



**SERIES:** SF100 | **DESCRIPTION:** THERMAL PAD

**FEATURES**

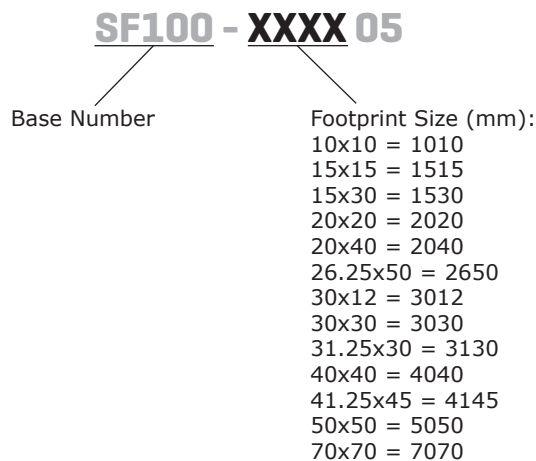
- 1.5 W/m\*K thermal conductivity
- naturally tacky
- silicone based
- electrical isolation
- sizes to match CUI peltier footprints



**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		2.2		g/cc
hardness	ASTM D2240	15		80	shore OO
tensile strength	ASTM D412		35		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		1.5		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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CUI products are not authorized or warranted for use as critical components in equipment that requires an extremely high level of reliability. A critical component is any component of a life support device or system whose failure to perform can be reasonably expected to cause the failure of the life support device or system, or to affect its safety or effectiveness.