

Prototype Thermoelectric Cooler Requirements Form

Customer Name		Name of Requestor	
Customer Project (If known)		Date	
Application		Quantities	

Module Type

- | | | | |
|---|--|---|---|
| <input type="checkbox"/> CP Series | <input type="checkbox"/> HiTemp ET Series | <input type="checkbox"/> OptoTEC OT Series | <input type="checkbox"/> PowerCycling PC Series |
| <input type="checkbox"/> Annular Series | <input type="checkbox"/> UltraTEC UTX Series | <input type="checkbox"/> PolarTEC PT Series | <input type="checkbox"/> Multistage MS Series |
| <input type="checkbox"/> ZT Series | | | |

Performance Requirements

	Input (Filled out by Customer)		Output (Filled out by Laird Thermal Systems)	
	Value	Notes	Value	Notes
Voltage (V)				
Current (A)				
Qc (W)	Active			
	Passive			
	Total			
dT (°C)	Ambient			
	Target			
AC Resistance Request (Ω)				
COP Request				

Size Requirements (mm)

Length - Cold Side				
Width - Cold Side				
Length - Hot Side				
Width - Hot side				
Height				
Hole size (if Annular)				

Other

Heat Sink Thermal Resistance				
Cold Side Thermal Resistance				
Ambient Environment				
Lead length				
AWG				

Type	<input type="checkbox"/> PVC <input type="checkbox"/> PTFE <input type="checkbox"/> None <input type="checkbox"/> Other, please specify:
Connector	
Other Lead Notes	
Finishing Option - Cold Side	<input type="checkbox"/> L/11 <input type="checkbox"/> L1/TA <input type="checkbox"/> L2/TB <input type="checkbox"/> Pre-tinned <input type="checkbox"/> Metallized <input type="checkbox"/> Au Plated
Finishing Option - Hot Side	<input type="checkbox"/> L/11 <input type="checkbox"/> L1/TA <input type="checkbox"/> L2/TB <input type="checkbox"/> Pre-tinned <input type="checkbox"/> Metallized <input type="checkbox"/> Au Plated
Sealant	<input type="checkbox"/> RTV <input type="checkbox"/> EP <input type="checkbox"/> EC <input type="checkbox"/> None

To be filled out by Laird Thermal Systems

Engineer	
Result	
Date Returned	
Notes	