



SERIES: SF500 | **DESCRIPTION:** THERMAL PAD

FEATURES

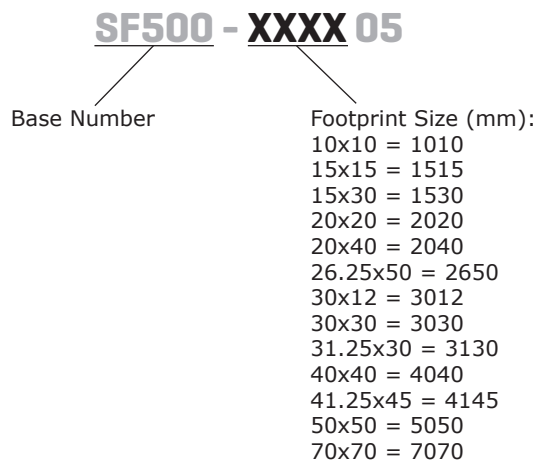
- 3.0 W/m*K thermal conductivity
- naturally tacky
- silicone based
- electrical isolation
- sizes to match CUI peltier footprints



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 ¹³		Ω*cm
thermal conductivity	ASTM D5470		3.0		W/m*K
RoHS	yes				

PART NUMBER KEY



REVISION HISTORY

rev.	description	date
1.0	initial release	11/02/2018

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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