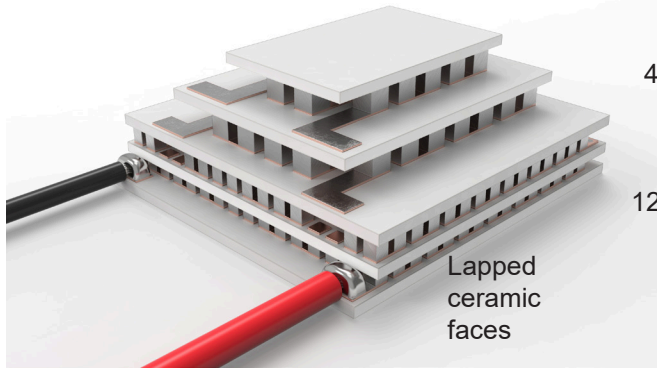


TEC Specification Sheet

Part #	I _{max} (Amps)	Q _{max} (Watts)	V _{max} (Volts)	DT _{max} (°C)	T _{max} (°C)
28414-5R30-47CGE	4.7	6.5	14.6	125°C	125°C



4 Stage TEC
 11 cpl Top
 22 cpl
 124 cpl
 127 cpl Bottom

Lapped ceramic faces

Custom Options:

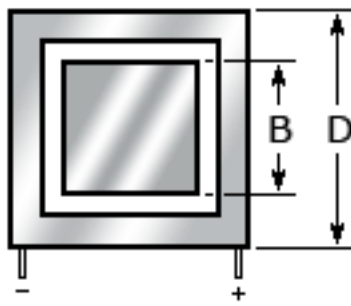
Call for custom wire types and other custom options.

Notes:

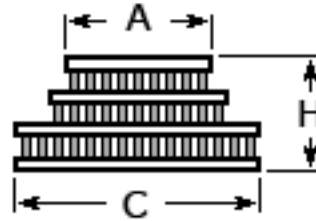
Typical power input is 40% to 80% of I_{max}
 Maximum Waste Heat (exiting the hot side) at 100% input power, I=I_{max}, V=V_{max} is;
 $(I_{max} * V_{max}) + Q_{max} = 75.12 \text{ watts}$
 Use of a properly sized heat sink or water block is required to remove waste heat.

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
8.50	.335	13.00	.512	19.50	.768	20.80	.819	NA	NA	7.8	.307

Weight (w/o leads)
8 grams
ACR (@27°C)
3.0 ohms ±10%



TOP VIEW



SIDE VIEW

Tolerances (typical)
 A, B, C, D = ±0.13mm (±0.005")
 H = ±0.3mm (±0.012")

