TEC Specification Sheet



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Part #		I _{max}	I _{max} (Amps)		Q _{max} (Watts)		V _{max} (Volts)		°C) 1	Г _{max} (°С)
04812-5L31-04		4.3		7.0		3.8			125°C	
	Lap	2 Stage TEC Lapped ceramic faces			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; $(I_{max} * V_{max}) + Q_{max} = 23.34$ 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			С	;	D		н		н	
mm in	mm	in	mm	in	mm	in	mm	in	mm	in
20.00 .787 2	0.00	.787	15.00	.591	15.00	.591	NA	NA	6.9	.272
Weight (w/o leads) 7.5 grams ACR (@27°C) 0.74 ohms $\pm 10\%$									£0.010)	
TOP VIEW SIDE										
$ \begin{array}{c} 8 \\ 7 \\ 6 \\ 7 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0$	17/31 Couples 4.3 Amps 27°C = Th	4 (stlov) > 1 0 0		Volts Vs.	Imax I = 4 I = 3 I = 2 I = 1	4.3 Am 27°C =	Th			

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Delta T (°C)

I (amps)