

**CONTACT INFORMATION**

Contact Person \_\_\_\_\_ Email \_\_\_\_\_  
 Company \_\_\_\_\_ Phone \_\_\_\_\_ Ext \_\_\_\_\_ Fax \_\_\_\_\_  
 General Application of this product: \_\_\_\_\_

Please complete the relevant information below for the critical parameters of the part.

**ELECTRICAL REQUIREMENTS**

Application: Power / Energy Storage or Filter / Frequency Selection

L: _____ H	Frequency (range): _____ Hz
DC Bias: _____ Adc	SRF: _____ Hz
L @ DC Bias: _____ H	ET: _____ V - µsec
Q Min. @ nominal L: _____	DCR (Max.): _____ Ohms
% of Saturation (Max.): _____ %	Dielectric Rating: _____ Vac / Vdc
AC Current or Voltage Level: _____ Aac or Vac	Operating Temperature Range: _____ to _____
DC Current or Voltage Level: _____ Adc or Vdc	Maximum Temperature Rise (°C): 10 20 30 40 50 _____
Impedance: _____ Ohms @ _____ Hz	

**SCHEMATIC**

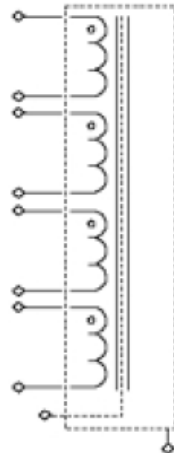
Voltage: \_\_\_\_\_ AC or DC  
 Current: \_\_\_\_\_ Rms or Peak  
 Other: \_\_\_\_\_

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 Current: \_\_\_\_\_ Rms or Peak  
 Other: \_\_\_\_\_

Screen or Shield  
 Thick: \_\_\_\_\_  
 Material: \_\_\_\_\_



**Buck and Boost Inductors**

Input Voltage: \_\_\_\_\_ V  
 Output Voltage: \_\_\_\_\_ V  
 Switching Frequency: \_\_\_\_\_ Hz  
 Maximum DC Output Current: Current: \_\_\_\_\_ A  
 Minimum DC Output Current: Current: \_\_\_\_\_ A  
 Maximum Duty Cycle: \_\_\_\_\_ %  
 Minimum Duty Cycle: \_\_\_\_\_ %  
 AC Ripple: \_\_\_\_\_ %

Outer Shield  
 Thick: \_\_\_\_\_ Budgetary / Target Price: \_\_\_\_\_  
 Material: \_\_\_\_\_ @ \_\_\_\_\_

**PHYSICAL REQUIREMENTS**

Flame Retardant: Yes No	Mounting Style: Vertical or Horizontal
Standard Varnish: Yes No	Thru Hole Surface Mount Flying Leads Other
Encapsulated: Yes No	Inside Diameter (Min.): _____
Hermetically Sealed: Yes No	Length (Max.): _____
Shielded: Yes No	Width (Max.): _____
RoHS Compliant: Yes No	Height (Max.): _____
	Temperature Class (°C): 105 130 155 180 200

**OTHER REQUIREMENTS**

\_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_ Continue on separate sheet if necessary)

**PRIORITIZATION (1 – HIGHEST)**

\_\_\_\_\_ Size  
 \_\_\_\_\_ Efficiency  
 \_\_\_\_\_ Cost

**Pin Requirements**


Grid Units: \_\_\_\_\_