



**MINMAX<sup>®</sup>**

MDW12 Series - EMC Notes

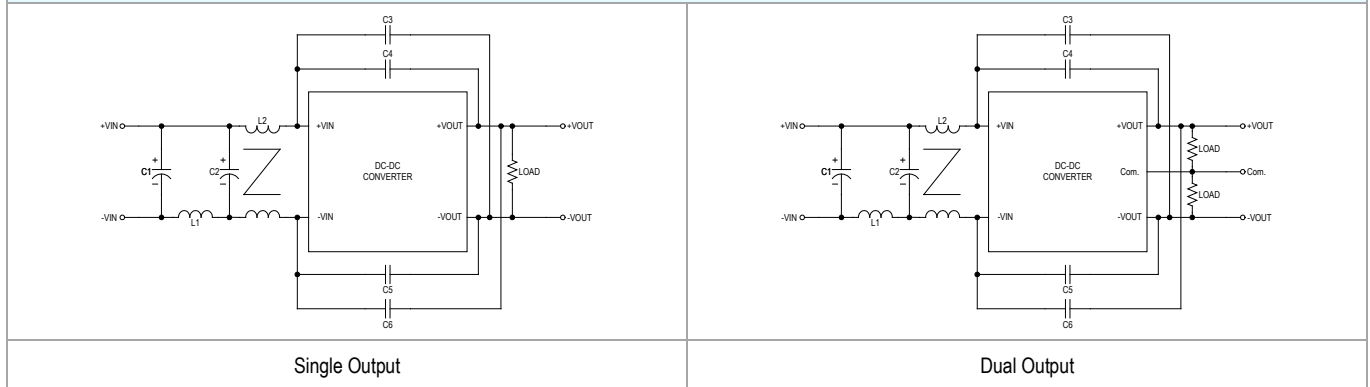
# MDW12 Series - EMC Notes

## External Filter meets Total solution (for EFT & Surge & Radiation) EN 55032, class A; FCC part 15, level A



Model	C1, C2	L1	C3, C4
MDW12-12SXX	560µF/50V CHEMI-CON KY Series	10µH/2.2A/100mΩ 74477410	1000pF/2kV 1808 X7R
MDW12-12DXX	560µF/50V CHEMI-CON KY Series	10µH/2.2A/100mΩ 74477410	1000pF/2kV 1808 X7R
MDW12-24SXX	470µF/50V CHEMI-CON KY Series	10µH/2.2A/100mΩ 74477410	1000pF/2kV 1808 X7R
MDW12-24DXX	470µF/50V CHEMI-CON KY Series	10µH/2.2A/100mΩ 74477410	1000pF/2kV 1808 X7R

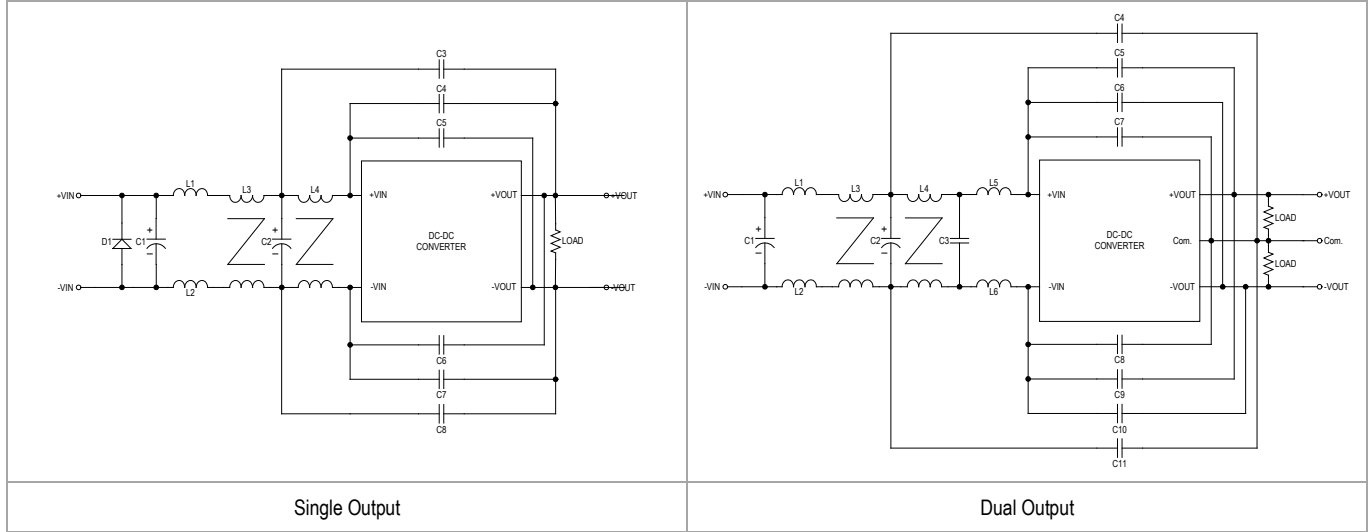
## External Filter meets Total solution (for EFT & Surge & Radiation) EN 55032, class A; FCC part 15, level A



Model	C1, C2	L1	L2	C3, C4	C5, C6
MDW12-48SXX	150µF/50V CHEMI-CON KY Series	56µH/770mA/420mΩ 744774156	30µH/1.4A/40mΩ 744273222	1000pF/2kV 1808 X7R	680pF/2kV 1808 X7R
MDW12-48DXX	150µF/50V CHEMI-CON KY Series	56µH/770mA/420mΩ 744774156	30µH/1.4A/40mΩ 744273222	100pF/2kV 1808 X7R	680pF/2kV 1808 X7R

# MDW12 Series - EMC Notes

## External Filter meets Total Solution (for EFT & Surge & EMI) EN 55032, class B; FCC part 15, level B



Model	D1	C1, C2	L1, L2	L3	L4	C3	L5, L6	C4	C5	C6	C7	C8	C9	C10	C11
MDW12-12SXX MDW12-24SXX	V10P45	560µF/50V CHEMI-CON KY Series	---	0.03µH/3A /26mΩ 74484133 0	---	---	---	470pF/2kV 1808 X7R	680pF/2kV 1808 X7R	680pF/2kV 1808 X7R	470pF/2kV 1808 X7R	---	---	---	---
MDW12-12DXX MDW12-24DXX	---	560µF/50V CHEMI-CON KY Series	56µH/770 mA/420m Ω 74477415 6	---	---	---	300Ω/ 3A 1206 74279212 1	100pF/ 2kV 1808 X7R	220pF/ 2kV 1808 X7R	820pF/ 2kV 1808 X7R	100pF/ 2kV 1808 X7R	---	---	100pF/ 2kV 1808 X7R	820pF/ 2kV 1808 X7R
MDW12-48SXX	---	150µF/100V CHEMI-CON KY Series	56µH/770 mA/420m Ω 74477415 6	---	1.6µH/2A/ 90mΩ 74480120 02	100pF/2kV 1808 X7R	---	100pF/2kV 1808 X7R	100pF/2kV 1808 X7R	680pF/2kV 1808 X7R	100pF/2kV 1808 X7R	100pF/2kV 1808 X7R	---	---	---
MDW12-48DXX	---	150µF/100V CHEMI-CON KY Series	56µH/770 mA/420m Ω 74477415 6	400µH/ 4.5A/ 22mΩ 74480145	1.6µH/ 2A/ 90mΩ 74480120	2.2µF/ 100V 1210 X7R	---	100pF/ 2kV 1808 X7R	---	470pF/ 2kV 1808 X7R	470pF/ 2kV 1808 X7R	470pF/ 2kV 1808 X7R	220pF/ 2kV 1808 X7R	---	100pF/ 2kV 1808 X7R