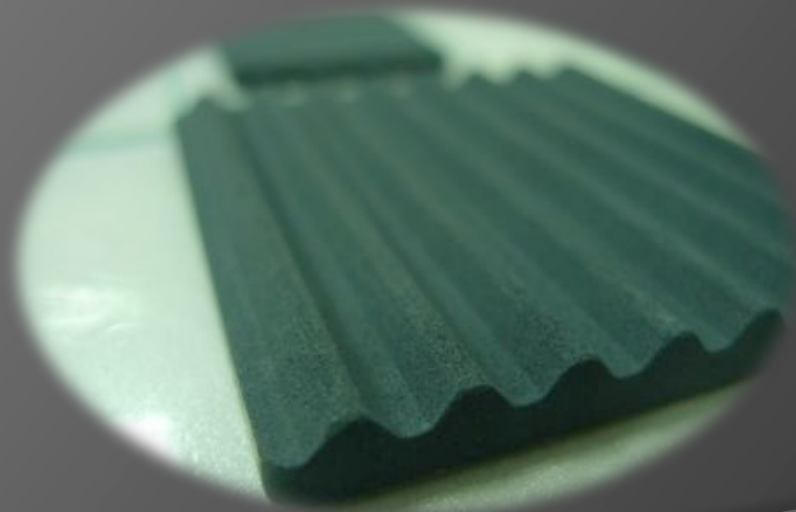
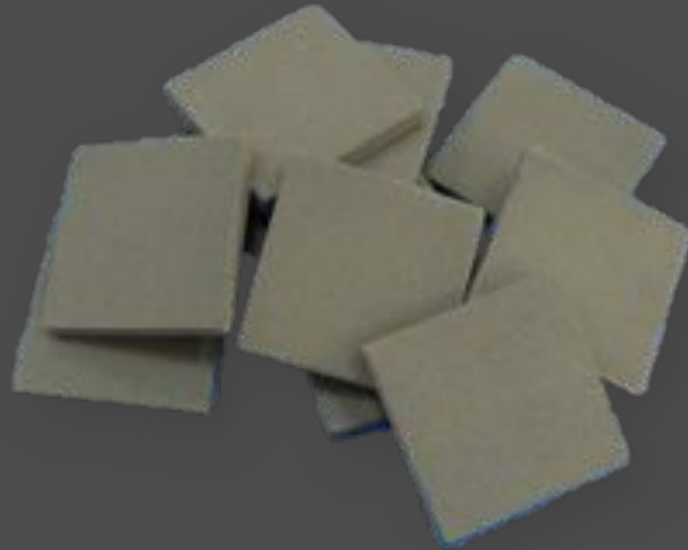
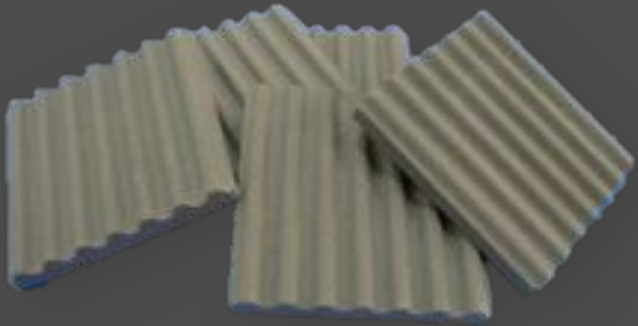


JunPus International Co., Ltd.

Ceramic Heat Sink-----New product Show



Product Introduction

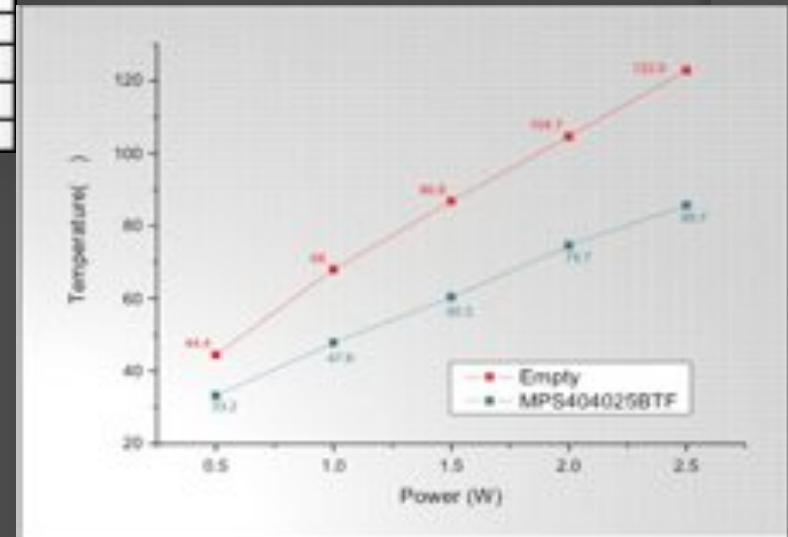
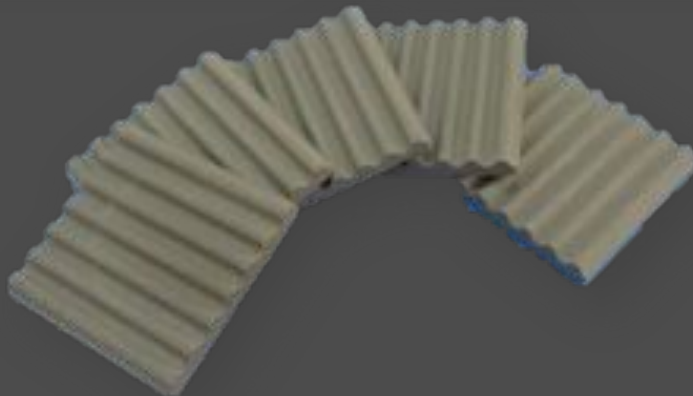
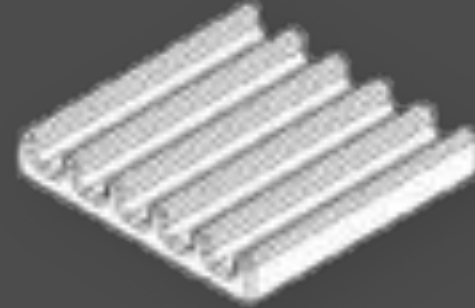


Feature:

1. Big air-contact area, good heat spreader.
2. Low weight
3. Easy to assemble
4. High Voltage Breakdown
5. High Resistance
6. The special shape can be ordered

Product Introduction

Main features	Item	Unit	Value	Method
Product		Ceramic Heat Sink with Micro-Pores Structure		
Product code		MP-SiC		
Color		Gray		
specific gravity		g/cm ³	2.7	CNS819
Porosity		%	30	CNS819
Water absorption		%	15.77	CNS819
Mechanical properties	Mohs' hardness	N/mm ²	5-6	DIN EN101-1992
	Flexural strength	kgf/cm ²	47.5	CNS12701(1990)
	Bulk density	g/cm ³	1.6-2.0	CNS2893(1989)
	Resistance insulation	Ω	20*10 ⁸	ASTMD257
	Thermal conductivity	w/m·k	5-6	
	Maximum operating temperature	°C	<500	
	Linear thermal expansion coefficient	10 ⁻⁶	4.13	RT-300°C
Chemical composition	Main composition		SiC	60%†
	composition		Al ₂ O ₃	10%†
	composition		SiO ₂	4%†
	composition		Binding agents	5%†



ITEM	PART NO.	SPEC.	APPLICATION
1	MPS101020BTF	Flat Type_10*10*2.0(mm)	POWER IC ; High Temp. Component ; Transistor
2	MPS151020BTF	Flat Type_15*10*2.0(mm)	POWER IC ; High Temp. Component ; Transistor
3	MPS151525BTF	Flat Type_15*15*2.5(mm)	POWER IC ; High Temp. Component ; Transistor
4	MPS201525BTF	Flat Type_20*15*2.5(mm)	POWER IC ; High Temp. Component ; Transistor
5	MPS202025BTF	Flat Type_20*20*2.5(mm)	STB ; AP ROUTER ; G PON ; Cable Modem ; BroadBand ; LED TV
6	MPS252525BTF	Flat Type_25*25*2.5(mm)	STB ; AP ROUTER ; G PON ; Cable Modem ; BroadBand ; LED TV
7	MPS303025BTF	Flat Type_30*30*2.5(mm)	STB ; AP ROUTER ; Cable Modem ; BroadBand ; VOIP
8	MPS404025BTF	Flat Type_40*40*2.5(mm)	STB ; AP ROUTER ; Cable Modem ; BroadBand ; LED TV (SCALAR IC)
9	MPS303050BTF	Flat Type_30*30*5.0(mm)	STB ; AP ROUTER ; Cable Modem ; BroadBand ; LED TV (SCALAR IC)
10	MPS404050BTF	Flat Type_40*40*5.0(mm)	STB ; AP ROUTER ; Cable Modem ; BroadBand ; LED TV (SCALAR IC)
11		Custom-made	Length : 10<L<50(mm) ; Width:10<W<50(mm) ; Thickness:2.5<T<6(mm) Remark : L:W > 1:2

Patent

