

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 00
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 ¹³		Ω*cm
thermal conductivity	ASTM D5470		3.5		W/m*K
RoHS	yes				

PART NUMBER KEY**SF500G - 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

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.

Mouser Electronics

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