

Inductor Inquiry

Please complete the form as thoroughly as possible.
Note that not all fields are mandatory.

Project Information					
Company Name		Quantity per year		Project duration	
Market		SiC ?			
Inductor Information					
Nominal Current (Arms)		Arms			
Max Current (Apeak)		Apeak			
Low Frequency or DC Current		Arms or Adc			
Fundamental low frequency		Hz			
FFT: 3 first Low Frequency Harmonics		xx Arms @ xx Hz xx Arms @ xx Hz xx Arms @ xx Hz			
Ripple Frequency (f)		kHz			
Ripple Current (ΔI)		App			
FFT: 3 first High Frequency Harmonics		xx Arms @ xx Hz xx Arms @ xx Hz xx Arms @ xx Hz			
Nominal inductance @Apeak		xx uH @ xx Apeak			
For Linear inductance		For non-linear inductance			
Inductance at saturation L(Isat)		Working Point 1 (L0) no load inductance)			
		Working Point 2 (L(I))			
		Unipolar			
Applicable Standards		Comments			
Applicable standard	EN				
Rated insulation voltage (The highest voltage potential that appear to the insulation system)	Um =				
Voltage Insulation test					
UL listed materials necessary?					
Insulation					
Clearance cl					
Creepage distance cr					
Partial-discharge extinction voltage					
Ambient Conditions					
Ambient temperature [°C]	From		To		
Cooling type	Natural convection	forced air cooling m/s	mounted on cold plate with Tmax = __ °C		
Required temperature class					
Required noise level			dB		
Required protection class (IP)					