

# LMC1608 SERIES

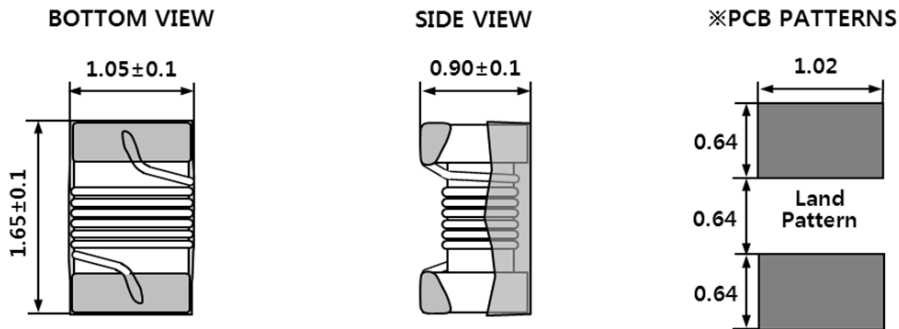


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## LMC1608 SERIES

### ■ SHAPE & DIMENSIONS / RECOMMENDED SOLDER LAND PATTERN

(Unit : mm)



### ■ ELECTRICAL CHARACTERISTICS

Ordering code	Inductance [nH]	Tolerance (%)	Q (min.)	SRF Min. (MHZ)	Rdc Max. (Ω)	Idc Max. (mA)
LMC1608TP - 1N5○	1.5@ 250MHZ	± 10,5	26	12500	0.04	700
LMC1608TP - 1N6○	1.6@ 250MHZ	± 10,5	24	12500	0.03	700
LMC1608TP - 1N8○	1.8@ 250MHZ	± 10,5	16	12500	0.05	700
LMC1608TP - 2N2○	2.2@ 250MHZ	± 10,5	13	12500	0.25	100
LMC1608TP - 3N3○	3.3@ 250MHZ	± 10,5	20	12500	0.06	700
LMC1608TP - 3N6○	3.6@ 250MHZ	± 10,5	22	5900	0.06	700
LMC1608TP - 3N9○	3.9@ 250MHZ	± 10,5	22	6900	0.08	700
LMC1608TP - 4N3○	4.3@ 250MHZ	± 10,5	22	5900	0.06	700
LMC1608TP - 4N7○	4.7@ 250MHZ	± 10,5	20	5800	0.12	700
LMC1608TP - 5N1○	5.1@ 250MHZ	± 10,5	20	5700	0.14	700
LMC1608TP - 5N6○	5.6@ 250MHZ	± 10,5,2	30	5700	0.08	700
LMC1608TP - 6N2○	6.2@ 250MHZ	± 10,5,2	27	5800	0.10	700
LMC1608TP - 6N8○	6.8@ 250MHZ	± 10,5,2	27	5800	0.11	700
LMC1608TP - 7N5○	7.5@ 250MHZ	± 10,5,2	28	4800	0.11	700
LMC1608TP - 8N2○	8.2@ 250MHZ	± 10,5,2	28	5600	0.11	700
LMC1608TP - 8N7○	8.7@ 250MHZ	± 10,5,2	28	4600	0.11	700
LMC1608TP - 9N5○	9.5@ 250MHZ	± 10,5,2	28	5400	0.14	700
LMC1608TP - 10N○	10@ 250MHZ	± 10,5,2	31	4800	0.13	700
LMC1608TP - 11N○	11@ 250MHZ	± 10,5,2	33	4000	0.09	700
LMC1608TP - 12N○	12@ 250MHZ	± 10,5,2	35	4000	0.13	700
LMC1608TP - 13N○	13@ 250MHZ	± 10,5,2	35	4000	0.17	700
LMC1608TP - 15N○	15@ 250MHZ	± 10,5,2	35	4000	0.17	700
LMC1608TP - 16N○	16@ 250MHZ	± 10,5,2	34	3300	0.10	700
LMC1608TP - 18N○	18@ 250MHZ	± 10,5,2	35	3100	0.17	700
LMC1608TP - 19N○	19@ 250MHZ	± 10,5,2	40	3100	0.14	700
LMC1608TP - 20N○	20@ 250MHZ	± 10,5,2	40	3000	0.14	700
LMC1608TP - 22N○	22@ 250MHZ	± 10,5,2	38	3000	0.19	700
LMC1608TP - 23N○	23@ 250MHZ	± 10,5,2	38	2800	0.19	700
LMC1608TP - 24N○	24@ 250MHZ	± 10,5,2	37	2650	0.14	700
LMC1608TP - 27N○	27@ 250MHZ	± 10,5,2	40	2800	0.22	600
LMC1608TP - 30N○	30@ 250MHZ	± 10,5,2	37	2250	0.14	600
LMC1608TP - 33N○	33@ 250MHZ	± 10,5,2	40	2300	0.22	600
LMC1608TP - 36N○	36@ 250MHZ	± 10,5,2	38	2080	0.25	600
LMC1608TP - 39N○	39@ 250MHZ	± 10,5,2	40	2200	0.25	600
LMC1608TP - 43N○	43@ 250MHZ	± 10,5,2	39	2000	0.28	600
LMC1608TP - 47N○	47@ 200MHZ	± 10,5,2	38	2000	0.28	600
LMC1608TP - 51N○	51@ 200MHZ	± 10,5,2	36	2000	0.30	600
LMC1608TP - 56N○	56@ 200MHZ	± 10,5,2	38	1900	0.31	600
LMC1608TP - 60N○	60@ 200MHZ	± 10,5,2	38	1800	0.33	600
LMC1608TP - 62N○	62@ 200MHZ	± 10,5,2	38	1800	0.33	600
LMC1608TP - 68N○	68@ 200MHZ	± 10,5,2	37	1700	0.34	600
LMC1608TP - 72N○	72@ 150MHZ	± 10,5,2	34	1700	0.49	400
LMC1608TP - 75N○	75@ 150MHZ	± 10,5,2	34	1700	0.50	400
LMC1608TP - 82N○	82@ 150MHZ	± 10,5,2	34	1700	0.54	400
LMC1608TP - 91N○	91@ 150MHZ	± 10,5,2	34	1500	0.56	400
LMC1608TP - R10○	100@ 150MHZ	± 10,5,2	34	1400	0.58	400

○ : G(±2%), J(±5%), K(±10%)

Specifications given herein may be changed at any time without prior notice. Please confirm technical specifications before your order and/or use.

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Ordering code	Inductance [nH]	Tolerance (%)	Q (min.)	SRF Min. (MHZ)	Rdc Max. ( $\Omega$ )	Idc Max. (mA)
LMC1608TP - R11○	110@ 150MHZ	$\pm 10,5,2$	32	1350	0.61	300
LMC1608TP - R12○	120@ 150MHZ	$\pm 10,5,2$	32	1300	0.75	300
LMC1608TP - R15○	150@ 150MHZ	$\pm 10,5,2$	28	990	0.92	280
LMC1608TP - R16○	160@ 150MHZ	$\pm 10,5,2$	28	990	1.10	260
LMC1608TP - R18○	180@ 100MHZ	$\pm 10,5,2$	25	990	1.30	240
LMC1608TP - R19○	190@ 100MHZ	$\pm 10,5,2$	28	950	1.50	220
LMC1608TP - R20○	200@ 100MHZ	$\pm 10,5,2$	25	950	1.30	220
LMC1608TP - R22○	220@ 100MHZ	$\pm 10,5,2$	25	900	1.90	200
LMC1608TP - R23○	230@ 100MHZ	$\pm 10,5,2$	24	900	2.00	180
LMC1608TP - R24○	240@ 100MHZ	$\pm 10,5,2$	24	900	2.00	180
LMC1608TP - R25○	250@ 100MHZ	$\pm 10,5,2$	24	900	2.00	180
LMC1608TP - R27○	270@ 100MHZ	$\pm 10,5,2$	24	900	2.60	170
LMC1608TP - R29○	290@ 100MHZ	$\pm 10,5,2$	24	850	3.10	170
LMC1608TP - R30○	300@ 100MHZ	$\pm 10,5,2$	24	850	3.10	170
LMC1608TP - R33○	330@ 100MHZ	$\pm 10,5,2$	24	800	4.40	150
LMC1608TP - R39○	390@ 100MHZ	$\pm 10,5,2$	24	800	4.80	150
LMC1608TP - R40○	400@ 100MHZ	$\pm 10,5,2$	24	800	4.90	150

○ : G( $\pm 2\%$ ), J( $\pm 5\%$ ), K( $\pm 10\%$ )

### ▼ Test Equipments

- Inductance measured : RF LCR METER HP4286A+16193A fixture or equivalent
- Q Measured : RF LCR METER HP4286A+16193A fixture or equivalent
- SRF Measured : NETWORK ANALYZER(HP8753D)+ABCO SMD-D test fixture or equivalent
- RDC Measured : RF LCR METER HP4286A+16193A fixture or equivalent
- IDC For 15°C rise : Agilent 6692A 0-60V/0-110A SYSTEM DC POWER SUPPLY  
+YOKOGAWA DR130 HYBRID RECORDER or equivalent U89