

**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

**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****SF500 - XXXX 05**

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 = 5050  
 70x70 = 7070

## REVISION HISTORY

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rev.	description	date
1.0	initial release	11/02/2018
1.01	brand update	03/23/2020

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

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# CUI DEVICES

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