

TEC Specification Sheet



Part #	I _{max} (Amps)	Q _{max} (Watts)	V _{max} (Volts)	DT _{max} (°C)	T _{max} (°C)
12711-9L31-09CW	9.0	77.1	15.4	68°C	200°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;

$$(I_{\max} * V_{\max}) + Q_{\max} = 215.7 \text{ watts}$$

Use of a properly sized heat sink or water block is required to remove waste heat.

Top Plate				Bottom Plate				Metallized Height		Lapped Height	
A		B		C		D		H		H	
mm	in	mm	in	mm	in	mm	in	mm	in	mm	in
50.00	1.97	50.00	1.97	50.00	1.97	50.00	1.97	NA	NA	4.5	.177

