

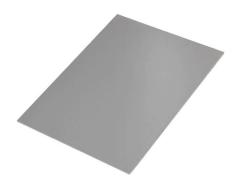
date 11/15/2018

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SERIES: AF500 | DESCRIPTION: THERMAL PAD

FEATURES

- 3.0 W/m*K thermal conductivity
- naturally tacky
- silicone free
- electrical isolation
- sizes to match CUI peltier footprints





SPECIFICATIONS

parameter	test method/conditions/description	min	typ	max	units
material	non-silicone elastomer				
color	grey				
thickness	ASTM D751		0.5		mm
specific gravity	ASTM D297		2.9		g/cc
hardness	ASTM D2240	65		75	shore 00
tensile strength	ASTM D412		30		psi
continuous use temperature		-45		125	°C
dielectric breakdown voltage	ASTM D149	2500			V
dielectric constant (1 MHz)	ASTM D150		8.0		
volume resistivity	ASTM D257		1013		Ω*cm
thermal conductivity	ASTM D5470		3.0		W/m*K
RoHS	yes				

PART NUMBER KEY

<u>AF500</u> - <u>XXXX</u> 05

Base Number

Footprint Size (mm):

 $10 \times 10 = 1010$

 $15 \times 15 = 1515$

15x30 = 1530

20x20 = 202020x40 = 2040

 $26.25 \times 50 = 2650$

30x12 = 3012

30x12 = 301230x30 = 3030

 $31.25 \times 30 = 3130$

40x40 = 4040

40x40 = 4040 41.25x45 = 4145

50x50 = 5050

70x70 = 7070

Additional Resources: Product Page

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REVISION HISTORY

rev.	description	date	
1.0	initial release	11/15/2018	

The revision history provided is for informational purposes only and is believed to be accurate.



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CUI offers a one (1) year limited warranty. Complete warranty information is listed on our website.

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CUI products are not authorized or warranted for use as critical components in equipment that requires an extremely high level of reliability. A critical component is any component of a life support device or system whose failure to perform can be reasonably expected to cause the failure of the life support device or system, or to affect its safety or effectiveness.