

SURFACE MOUNT DATA LINE EMC FILTER

DLF SERIES

DLF-02,04,06,08

FEATURES:

- Extended frequency range
- For noise reduction
- Common Mode up to 1GHz

OPTIONS:

- Tape & Reel is Standard
- Custom design available

COMMON APPLICATIONS:

- Digital Communication EMI Suppression
- Data Line Filtering

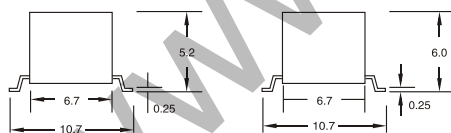
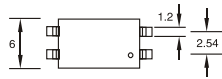
STANDARD SPECIFICATIONS

Part Number	Common Mode Attenuation(dB Min)											DCR (Ω Max)	SCH	Package
	No. of Lines	Inductance 100KHz,0.1V (μ H Min)	100KHz	1MHz	10MHz	30MHz	50MHz	100MHz	300MHz	500MHz	1GHz			
DLF-02-470	2	47	11	27	40	44	42	36	26	17	-	0.40	1/2/3	ABCDE
DLF-04-101	4	100	14	33	44	48	49	44	34	29	20	0.60	1/2/3	ABCDE
DLF-04-240	4	24	8	21	32	36	37	36	30	20	-	0.25	1/2/3	ABCDE
DLF-04-330	4	33	2	14	20	19	19	18	14	8	3	0.20	1/2/3	ABCDE
DLF-06-210	6	21	6	19	28	34	35	36	34	29	1	0.35	1/2/3	ABCDE
DLF-08-660	6	68	8	22	29	30	30	29	24	19	-	0.20	1/2/3	ABCDE
DLF-08-360	8	36	8	24	36	39	35	39	18	11	-	0.35	4/5	ABCDE
DLF-08-680	8	68	8	24	30	39	27	24	16	11	-	0.20	4/5	ABCDE

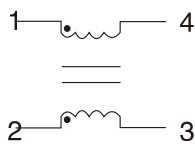
Note: 1. K= \pm 10%, M= \pm 20%

TECHNICAL INFORMATION & PHYSICAL CHARACTERISTICS

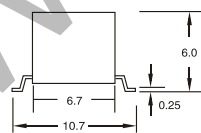
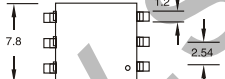
Package A



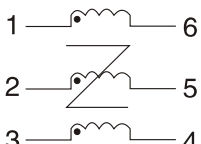
SCH 1



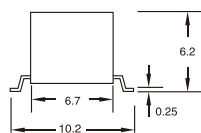
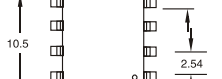
Package B:



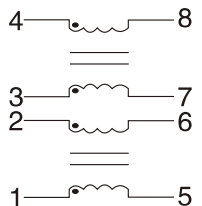
SCH 2



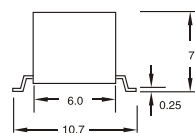
Package C



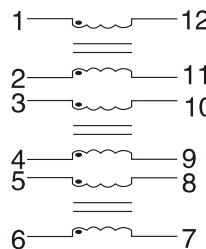
SCH 3



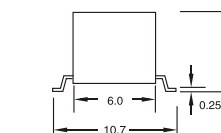
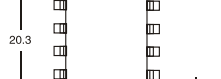
Package D



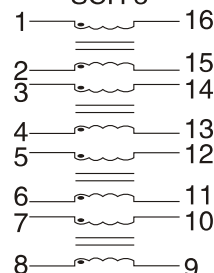
SCH 4



Package E



SCH 5



- Inductance measured at 100KHz 0.1 VRMS.
- Soldering methods: Wave, Reflow
- Operating Temperature: 0°C to 70°C
- Storage Temperature: -55°C to 125°C

Note: All specifications subject to change without notice.

Dimension: mm