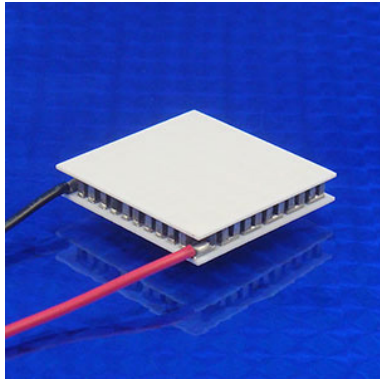


Part #	I <sub>max</sub> (Amps)	Q <sub>max</sub> (Watts)	V <sub>max</sub> (Volts)	DT <sub>max</sub> (°C)	T <sub>max</sub> (°C)
<b>0711C-9P31-15CQ</b>	15.3	95.1	9.3	72°C	200°C



**Thermal Cycler TEC**  
 Built to withstand Thermal Cycling such as PCR, material testing, and medical devices. Unique manufacturing method allows linear thermal expansion / contraction without stress accumulation resulting in a long life compared to standard TECs.

**Custom Options:**

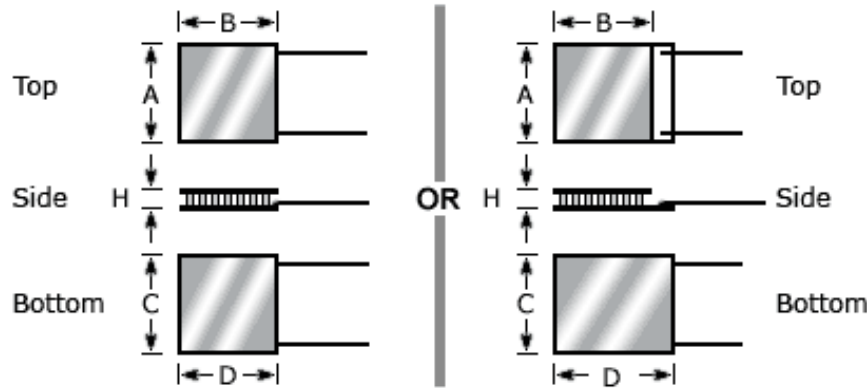
Call for custom wire types and other custom options.

**Notes:**

Typical power input is 40% to 80% of I<sub>max</sub>  
 Maximum Waste Heat (exiting the hot side) at 100% input power, I=I<sub>max</sub>, V=V<sub>max</sub> is;  
 $(I_{max} * V_{max}) + Q_{max} = 237.39 \text{ watts}$   
 Use of a properly sized heat sink or water block is required to remove waste heat.

Bottom Plate				Top Plate				Metallized Height		Lapped Height	
A		B		C		D		H		H	
mm	in	mm	in	mm	in	mm	in	mm	in	mm	in
40.00	1.575	40.00	1.575	40.00	1.575	40.00	1.575	na	na	4.60	.181

Weight (w/o leads)
- grams
ACR (Resistance)
0.46 Ohms



Tolerances (typical)  
 A, B, C, D = ±0.25mm (±0.01")  
 H = ±0.15mm (±0.006")

