



UNI-HOME INDUSTRY CORPORATION

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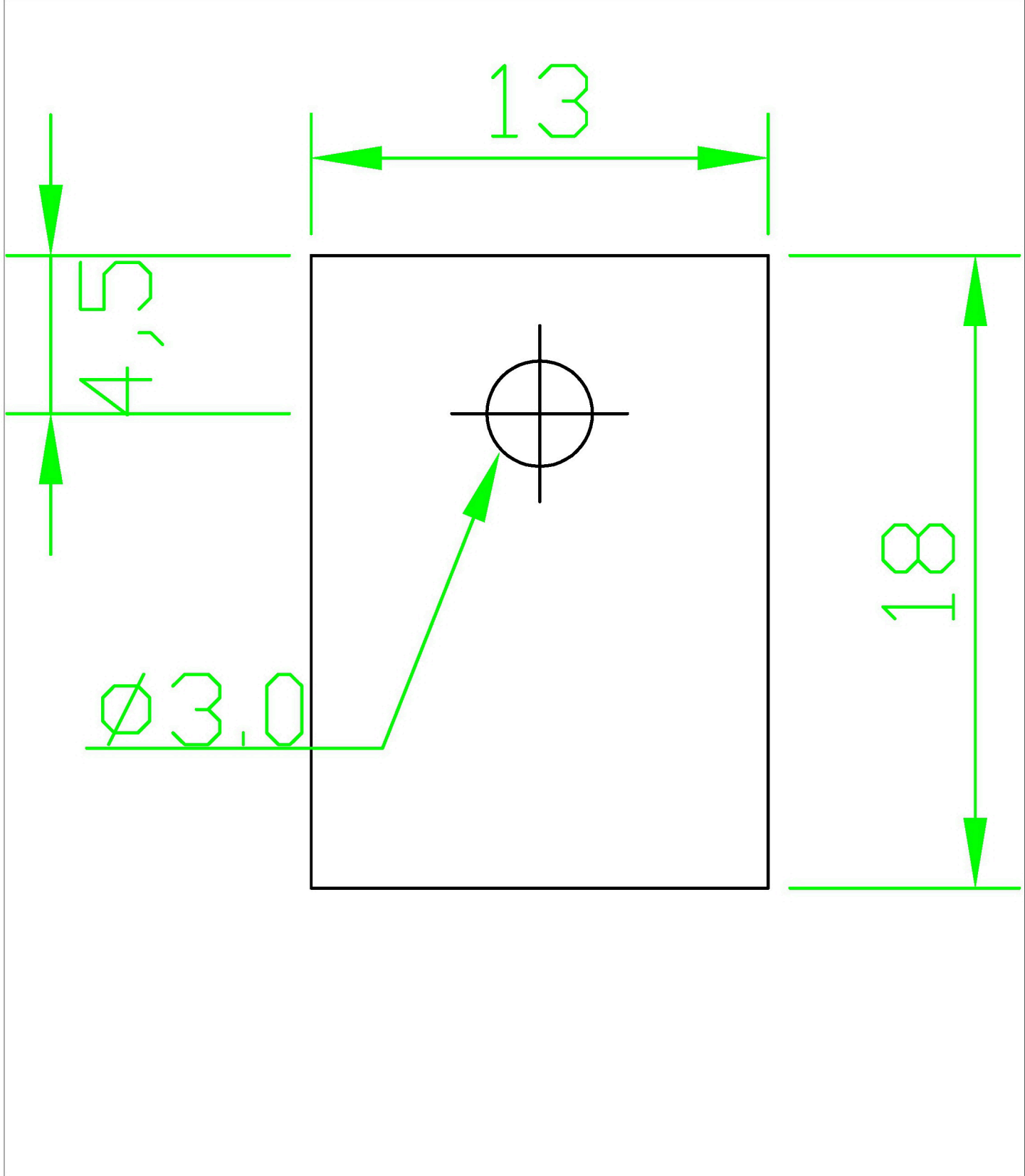
Thermal Insulator Pads

Specification: TO-220, TO-3P, TO-3, TO-220-BH, TO-3P-BH.

Thickness: 0.23 ~ 0.8mm

	Properties	HC-1000	Unit	Test Method
Physical	Color	Gray	Visual	—
	Reinforcement Layer	Fiberglass	—	—
	Finish	Smooth	Visual	--
	Thickness (Tol. ± 0.02)	0.23~0.8	mm	ASTM D374
	Operating Temperature	-40~+220	°C	—
Mechanical	Specific Gravity	1.60	—	ASTM D792
	Tensile Strength	150	kgf/cm ²	ASTM D412
	Tear Strength	6.70	%	ASTM D573
	Elongation	7~12	%	ASTM D412
	Hardness	70 $\pm$ 5	Shore A	ASTM D2240
Electrical	Voltage Breakdown	3500	V/mm	ASTM D149
	Volume Resistivity	2.0 x 10 ¹³	$\Omega \cdot \text{cm}$	ASTM D257
Thermal	Thermal Conductivity	0.3	W/m.k	ASTM D5470
Regulatory	Flammability Rating	V-0	—	UL94
	RoHS Compliant	Yes	—	Lab. Certification
	PFOA Compliant	Yes	—	Lab. Certification
	PFOS Compliant	Yes	—	Lab. Certification
	SVHC Compliant	Yes	—	Lab. Certification

* The above testing result comes from laboratory report, information for your reference only.



佑鴻工業股份有限公司

型號	TO-220	規格	13x18x0.3t		
品名	矽膠片	日期	98.11.02	尺寸單位	mm