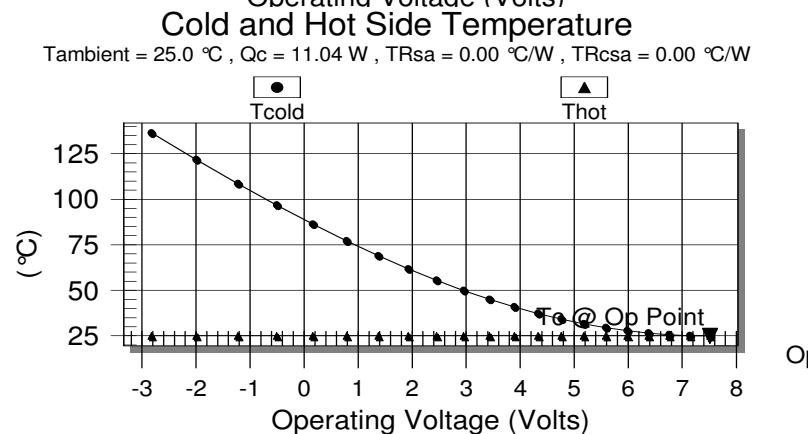
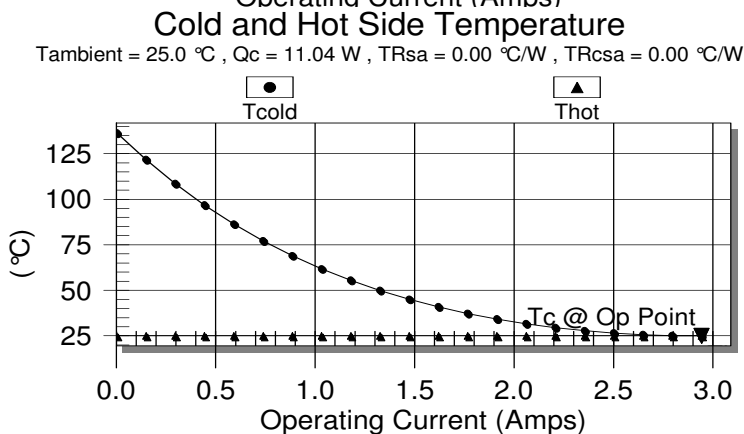
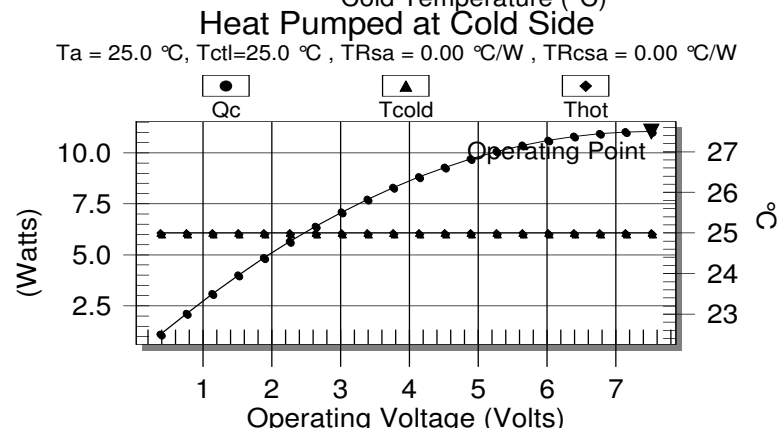
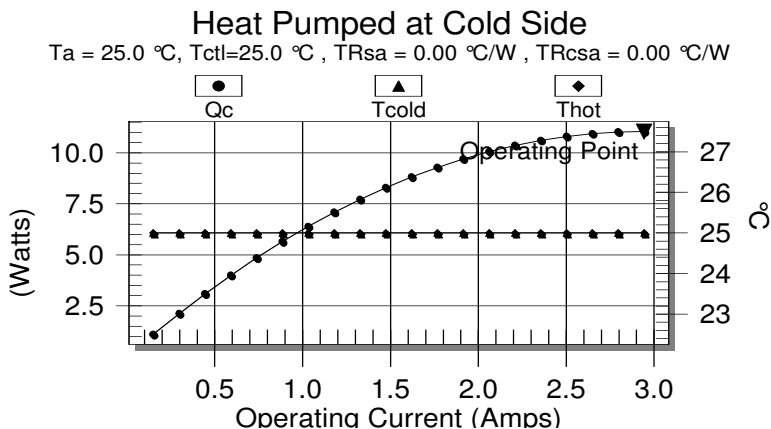
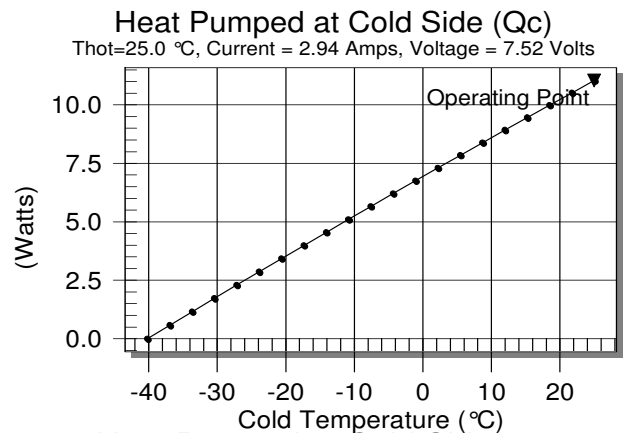
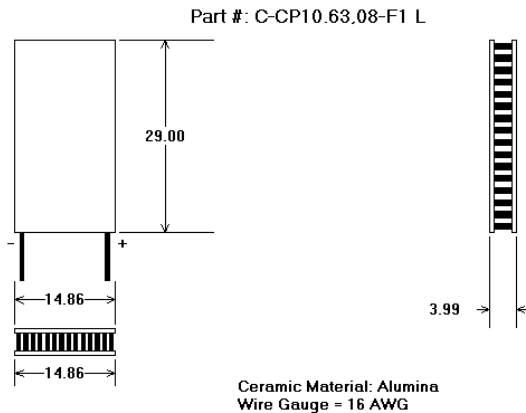


Thermoelectric Cooling

C-CP10.63,08-F1 L

Cooling Requirements	Values
Ambient Temperature (Ta) (°C)	25
Hot Side Thermal Resistance (°C/W)	0
Control Thermal Resistance (°C/W)	0.0
Control Temperature (Tctl) (°C)	25
Voltage (Volts)	7.52
Current (Amps)	2.94

Thermoelectric Parameters	Values
Geometry Factor (cm)	0.050
Number of Couples	63
(Tc) TEC Cold Temp (°C)	25.00
(Th) TEC Hot Temp (°C)	25.00
(Qc) Heat Pumped at Cold Surface (W)	11.04
COP	0.50
Optimum COP	>10
(Pin) Power Supply (W)	22.12
(Qh) Total Hot Side Heat Dissipated (W)	33.16
DT Max (C°) (@Qc=0)	65.20
Qmax (W) DT=0	11.04



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