

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



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