## **Inductor Ranges Give Design Engineers Choices**



C&D Technologies introduced five series of bobbin format devices. The 4500, 4600, 4700S, 4800S and 4900S series offer a broad range of inductance values and current ratings to provide design engineers tasked with developing power systems, the maximum amount of choice for their applications. The ranges have a compact design that aids their inclusion in applications where PCB real-estate is limited and component height is restricted. All parts feature an integral ferrite shield to reduce electromagnetic interference (EMI) and are fully compliant with the RoHS directive, and the requirements of China RoHS. The 4500 and 4600 series are suitable for power-line filtering applications found in consumer electronics equipment such as desktop computers, LED applications and GPS systems. The 4600 series is rated up to 8.7A and offered with inductance values between 0.28 µH and 1.0 mH. The lower profile 4500 series has the same inductance values and a maximum 8A rating. Both devices have a footprint of 7. 3 mm  $\times$  7.3 mm. Overall height is 3.55mm for the 4500 series and 4.55 mm for the 4600 series. Operating temperature range is -40°C to +125°C. **C&D** Technologies

508-339-3000, <u>www.cd4power.com</u> [1]

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