

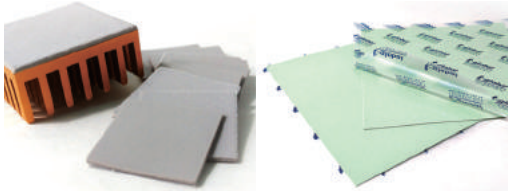


PRODUCT BROCHURE

- 導熱介面材料
Thermal Interface Materials
- 散熱片
Heat Sink
- 熱導管
Heat Pipe
- 均溫板
Vapor Chamber
- 致冷晶片
TEC
- 電磁波吸收材料
FAM
- 風扇
Fan
- 熱模擬分析服務
Thermal Simulation

More Innovation
Less Heat





TG-A series 導熱矽膠片 Ultra Soft Thermal Pad

高導熱特性，超軟特性和壓縮性好，絕緣性佳，具自黏性

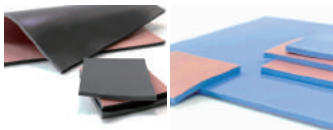
High thermal conductivity. High compressibility and compliancy. Electrical insulation. Natural tack.

Properties	Unit	TG-A2200	TG-A3500	TG-A4500	TG-A6200	TG-A1250	TG-A1450	TG-A1660	TG-A1780	Test Method
Thermal Conductivity	W/mK	2.2	3.5	4.5	6.2	12.5	14.5	16.6	17.8	ASTM D5470
Thickness	mm	0.5~2.0	0.5~8.0	0.5~8.0	0.5~8.0	0.5~8.0	0.5~2.0	0.5~2.0	0.5~2.0	ASTM D374
Color	-	Gray	Yellow	Purple	Blue	Green	Red	Dark Gray	Light Gray	Visual
Flame Rating	-	V-1	V-0	V-0	V-0	V-0	V-0	V-0	V-0	UL94
Dielectric Breakdown Voltage	KV/mm	5	6	6	6	6.5	4	5	4	ASTM D149
Weight Loss	%	< 1								ASTM E595
Density	g/cm ³	2.7	2.3	3.1	3.1	3.3	3.6	3.6	3.5	ASTM D792
Working Temperature	°C	-40~+180		-50~+150						-
Volume Resistance	Ohm-m	3x10 ¹²	8x10 ¹²	1x10 ¹³	1x10 ¹³	1x10 ¹³	7x10 ¹²	5x10 ¹²	6x10 ¹²	ASTM D257
Elongation	%	55	80	50	50	40	30	30	20	ASTM D412
Standard Shape	-	Sheet Ones								-
Hardness	Shore 00	15	30	50	50	50	60	65	65	ASTM D2240

TG-AK series 高性能導熱矽膠片 High Performance Thermal Pad

導熱良好，不易變形，施工性佳

Great thermal conductivity. Difficult to be deformed. Easy to assemble.



Properties	Unit	TG-20KX	TG-A38KX	TG-A20KF	TG-A38KF	Test Method
Thermal Conductivity	W/mK	2	3.8	1.8	3.3	ASTM D5470
Thickness	mm	0.3~10.0	0.5~10.0			ASTM D374
Color	-	Dark Gray	Blue	Dark Gray	Blue	Visual
Reinforcement Carrier	-	-		Fiberglass Mesh		-
Flame Rating	-	V-0				UL94
Dielectric Breakdown Voltage	KV/mm	>5		>8		ASTM D149
Weight Loss	%	<1				ASTM E595
Density	g/cm ³	2	3.1	2.1	3.1	ASTM D792
Working Temperature	°C	-40~+180	-40~+200	-40~+180	-40~+200	-
Volume Resistance	Ohm-m	3x10 ¹²				ASTM D257
Elongation (Silicone side)	%	160	110	160	110	ASTM D412
Standard Shape	-	Sheet Ones				-
Hardness (Silicone Side)	Shore00	55	60	55	60	ASTM2240

TG-A 玻纖系列導熱矽膠片 Fiberglass Mesh Series Thermal Pad

良好的導熱特性，表面附著玻纖，不易變形，絕緣耐電壓高

Very good thermal conductivity. Fiberglass on one side. Non deforming. Electrical insulation.



Properties	Unit	TG-A3500F	TG-A4500F	TG-A6200F	Test Method
Thermal Conductivity	W/mK	3	4	5	ASTM D5470
Thickness	mm	0.5~8.0			ASTM D374
Color	-	Yellow	Purple	Blue	Visual
Reinforcement Carrier	-	Fiberglass Mesh			-
Flame Rating	-	V-0			UL94
Dielectric Breakdown Voltage	KV/mm	>6			ASTM D149
Weight Loss	%	<1			ASTM E595
Density	g/cm ³	2.3	3.1	3.1	ASTM D792
Working Temperature	°C	-50~+150			-
Volume Resistance	Ohm-m	8x10 ¹²	1x10 ¹³	1x10 ¹³	ASTM D257
Elongation	%	80	50	50	ASTM D412
Standard Shape	-	Sheet Ones			-
Hardness (Silicone Side)	Shore00	30	50	50	ASTM2240

GT series 導熱矽膠片 Thermal Pad

光滑的表面，可適用於恆溫輻射範圍之內，電氣隔離與高耐電壓

Smooth surface. Usable over a wide temperature range. Electrical insulation and high breakdown voltage.



Properties	Unit	GT10D	GT15	GT20	GT30	Test Method
Thermal Conductivity	W/mK	1.5	1.6	2.1	3.2	ASTM D5470
Thickness	mm	0.25	0.23	0.3	0.35	ASTM D374
Color	-	Pink	Yellow	Green	Pink	Visual
Flame Rating	-	V-0				UL94
Dielectric Breakdown Voltage (Vac)	KV	4	4.1	4.1	3.1	ASTM D149
Dielectric Breakdown Voltage (Vdc)	KV	-	6.1	6.1	5.1	ASTM D149
Weight Loss	%	< 0.2				ASTM E595
Density	g/cm ³	2	2.3	2.6	2.8	ASTM D792
Working Temperature	°C	-45~+180				-
Volume Resistance	Ohm-m	>10 ¹²			>10 ¹⁰	ASTM D257
Elongation	%	50	60	60	30	ASTM D412
Tensile Strength	Kgf/cm ²	>150	200	200	100	ASTM D412
Standard Shape	-	Sheet Ones				-
Hardness	Shore A	75		70		ASTM D2240

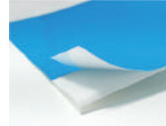


Li series 導熱膠帶 Thermal Tape

良好的黏著性，高可靠度，加工容易
Good adhesion(Acrylic PSA). Great reliability. Easy to assemble.

Properties	Unit	Li98		Li98T	Li98C		Li98CN	Li98P		Liv2		Li2000		Li2000A	Test Method
Thermal Conductivity	W/mk	1	1	1.3	1.9	1.9	2.1	1.8	1.8	1.1	1.1	1.3	1.3	2.1	Astm D5470
Thickness	mm	0.15	0.25	0.11	0.15	0.25	0.18	0.125	0.14	0.15	0.25	0.15	0.25	0.2	Astm D374
Color	-	White													Visual
Reinforcement Carrier	-	Fiberglass Mesh		PET	Fiberglass Mesh		-	Polyimide		Fiberglass Mesh	Fiberglass Mesh	-		-	-
Continuous Working Temperature	°c	-30~+120		-60 ~+120	-30~+120						-45~+170		-	-	
Short Time Use Temperature (30sec)	°c	200	200	200	200	200	200	250	250	180	180	288	288	260	-
Density	g/cm³	1.85	1.85	1.6	1.8	1.8	1.8	1.3	1.2	1.85	1.85	1.6	1.6	2.3	Astm D792
Tensile Strength	psi	200	400	400	200	400	-	500	600	200	400	450	650	-	Astm D412
Glass Transition Temperature	°c	-30	-30	-	-27	-27	-30	-25	-25	-30	-30	-	-	-	-
Initial Tack	cm	10	8	10	14	12	15	15	15	11	10	10	10	>30	PSTC-6
Lap Shear Strength	N/cm²	61	61	60	55	50	55	63	62	60	60	74	76	35	Astm D1002
Die Shear Strength @25°C	N/cm²	120	120	105	109	100	100	115	115	120	120	113	126	60	-
Die Shear Strength @80°C	N/cm²	69	69	60	68	68	55	66	64	69	69	80	85	50	-
Holding Power 1000g @80°C Cusing 1 In²	min	>10000										>40000		PSTC-7	
90° Peeling Strength (Aluminum)	N/in	>10	>12	>12	>6	>8	>8	>10	>10	15	16	-	-	-	ASTM D3330
Dielectric Breakdown Voltage (Vac)	KV	2	3.1	4.1	2	3.1	5.1	4.1	5.1	2.1	3.1	2	3.1	3.6	ASTM D149
Dielectric Breakdown Voltage (Vdc)	KV	3.1	4.1	5.1	3.1	4.1	6.1	5.1	6.1	3.1	4.1	3.1	4.1	4.6	ASTM D149
Thermal Impedance @10psi	°C-in²/w	0.93	1.26	0.63	0.64	0.89	0.73	0.78	0.87	0.76	1.26	0.68	1.13	0.69	ASTM D5470
Thermal Impedance @30psi	°C-in²/w	0.76	1.05	0.60	0.60	0.85	0.68	0.75	0.81	0.70	1.12	0.66	1.10	0.53	ASTM D5470
Thermal Impedance @50psi	°C-in²/w	0.61	1.06	0.59	0.53	0.87	0.66	0.73	0.79	0.63	1.07	0.61	1.04	0.49	ASTM D5470

TG-T1000 導熱膠帶 Thermal Tape



良好的黏著性，高可靠度，C/P值高，加工容易，依需求客製化
Good adhesion(Acrylic PSA). Great reliability. Cost effective with great performance.
Easy to assemble. Customization services for different industries.

Properties	Unit	TG-T1000			Test Method
Thermal Conductivity	W/mK	1	1	1	ASTM D5470
Thickness	mm	0.15	0.25	0.5	ASTM D374
Color	-	White			Visual
Reinforcement Carrier	-	Fiberglass Mesh			-
Continuous Working Temperature	°C	-30~+120			-
Short Time Use Temperature (30sec)	°C	180			-
Density	g/cm³	1.2			ASTM D792
Initial Tack	cm	19	11	5	PSTC-6
Holding Power 1000g @25° Cusing 1in²	min	>3000			PSTC-7
180° Peeling Strength (aluminum)	N/25mm	>14	>16	>19	ASTM D3330
Dielectric Breakdown Voltage (Vac)	KV	2	3	5	ASTM D149
Thermal Impedance @10psi	°C-in²/W	0.93	1.26	1.6	ASTM D5470
Thermal Impedance @30psi	°C-in²/W	0.76	1.06	1.33	ASTM D5470
Thermal Impedance @50psi	°C-in²/W	0.61	1.05	1.19	ASTM D5470

導熱膏 Thermal Grease



流平性佳，不溢流，有效填補表面不平整處
Good leveling agent. No overflow.
Effectively fill the gap of the interface.

Properties	Unit	TG-S808	TG-N909	S606B	S606C	Test Method
Thermal Conductivity	W/mK	8	9	1.9	5.3	ASTM D5470
Color	-	Gray	Gray	White	Gray	Visual
Oil Dispersible	%	< 0.1	< 0.1	< 0.2	< 0.05	24hrs at 150°C
Weight Loss	%	< 0.1	< 0.1	< 0.5	< 0.5	ASTM E595
Density	g/cm³	3.2	3.3	2.3	2.3	ASTM D792
Working Temperature	°C	-40~+200		-40~+180		-
Viscosity	Pa·s	-	-	30	125	ASTM D2196
Standard Shape	Pot	1kg				-
Volume Resistance	Ohm·m	> 10 ¹³	> 10 ¹³	> 10 ¹¹	> 10 ¹²	ASTM D257

導熱膠泥 Thermal Putty



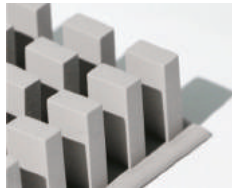
超低熱阻，可任意塑型與下壓
Low thermal resistance. Shapeable and compressible.

Properties	Unit	TG-NSP25	TG4040 PUTTY	TG6060 PUTTY	Test Method
Thermal Conductivity	W/mK	2.6	3.2	6.3	ASTM D5470
Color	-	Gray	Blue	Blue	Visual
Solid Content	-	100	100 (One-Part)	100 (One-Part)	-
Viscosity	Pa·s	5000	3000	2,500-3,000	Brookfield
Density	g/cm³	2.6	3	3.3	ASTM D792
Volume Resistivity	Ohm·m	10 ¹⁴	10 ¹³	10 ¹³	ASTM D257
Working Temperature	°C	-50~+150	-50~+180	-50~+180	-
Standard Package	Tube/Pot	78g/143g/1kg	90g/165g/1kg	90g/165g/1kg	-



Ti900 超薄導熱絕緣材料 Thermal Insulator

電氣絕緣，易施工
Insulation strength. Easy to assemble.



CP series 導熱絕緣帽套 Thermal Insulation Rubber Cap

低熱阻抗，高絕緣性，簡易安裝組件
Low thermal contact resistance. Electrically isolating.
Easy to assemble.

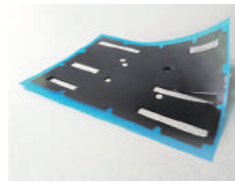
Properties	Unit	Ti900	Test Method
Thermal Conductivity	W/mK	1.9	ASTM D5470
Thickness	mm	0.12	ASTM D374
Color	-	Gary	Visual
Base	-	Polyimide	-
Dielectric Breakdown Voltage	KV	6.1	ASTM D149
Volume Resistance	Ohm-m	>10 ¹²	ASTM D257
Working Temperature	°C	-50~+180	-
Tensile Strength	psi	5000	ASTM D412
Elongation	%	40	ASTM D412
Flame Rating	-	V-0	UL94
Standard Shape	-	Sheet Ones	-

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



PH3 導熱複合材料 Heat Spreader

優良熱輻射，超薄且具可彎性，適用於不通風環境，無剝離及掉粉問題
Excellent thermal radiation. Thin & bendable.
Available for unventilated design. No dusting issue.



T68 人造石墨 Artificial Graphite Sheet

優秀的橫向傳導性，重量輕
High thermal conductivity. Low mass.

Properties	Unit	PH3			Test Method
Metal Layer Thermal Conductivity	W/mK	400			ASTM D5470
Coating Layer Thermal Conductivity	W/mK	1.3			ASTM D5470
Total Thickness	mm	0.06	0.11	0.21	ASTM D374
Metal Layer Thickness	mm	0.012	0.05	0.10	ASTM D374
Coating Layer Thickness	mm	0.048	0.06	0.11	ASTM D374
Color	-	Black			Visual
Metal Layer	-	CU Foil			-
Coating Layer	-	High Thermal Radiation Carbon Nanotube			-
Continuous Working Temperature	°C	-30~+120			-
Surface Resistance	Ohm-m	10 ¹²			-
Initial Tack	cm	18	15	11	PSTC-6
30° Peeling Strength (Aluminum)	N / in	8	10	12	ASTM D3330
Breakdown Voltage (AC)	KV	2.0	2.0	3.1	ASTM D149
Breakdown Voltage (DC)	KV	3.1	3.1	4.1	ASTM D149
Flame Rating	-	V-2			UL 94

Properties	Unit	T68	Test Method
Thermal Conductivity	W/mK	X-Y, 1500	AC Calorimeter
	W/mK	Z, 5	Laser Flash
Thickness	µm	25	Micrometer
Color	-	Black	Visual
Flame Rating	-	V-0	UL94
Thermal Diffusivity	cm ² /S	8.5	AC Calorimeter
Density	g/cm ³	2.1	Archimedes Law
Electrical Conductivity	S/cm	>13000	JIS K7194
Bending Test	times	10000	-
Working Temperature	%	-40~+400	AC Calorimeter
Heat Capacity (SHC)	J/g-K	0.895	-



T62 天然石墨 Natural Graphite Sheet

體積輕薄減低安裝空間，降低電磁干擾
Low mass decreases space, EMI reduction

TG-P100 series 石墨烯均溫片 Graphene

超薄，適用不通風環境，無剝離及掉粉問題
Ultra thin, Available for unventilated design, No dusting issue

Properties	Unit	T62	T62-1	T62-2	Test Method
Thermal Conductivity	W/mK	X-Y, 400	X-Y, 400	X-Y, 400	AC Calorimeter
	W/mK	Z, 20	Z, 15	Z, 5	Laser Flash
Thickness	mm	0.13	0.16	0.2	Micrometer
Color	-	Black			Visual
Type	-	Graphite	Graphite +Adhesive	PET+Graphite +Adhesive	-
Density	g/cm ³	1.5	1.5~1.8		ASTM D792
Graphite Contained	%	>98			-
Working Temperature	°C	-13~+100			-

Properties	Unit	TG-P10050/TG-P10090		Test Method
Thermal Conductivity	W/mK	X-Y, 1500~1800		Comparative Test
	W/mK	Z, 12		ASTM D5470
Total Thickness	µm	50	90	Meter
Copper Foil Thickness	µm	35	75	Meter
Coating Thickness	µm	15	15	Meter
Vertical Resistivity	-	2.57		QJ1523-1988
Parallel Resistivity	KV/mm	0.66		QJ1523-1988
Cross-Cut Tape Test	-	4B		ASTM D3359B
Pencil Hardness Test	-	2H		ASTM D3363
Solvent Resistance (Alcohol)	°C	Pass(5 times)		ASTM D5402
Rubber Abrasive Test	Ohm-m	Pass(150 times)		ASTM D7835
High Temperature & Humidity Test	(85°C/85%RH)	Pass(500 hrs)		IEC-60068-2-78
Thermal Shock Test	(-20~80°C)	Pass(500 cycles)		IEC-60068-2-78
Temperature Range of Utility	°C	-20~+120		ISO 16750-4

導熱封膠 Potting Compound

高穩定性，加熱熟化
High stability. Heat curing.



Properties	Unit	A96AB	S730	S720AB	Test Method
Thermal Conductivity	W/mK	2.6	2.1	0.8	ASTM D5470
Color	-	White/Black	Gray	White	Visual
Dielectric Breakdown Voltage	KV/mm	10.2	12.2	6.1	ASTM D149
Weight Loss	%	< 1	-	< 1	ASTM E595
Density	g/cm ³	1.8	2.5	1.97	ASTM D792
Working Temperature	°C	-25~+150	-50~+200	-40~+180	-
Viscosity	cps	1800-2500	< 50000	2000-3000	ASTM D2393
Standard Package	Pot	1kg	100g/1kg	1kg	-
Hardness	Shore A	68	17	34-43	ASTM D2240
Mixing Ratio @25°C	gram	13:1	1:1	100:2	-

PC series 非矽型導熱材料 Non-Silicone thermal Pad

無低分子矽氧烷及矽油的揮發
Non siloxane and oil-bleed.

Properties	Unit	PC93	PC94	Test Method
Thermal Conductivity	W/mK	2.1	4.2	ASTM D5470
Thickness	mm	0.5-5.0		ASTM D374
Color	-	Gray	Red	Visual
Flame Rating	-	V-0		UL94
Dielectric Breakdown Voltage	KV/mm	10.2		ASTM D149
Weight Loss	%	< 1		ASTM E595
Density	g/cm ³	2.1	2.5	ASTM D792
Working Temperature	°C	-30~+125		-
Volume Resistance	Ohm-m	>10 ¹⁰		ASTM D257
Elongation	%	350	100	ASTM D412
Tensile Strength	Kgf/cm ²	1	2	ASTM D412
Hardness	Shore 00	55	50	ASTM D2240

TG-V series 相變化材料 Phase Change Material

藉由材料熱溶後良好的流動性，完整填充表面

With the good flow ability over phase change temperature, surface irregularities can be well filled.

Properties	Unit	TG-V833	TG-V838	Test Method
Thermal Conductivity	W/mK	3.3	3.8	ASTM D5470
Thickness	mm	0.13/0.2/0.3		ASTM D374
Color	-	Gray		Visual
Phase Transition Temperature	°C	50		-
Breakdown Voltage (Vac)	KV	1		ASTM D149
Density	g/cm ³	3.4	2.5	ASTM D792
Working Temperature	°C	-40~+125		-
Volume Resistance	Ohm-m	3x10 ¹¹	3x10 ¹⁰	ASTM D257
Thermal Impedance @50psi	°C-cm ² /W	0.0143	0.013	Modified ASTM D5470
Dielectric Constant	@1KHz	13.3		ASTM D412

XL-25 series 陶瓷導熱片 Ceramic Heat Spreader

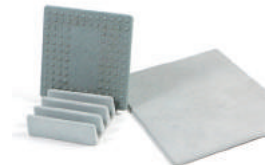
冷熱衝擊性佳，可適應環境劇烈變動，無毒，耐高溫
High reliability. Non toxic.
High temperature resistance.



Properties	Unit	XL-25W	XL-25D	Test Method
Thermal Conductivity	W/mK	25	190-210	-
Color	-	White	Dark Gray	Visual
Dielectric Breakdown Voltage	KV/mm	15	18.45	ASTM D149
Bulk Density	g/cm ³	≥3.8	3.32	CNS 619
Volume Resistance	Ohm-cm	10 ¹²	1.4x10 ¹³	-
Flexural Strength	kgf/cm ²	4078.8	3416	CNS 12701
Linear Thermal Expansion Coefficient	10 ⁻⁶ /20~300°C	6.6~8	2.805	RT~300°C
Main Composition	-	Al ₂ O ₃	AlN	-

XL-25 陶瓷散熱片 Ceramic Heat Spreader

開放性多孔結構增加空氣接觸面積
Open-porous structure increases air contact area.



Properties	Unit	XL-25	Test Method
Thermal Conductivity	W/mK	10	-
Color	-	Gray/Green	Visual
Dielectric Breakdown Voltage	Voltage	500	ASTM D149
Bulk Density	g/cm ³	1.89	CNS 619
Flexural Strength	Kgf/cm ²	47.5	CNS 12701
Porosity	%	25	CNS 619
Water Absorption	%	16	CNS 619
Working Temperature	°C	<500	-
Linear Thermal Expansion Coefficient	10 ⁻⁶	4.13	RT~300°C
Main Composition	-	SiC/Al ₂ O ₃ /SiO ₂	-
Hardness	Moh's	5-6	DIN En101-1992

TG-FAM series 電磁波吸收材料 FAM

有效抑制電磁波干擾
Provide effective EMI suppression in a wide frequency range.

Properties	Unit	TG-FAM1	TG-FAM3	TG-FAM6	TG-FAM7
Frequency	GHz	0.001-18.0	0.001-18.0	0.001-9.0	0.001-3.0
Thickness	mm	0.12-2.50	0.25/0.50/0.75	0.05/0.1/0.2/0.3/0.5	0.08/0.12/0.22
Maximum Size	mm	400 x 400	400 x 400	210 x 297	130 x 130
Material	-	Magnetic Particles+Rubber			Sintering Iron Core
Magnetic Inductivity (μ'@1MHz)	-	25	50	170	140
Halogen	-	Halogen Contained		Halogen Free	
Working Temperature	°C	-40~+85	-40~+85	-40~+155	-30~+120
Density	g/cm ³	3.6	4.8	4.4	3.8
Surface Resistance	ohm	10 ⁶		10 ⁵	10 ⁹

熱導管 Heat Pipe

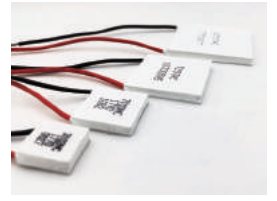


快速均溫性，被動元件，重量輕
Fast heat-balancing.
Passive components. Light-weighted.

Diameter(mm)	Thickness(mm)	Width(mm)
Ø4	2	5.65
	2.5	5.55
	3	5.45
Ø5	2	6.91
	2.5	6.59
	3	6.32
	3.5	6.01
Ø6	2	8.50
	2.5	8.18
	3	7.95
	3.5	7.65
	4	7.39
Ø8	2	11.65
	2.5	11.39
	3	11.15
	3.5	10.83
	4	10.60
	4.5	10.27
	5	10.01
	6	9.36

• Thickness tolerance: +0.05/-0.10mm • Width tolerance: +0.15/-0.20mm

TEC 致冷晶片 Thermoelectric Cooling



體積小、輕量化，無動件、低噪音，精確控溫，適用於極端環境
Small bulk. Light weight. Vibration-free. Noise-free. Precise temperature control. High strength for rugged environments.

Size(mm)	Height(mm)	Imax(A)	Vmax(V)	Watt(W)	@27° Qmax(W)	@50° Qmax(W)	R(Ω)
15.0×15.0	3.1	6.0	3.8	22.8	13.0	14.3	0.45Ω±10%
	3.4	8.5	2.1	17.9	10.3	11.3	0.20Ω±10%
	3.6	3.9	3.8	14.8	8.6	9.5	0.85Ω±10%
	3.8	3.0	3.8	11.4	7.3	8.0	1.00Ω±10%
	3.9	6.0	2.1	12.6	7.4	8.2	0.30Ω±10%
	4.7	2.0	3.8	7.6	4.4	5.0	1.65Ω±10%
20.0×20.0	3.1	6.0	8.8	52.8	29.7	32.7	1.05Ω±10%
	3.4	8.5	3.8	32.3	18.8	20.8	0.35Ω±10%
	3.6	3.9	8.8	34.3	18.7	20.9	1.95Ω±10%
	3.8	3.0	8.8	26.4	16.6	18.0	2.20Ω±10%
	3.9	6.0	3.8	22.8	13.6	14.9	0.55Ω±10%
30.0×30.0	4.7	2.0	8.8	17.6	10.2	11.2	3.70Ω±10%
	3.15	6.0	15.7	94.2	53.1	59.1	1.90Ω±10%
	3.45	8.5	8.8	74.8	43.1	48.0	0.85Ω±10%
	3.65	3.9	15.7	61.2	35.2	39.0	3.50Ω±10%
	3.85	3.0	15.7	47.1	29.8	32.5	4.00Ω±10%
	3.95	6.0	8.8	52.8	31.1	34.2	1.25Ω±10%
	3.95	6.0	11.8	70.8	48.0	52.8	1.65Ω±10%
40.0×40.0	4.75	2.0	15.7	31.4	18.2	19.5	6.70Ω±10%
	3.45	8.5	15.7	133.5	77.1	85.0	1.50Ω±10%
	3.95	6.0	15.7	94.2	55.6	61.0	2.20Ω±10%

• The above are our standard sizes. For other special sizes, please contact our product consultants.

*Recommended specifications

Different industries will require different specifications, please contact us directly for the most suitable specifications.

均溫板 Vapor Chamber

二維面傳導，被動元件，高穩定性，較熱管高十倍性能
Horizontally conduction. Passive components. High stability. Efficiency higher than heat pipe 10 times.



Properties	Unit	VC001	VC002	VC003
Size	mm	56x56	106x70	106x70
Thickness	mm	3.0	3.0	3.0
Surface Finishing	-	Anti-oxidation	Anti-oxidation	Anti-oxidation
Extra Components	-	-	-	Copper Heat Sink

*Recommended specifications

Different industries will require different specifications, please contact us directly for the most suitable specifications.



電動車汽配
Auto & Power
Electronics



通訊產業
Telecom



面板
Panel



5G應用產業
5G Implementation



電源供應
Power Supply



醫療/軍用
Medical/Military

CONTACT

台灣總部 (Taiwan)

A 桃園市桃園區大仁路50巷33號 No.33, Ln.50, Daren Rd., Taoyuan Dist., Taoyuan City 33068, Taiwan
T +886-3-361-8899 M service@tglocal.com.tw W www.tglocalcorp.com

昆山中國 (China)

T +86-512-5792-5936

東莞中國 (China)

T +86-769-8382-9728

洛杉磯 美國 (USA)

T +1-626-888-3472

路德維斯 英國 (UK)

T +44-1455-553-510