductance value must remain within 20% of initial value. No disconnection or short circuit. No change in appearance.	One Cycle <table> <tr> <th>Step</th><th>Temperature (°C)</th><th>Time (min.)</th></tr> <tr> <td>1</td><td>-40±5°C</td><td>30</td></tr> <tr> <td>2</td><td>Room Temperature</td><td>3</td></tr> <tr> <td>3</td><td>125±5°C</td><td>30</td></tr> <tr> <td>4</td><td>Room Temperature</td><td>3</td></tr> </table>	Step	Temperature (°C)	Time (min.)	1	-40±5°C	30	2	Room Temperature	3	3	125±5°C	30	4	Room Temperature	3
Step	Temperature (°C)	Time (min.)															
1	-40±5°C	30															
2	Room Temperature	3															
3	125±5°C	30															
4	Room Temperature	3															
Humidity Resistance	Inductance value must remain within 20% of initial value. No disconnection or short circuit. No change in appearance.	Temperature: 40±2°C at 90~95% relative humidity . Time: 500 Hours Tested after 2 hours at room temperature															
Vibration Test	Inductance value must remain within ±5% of initial value. No change in appearance	After 1 hour of vibrations testing, in each of three orientations at 10Hz, then increase to 55Hz, then decrease to 10Hz with 1.52mm P-P amplitudes.															

LMax Low Profile/High Current Power Inductor



LMLP Series – Style D



Size Code	Tape Size (mm)		Reel Size	SPQ
	W	P		
0405	12	8	13" Reel	3500
05A6	12	8	13" Reel	3000
0506	12	8	13" Reel	2500
0707	16	12	13" Reel	2000
07B7	16	12	13" Reel	2000
07A7	16	12	13" Reel	1500
07C7	16	12	13" Reel	800
1011	24	16	13" Reel	1000
13A3	24	16	13" Reel	1000
1313	24	16	13" Reel	500
13B3	24	16	13" Reel	500