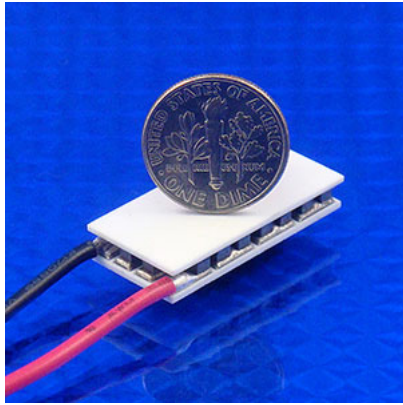


TEC Specification Sheet



Part #	I _{max} (Amps)	Q _{max} (Watts)	V _{max} (Volts)	DT _{max} (°C)	T _{max} (°C)
01511-5P31-12CFL	12.0	13.4	1.8	65°C	125°C



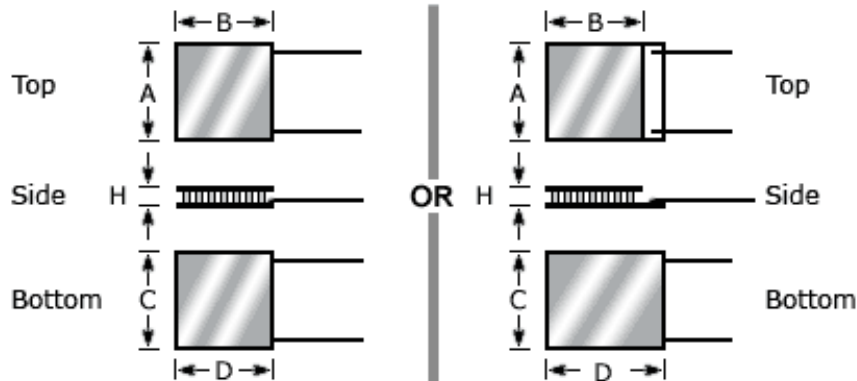
Custom Options:

Call for custom wire types and other custom options.

Notes:

Typical power input is 40% to 80% of I_{max}
 Maximum Waste Heat (exiting the hot side) at 100% input power, I=I_{max}, V=V_{max} is;
 $(I_{max} * V_{max}) + Q_{max} = 35.0 \text{ watts}$
 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
15.00	0.79	30.00	1.18	15.00	0.79	30.00	1.18	NA	NA	4.5	0.179



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

