

# SERIES: SF500G | DESCRIPTION: THERMAL PAD

#### **FEATURES**

- 3.5 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		3.0		g/cc
hardness	ASTM D2240	25		80	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		3.5		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 = 5050 70x70 = 7070

#### **REVISION HISTORY**

rev.	description	date	
1.0	initial release	11/02/2018	
1.01	brand update	03/24/2020	
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.



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