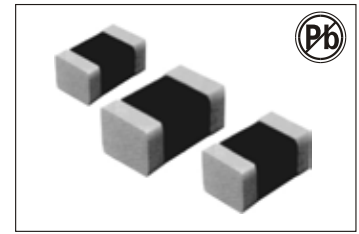


SURFACE-MOUNT MULTI-LAYER CHIP INDUCTORS

0805



FEATURES:

- Multilayer Ferrite structure
- Closed magnetic circuit
- Avoids crosstalk
- Excellent solderability
- High reliability
- Counter measures for complying with FCC,VDE,CSA,VCCI and CE

OPTIONS:

- Packaging:Tape & Reel is standard (Qty:2000pcs)
Bulk packaging available for smaller quantities
- Tolerance:20% and 10% is standard, tighter tolerances available

COMMON APPLICATIONS:

- VCRs
- Mobil Radios
- Cordless Telephones
- Modems
- Global Positioning Systems
- Wireless Communications Equipment
- Network Systems
- Computer Products

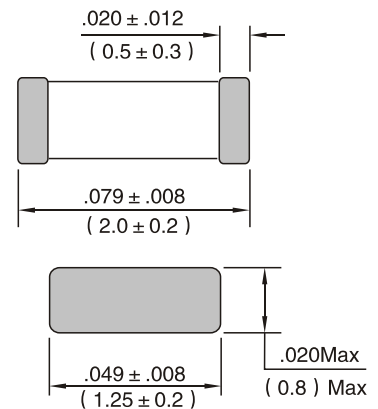
ELECTRICAL CHARACTERISTICS:

Part Number	L (μH)	Tol %	Q Min	SRF MHz Min	DCR Ω Max	IDC Max mA	Test Freq MHz
D DLF0000.047m0805	47nH	± 20	25	320	0.15	300	50
D DLF0000.056m0805	56nH	± 20	25	320	0.20	300	50
D DLF0000.068m0805	68nH	± 20	25	280	0.25	300	50
D DLF0000.082m0805	82nH	± 20	25	280	0.25	300	50
D DLF0000.10k0805	.10	± 10	25	235	0.25	250	25
D DLF0000.12k0805	.12	± 10	25	220	0.30	250	25
D DLF0000.15k0805	.15	± 10	25	200	0.30	250	25
D DLF0000.18k0805	.18	± 10	25	185	0.40	250	25
D DLF0000.22k0805	.22	± 10	25	170	0.40	250	25
D DLF0000.27k0805	.27	± 10	25	150	0.50	250	25
D DLF0000.33k0805	.33	± 10	25	145	0.50	250	25
D DLF0000.39k0805	.39	± 10	30	135	0.60	200	25
D DLF0000.47k0805	.47	± 10	30	125	0.60	200	25
D DLF0000.56k0805	.56	± 10	30	115	0.70	150	25
D DLF0000.68k0805	.68	± 10	30	105	0.80	150	25
D DLF0000.82k0805	.82	± 10	30	100	0.90	150	25
D DLF0001.00k0805	1.0	± 10	45	75	0.40	100	10
D DLF0001.20k0805	1.2	± 10	45	65	0.50	100	10
D DLF0001.50k0805	1.5	± 10	45	60	0.50	50	10
D DLF0001.80k0805	1.8	± 10	45	55	0.50	50	10
D DLF0002.20k0805	2.2	± 10	45	50	0.60	50	10
D DLF0002.70k0805	2.7	± 10	45	45	0.60	50	10
D DLF0003.30k0805	3.3	± 10	45	41	0.70	50	10
D DLF0003.90k0805	3.9	± 10	45	38	0.80	50	10
D DLF0004.70k0805	4.7	± 10	45	35	0.90	25	10
D DLF0005.60k0805	5.6	± 10	50	32	0.70	25	4
D DLF0006.80k0805	6.8	± 10	50	29	0.80	25	4
D DLF0008.20k0805	8.2	± 10	50	26	0.90	25	4
D DLF0010.00k0805	10	± 10	50	24	1.00	25	2
D DLF0012.00k0805	12	± 10	50	22	1.05	15	2
D DLF0015.00k0805	15	± 10	30	19	0.70	5	1
D DLF0018.00k0805	18	± 10	30	18	0.70	5	1
D DLF0022.00k0805	22	± 10	30	16	0.90	5	1
D DLF0027.00k0805	27	± 10	30	16	1.20	5	1
D DLF0033.00k0805	33	± 10	30	16	1.40	5	1
D DLF0039.00k0805	39	± 10	35	16	1.50	5	1
D DLF0047.00k0805	47	± 10	35	15	1.60	5	1
D DLF0056.00k0805	56	± 10	35	15	1.80	5	1
D DLF0068.00k0805	68	± 10	25	15	2.0	5	1
D DLF0082.00k0805	82	± 10	25	11	2.5	5	1

TECHNICAL INFORMATION:

- Testing:(Equivalents acceptable)
Inductance & Q-HP4195A+HP41951
DCR:VOAC-7412
SRF:HP8753C
- Solderability:90% of the terminal electrode shall be covered
Preheat:@ 260°C ± 5°C for 160 seconds
Solder:H63AA Eutectic Solder
Flux:Rosin,Dip for 5 seconds ± 1 second
- Thermal Shock: Inductance shall be within ± 5% of initial value and Q shall be within ± 30% of initial value when temperature is -40°C and +85°C for 30 min.for each 100 cycles
- Operating Temperature:-25°C to +85°C
- Storage Temperature: -40°C to +85°C

PHYSICAL CHARACTERISTICS:



Dimensions: Inches (mm)

Note:1. K= ± 10%,M= ± 20%,N= ± 30%