



# DLF SERIES

## SMD Data Line EMC Filter

DLF02, DLF04, DLF06, DLF08

### FEATURES

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

### OPTIONS

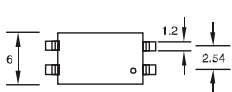
- Tape & Reel is Standard
- Custom design available

### APPLICATIONS

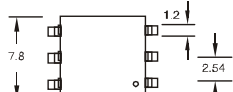
- Digital Communication EMI Suppression
- Data Line Filtering

Part Number	Common Mode Attenuation (dB Min)											DCR ohm max.	Schematic	Package
	No of Lines	Ind. 100KHz 0.1V (μH min)	100KHz	1MHz	10MHz	30MHz	50MHz	100MHz	300MHz	500MHz	1GHz			
DLF-02-470	2	47	11	27	40	44	42	36	26	17	-	0.4	1/2/3	ABCDE
DLF-04-101	4	100	14	33	44	48	49	44	34	29	20	0.6	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	0.2	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	-	0.2	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	-	0.2	4/5	ABCDE

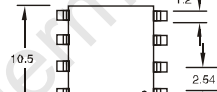
Package A



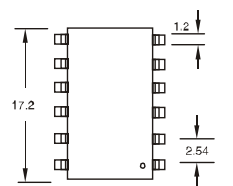
Package B:



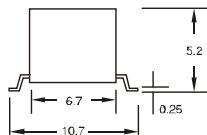
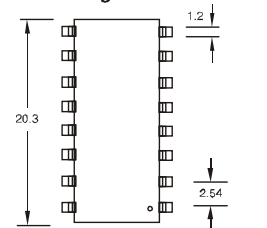
Package C



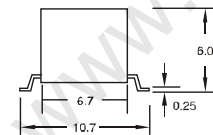
Package D



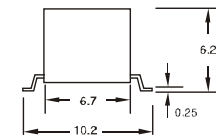
Package E



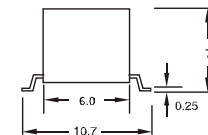
SCH 1



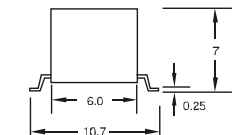
SCH 2



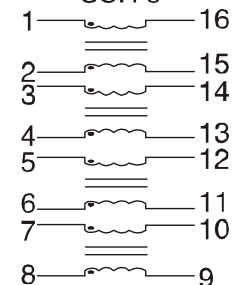
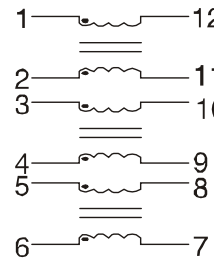
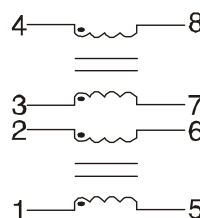
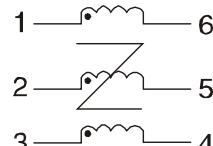
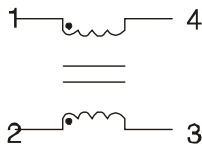
SCH 3



SCH 4



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

Dimension: mm