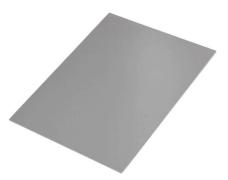


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SERIES: SF600 | DESCRIPTION: THERMAL PAD

FEATURES

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



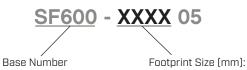
RoHS

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 OO |
| 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

.....



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 = 505070x70 = 7070

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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 | |
| 1.03 | CUI Devices rebranded to Same Sky | 09/12/2024 | |

The revision history provided is for informational purposes only and is believed to be accurate.

Same Sky offers a one [1] year limited warranty. Complete warranty information is listed on our website.

same sky

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Same Sky 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.