

Common Mode Chokes for DC/DC Embedded Applications

CMC 2WR Series



Package	Indicative RMS Current for 40°C Heating* above 25°C	Max Dimensions (LxWxH in mm)	Number of Pins	Weight (grams)
CMC15	0.6A - 6.7A	22 x 16 x 8	2 x 4 SMD	5
CMC18	0.9A - 9.9A	26.5 x 20 x 9	2 x 4 SMD	10
CMC22	1.9A - 14.3A	37 x 24 x 12.5	2 x 4 SMD	26

* Values without heatsink; these values can be increased with appropriate cooling device

- MicroSpire's «SESI Technology» planar solution for high grade common mode chokes
- Three standard packages in a qualified technology for extreme working conditions
- Compliant with MIL-STD-202, ECSS-Q-70-02 (aerospace) and DO-160 (avionics) standards
- Already qualified by the CNES for space applications (ESCC Capability Approval in progress with the European Space Agency)
- Low profile and light design
- Highly efficient and reliable technology
- Extended operating temperature range from -55 °C to +125 °C
- Enlarged temperature stability of the performances
- SMD versions suited for IR and vapor reflow soldering

Shielded versions with thin six-face tinned copper box upon request
(3 times less EMI radiation)

