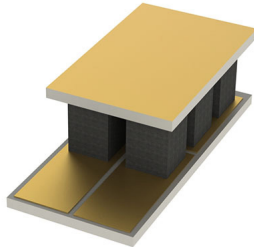


TEC Specification Sheet

Part #	I _{max} (Amps)	Q _{max} (Watts)	V _{max} (Volts)	DT _{max} (°C)	T _{max} (°C)
00301-9X30-10RU2	1.0	0.20	0.35	70°C	200°C

***** This device is normally supplied without lead wires. *****

AWG 30 Stranded Teflon insulated lead wires are available as an option



Metallized surfaces

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;

$$(I_{max} * V_{max}) + Q_{max} = \mathbf{0.55 \text{ watts}}$$

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
1.2	0.047	1.9	0.075	1.2	0.047	2.6	0.102	1.4	0.055	-	-

