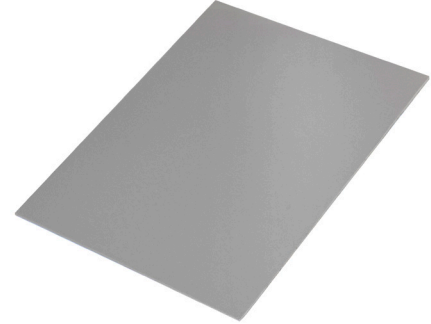


SERIES: SF600 | **DESCRIPTION:** THERMAL PAD

FEATURES

- 5.0 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 | dark grey | | | | |
| thickness | ASTM D751 | | 0.5 | | mm |
| specific gravity | ASTM D297 | | 3.1 | | g/cc |
| hardness | ASTM D2240 | 35 | | 80 | shore 00 |
| tensile strength | ASTM D412 | | 20 | | 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 | | 5.0 | | W/m*K |
| RoHS | yes | | | | |

PART NUMBER KEY
SF600 - 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 | 11/15/2018 |
| 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.



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