

Part #	I _{max} (Amps)	Q _{max} (Watts)	V _{max} (Volts)	DT _{max} (°C)	T _{max} (°C)
02302-9A30-17RU4B	1.7	0.9	2.3	97°C	200°C

FACES:

Top and bottom ceramic faces are metallized and with a final gold (Au) plating 0.25um thick ready for solder mounting.

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;

Tolerances (typical) A, B, C, D = ±0.13mm (±0.005") H = ±0.15mm (±0.006")

$$(I_{max} * V_{max}) + Q_{max} = 4.81$$
 watts

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

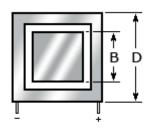
Bottom Plate			Top Plate				Metallized Height		Lapped Height		
/	4	E	3	([)	Н		Н	
mm	in	mm	in	mm	in	mm	in	mm	in	mm	in
3.90	0.154	10.00	0.394	3.90	0.154	10.00	0.394	3.2	0.126	NA	NA

Weight (w/o leads)

0.5 grams

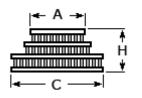
ACR (@27°C)

1.1 ohms ±10%



TOP VIEW

ΔTmax Qmax Imax Umax



SIDE VIEW

	At 27°C in vacuum	С		W		А	V			
	02302-9A30-17RU4B	100	0	0.9		1.7	2.3			
110										
100					+					
90										
80		/			_					
70										
o 60						-				
O, 1, 00 50 50										
40										
30										
20			/							
10		/								
3.0										
Voltage, V										
1.0										
> 0.0										
	0.2 0.4 0.6	0.8	1.0	1.2	1.4	1.6	1.8	2.0		
Operating Current, A										
	Heatload, W	0.0	0.2			0.6	0.7			
	% from Qmax	0%	20%	40%		60%	80%			

