

## SERIES: SF500 | DESCRIPTION: THERMAL PAD

#### **FEATURES**

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



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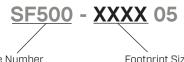
# RoHS

### **SPECIFICATIONS**

parameter	test method/conditions/description	min	typ	max	units
material	silicone elastomer				
color	blue				
thickness	ASTM D751		0.5		mm
specific gravity	ASTM D297		2.9		g/cc
hardness	ASTM D2240	25		90	shore OO
tensile strength	ASTM D412		25		psi
continuous use temperature		-58		200	°C
dielectric breakdown voltage	ASTM D149	2500			V
dielectric constant (1 MHz)	ASTM D150		6.0		÷
volume resistivity	ASTM D257		10 <sup>13</sup>		Ω*cm
thermal conductivity	ASTM D5470		3.0		W/m*K
RoHS	yes .				

### PART NUMBER KEY

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Base Number

Footprint Size (mm): 10x10 = 1010 15x15 = 1515 15x30 = 1530 20x20 = 2020 20x40 = 2040 26.25x50 = 2650 30x12 = 3012 30x30 = 3030 31.25x30 = 3130 40x40 = 4040 41.25x45 = 4145 50x50 = 505070x70 = 7070

#### **REVISION HISTORY**

rev.	description	date	
1.0	initial release	11/02/2018	
1.01	brand update	03/23/2020	
1.02	logo, datasheet style update	08/05/2022	

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

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



CUI Devices reserves the right to make changes to the product at any time without notice. Information provided by CUI Devices is believed to be accurate and reliable. However, no responsibility is assumed by CUI Devices for its use, nor for any infringements of patents or other rights of third parties which may result from its use.

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**CUI Devices**:

<u>SF500-101005</u> <u>SF500-151505</u> <u>SF500-153005</u> <u>SF500-202005</u> <u>SF500-414505</u> <u>SF500-505005</u> <u>SF500-707005</u> SF500-204005 SF500-265005 SF500-301205 SF500-303005 SF500-313005 SF500-404005</u>