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



RoHS

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 00
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^{13}		Ω*cm
thermal conductivity	ASTM D5470		1.5		W/m*K
RoHS	yes				

PART NUMBER KEY

SF100 - 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	03/23/2020
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.

CUI Devices reserves the right to make changes to the product at any time without notice. Information provided by CUI Devices is believed to be accurate and reliable. However, no responsibility is assumed by CUI Devices for its use, nor for any infringements of patents or other rights of third parties which may result from its use.

CUI Devices 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.

cuidevices.com