Customer Request Form Inductor

Inductor Type:

☐ AC ☐ DC ☐ PFC ☐ Filter ☐ Other:

Electrical Specifications (Not all may apply for application):

1. I (Amps) (☐AC or ☐DC):
2. Ipk (Amps):
3. Iripple,pk-pk (Amps):
   a. @ kHz or Irms(@harmonics): Please provide table or graph
4. Isat (@specified inductance drop) (A):
   a. ΔL (%):
5. Fundumental Frequency (Hz):
6. Switching Frequency (kHz):
7. Inductance @ specified I (µH) (☐Min or ☐Nom):
8. Max Voltage Across Inductor (V):
9. Q (min):
10. DC Resistance (Ω Max):
11. Ambient Temp (^{o}C):
12. Max Temp Rise (^{o}C):
13. Other Comments:

Mechanical Specifications:

1. Size Restrictions (LxWxH) (mm):
2. Max Weight (kgs):
3. Electrical Connection:
   ☐Terminal ☐Through hole ☐Flying leads ☐Other:
4. Lead/Pin Length (mm):
5. Mounting / Packaging Preferences:
   ☐SMD ☐Mounting bracket ☐Vertical ☐Horizontal ☐Thermal Potting ☐Fully Encapsulated ☐Varnish ☐Other:
6. Cooling Method:
   ☐Heat sink ☐Convection ☐Liquid ☐Other:
7. Other Comments:

Safety:

1. UL, Military, Medical or Automotive Stds:
2. Hipot Requirement (☐Vac or ☐Vdc):
3. Other Comments:

Any other information not provided above, such as graphs, electrical data, or application notes, which may be useful in providing an optimal design: