

Inductor Design Worksheet

Contact

Name: _____ Company: _____
E-mail: _____ Phone: _____

Electrical

- Common Mode Differential Mode
 PFC Resonant

For PFC inductor only, please specify RMS current at 100-120Hz: _____

And peak to peak current for operation frequency: _____

	Winding 1	Winding 2	Winding 3
Inductance Range:	_____	_____	_____
Rated Current:	_____	_____	_____
Ripple Current:	_____	_____	_____
Q(Quality factor if relevant):	_____	_____	_____
SRF(Self-resonant frequency if relevant) minimum:	_____		

Mechanical

Mounting type:

- Surface mount Through hole

Other: _____

Maximum size:

Length _____ Width _____ Height _____

Safety and environmental requirements

Dielectrical withstanding voltage: _____ DC RMS

Ambient temperature range (°C) : _____

Temperature rise, maximum (°C) : _____

Lead/terminal finish: tin/lead Pure tin

Other: _____

Other

Sample quantity: _____ Date needed: _____

EAU(Estimated annual quantity): _____

Production start date: _____

Budgetary target price (USD) : _____

Specific application for this product: _____

Program name: _____

Restricted/ITAR: Yes No