CUI DEVICES

SERIES: SF100S | 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	30		50	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

SF100S - 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.

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