

CP Series / THINC Series

Thermal Insulation Rubber Cap

Features

- Low thermal contact resistance and buffer effect
- Good electrical insulation
- Decrease the weight of the product
- Easy to assemble

Applications

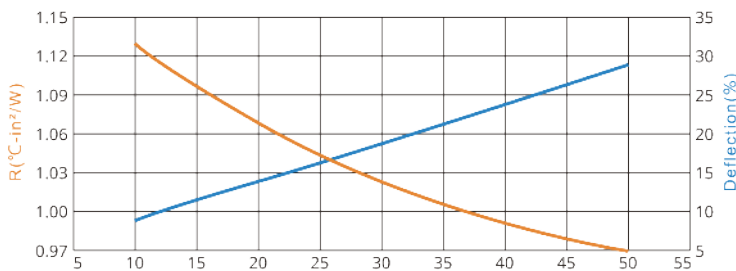
Electronic components - Electric Vehicles, 5G, Autopilot System, Mobile Phone, AIOT, HPC (High Performance Computing), Server, IC, CPU, MOS, LED, Mother Board, Power Supply, Heat Sink, LCD-TV, Notebook, PC, Telecom Device, Wireless Hub, DDR II Module, etc.

Standard Sizes (mm)

1. CP22 TO-220: 11.4x16x5.8
2. CP23 TO-220: 11.4x21.5x5.8
3. CP33 TO-247: 17.5x28.5x5.8

Properties

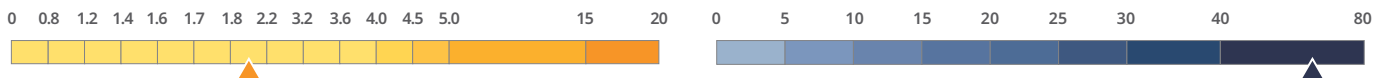
Thermal Resistance vs. Pressure vs. Deflection



Pressure(psi)	R(°C-in²/W)	Deflection(%)
10	1.13	9
20	1.07	14
50	0.97	29

Thermal Conductivity : 2 W/mK

Hardness : 65 (Shore A)



Properties	CP22/CP23/CP33	Unit	Tolerance	Test Method
Thermal Conductivity	2	W/mK	±10%	ASTM D5470
Thickness	0.3/0.45	mm	-	ASTM D374
Colour	Grey	-	-	Visual
Material	Silicone	-	-	-
Continuous Working Temperature	-45~+180	°C	-	-
Density	2.55	g/cm ³	-	ASTM D792
Dielectric Breakdown Voltage (AC)	4.1/6.1	KV	±10%	ASTM D149
Dielectric Breakdown Voltage (DC)	6.1/8.1	KV	±10%	ASTM D149
Dielectric Constant	5.8	1000Hz	-	ASTM D150
Thermal Impedance@10psi	1.13	°C-in ² / W	-	ASTM D5470
Thermal Impedance@20psi	1.07	°C-in ² / W	-	ASTM D5470
Thermal Impedance@50psi	0.97	°C-in ² / W	-	ASTM D5470
Hardness	65	Shore A	±7	ASTM D2240

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T-Global Technology are proud to announce the launch of a new company logo and mission statement as part of the ongoing growth and evolution of our company's brand.

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