

SILICONE FREE THERMAL PAD

MSFP200

The MSFP200 material is Silicone free and has good thermal conductivity and compressibility characteristics. It is also has good aging resistance. It can be used in areas which are sensitive to Silicone such as Automotive, LED and where HDD is present. Can be supplied die cut to customers specification.



PRODUCT APPLICATION

- Medical Applications
- Laser Equipment
- LED's
- Aerospace
- HDD

| Item | Unit | MSFP200 |
|-----------------------|----------------------|---------------------|
| Thermal Conductivity | W/m.k | 2 |
| Thermal Resistance | K/W | >0.6 |
| Thermal Impedance | °Cmm ² /W | 218 |
| Hardness | Shore 00 | 55~70 |
| Thickness | mm | 0.5,1.0,2.0,3.0,5.0 |
| Breakdown Voltage | KV | >7 |
| Dielectric Breakdown | KV/mm | >14 |
| Density | g/cm ³ | 2.12 |
| Flammability | - | 94 V-0 |
| Max Temperature Range | °C | -40 ~ + 130 |
| Volume Resistance | Ohm-cm | >10 ¹¹ |
| Sheet Size | mm | 250x225 |
| Colour | - | Brown |

Part number system :

MSFP200-XX-T

XX = Thickness

05 - 0.5mm

10 - 1.0mm

20 - 2.0mm

30 - 3.0mm

40 - 4.0mm

50 - 5.0mm

T = Adhesive Tape

T1 - One side

T2 - Two Side

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