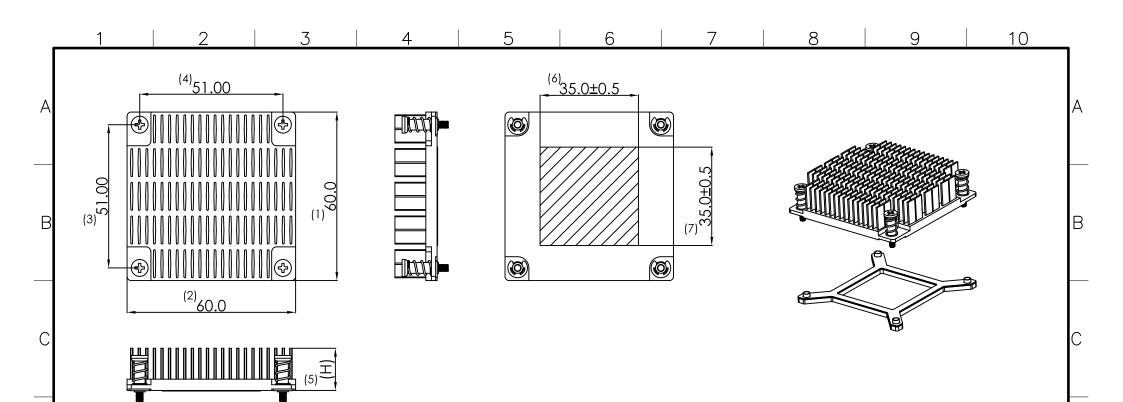
8F., No. 4	6-2-2643-6558	REGO ELECTRONICS IN Rd., Xizhi Dist.,New Taipei City 221036, Taiwan				
BRAND		REGO				
PART N	JMBER	FP60004-xx40BA-200T-A+PCM				
DESCRI	PTION	HEAT SINK ASSEMBLY 60 x 60 x (15~40)mm				
CUSTON	MER					
CUSTON	/IER P/N					
	AUTH	HORIZED SIGNATURES				
NAME						
DATE						



NOTES:

PART NAME / NUMBER	HEIGHT(H)	FORGED FIN	PCS	SCREW	PCS	SPRING	PCS	E-CLIP	PCS	PHASE CHANGE THERMAL PAD	PCS	PLATE	PCS
FP60004-1540BA-200T-A+PCM	15	FP60004-1540BA-2											
FP60004-2040BA-200T-A+PCM	20	FP60004-2040BA-2											
FP60004-2540BA-200T-A+PCM	25	FP60004-2540BA-2	1	1-0700010886	4	877-TMASP001	4	1-0500010942	4	PCM4988 35x35x0.2	1	850-TMABP001	1
FP60004-3040BA-200T-A+PCM	30	FP60004-3040BA-2											Ţ
FP60004-3540BA-200T-A+PCM	35	FP60004-3540BA-2	1										
FP60004-4040BA-200T-A+PCM	40	FP60004-4040BA-2											

ID

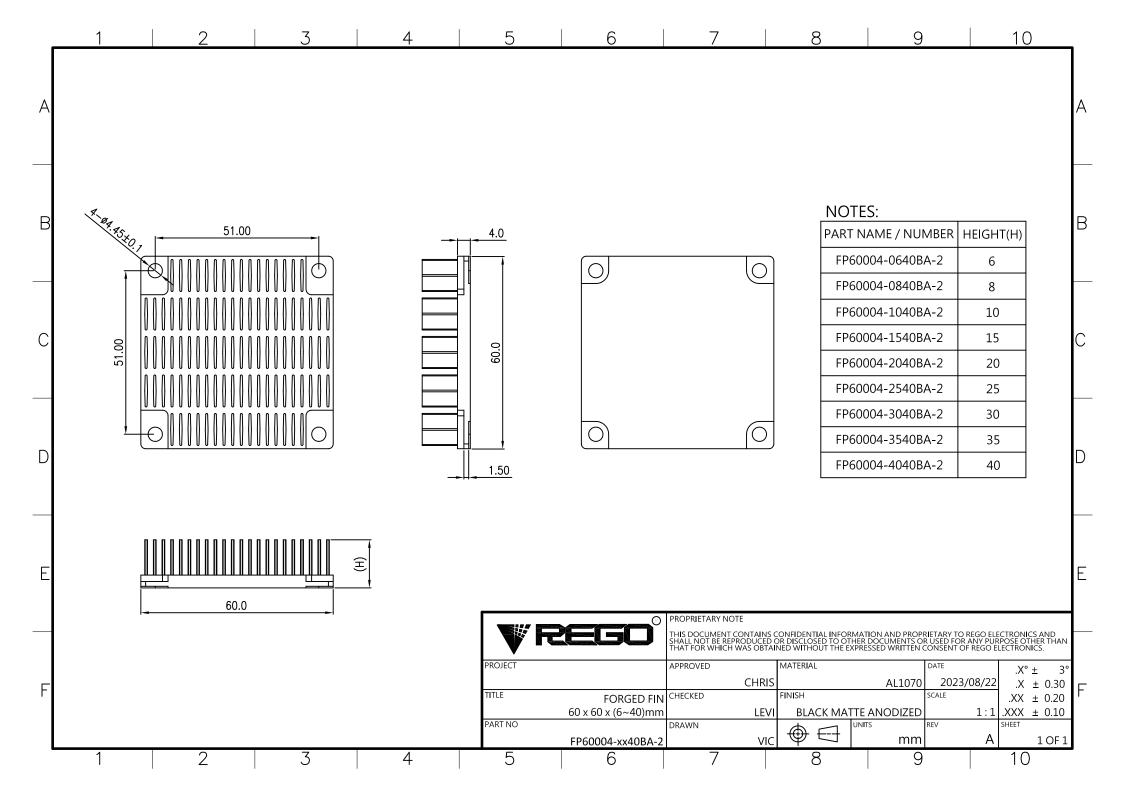
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COMPRESSIO	N REFERENC	E	1	1		/ R		PROPRIETARY N THIS DOCUMEN SHALL NOT BE R THAT FOR WHIC		CONFIDENTIAL INFOR DR DISCLOSED TO OT NED WITHOUT THE E	RMATION AND PF	ROPRIETAR S OR USEI	RY TO REGO ELE D FOR ANY PUR	CTRONICS AND POSE OTHER THA
CONDITIONED		H+T = 3.4mm IC HEIGHT (H) PCB THICKNESS (T)	IC HE	⁻ ≧ 3.9mm EIGHT (H) THICKNESS (T)	PROJECT			APPROVED		MATERIAL		DATE	023/08/22	.X°± 3
APPLIED FORCE (5~8 lbs)	4.95 lbs	7.7 lbs	TO BE AVAIL	ABLE AT . CUSTOMIZATION	TITLE		IEAT SINK ASSEMBLY 60 x 60 x (15~40)mm		LEVI	FINISH	N	/A		.XX ± 0.20 .XXX ± 0.10
(,)		I	///////////////////////////////////////		PART NO	260004->	(x40BA-200T-A+PCM	DRAWN	VIC	$\bigoplus \Box$	units m	m	А	SHEET 1 OF
1	2	ر ۲۱ ر	3	4	5		6	7		8		9		10

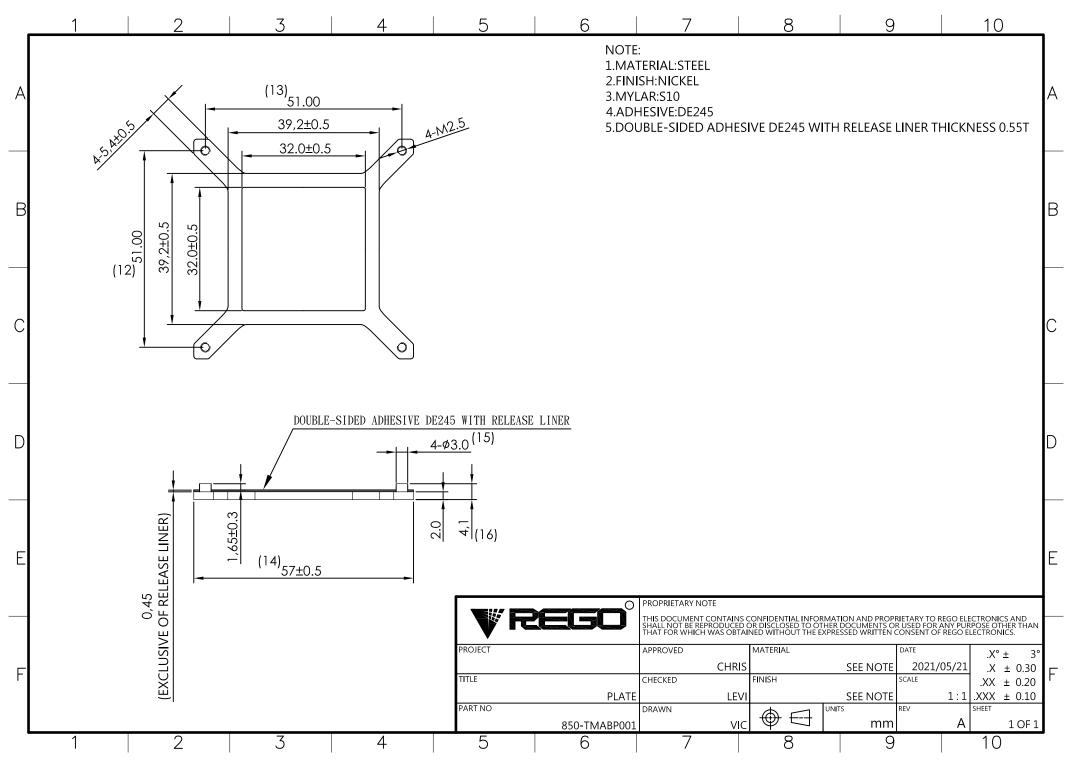
F

F

D



	1	2	2	3	4		5	6	7	8		9	10	_
Г										IT	EM		NUMERICAL VALUE]
										SPRING DI		D=	4.7 mm	
А										WIRE DIA		d=	0.6 mm	А
, ,										TOTAL CO		Na=	4	
										FREE LE	NGTH	L0=	8.6 mm	
														<u> </u>
Р														
В														В
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			16.5	±0.8 	Î	\leq			+X					
					8.6 <u>+</u> 0.5	\leq			0.6±0.1					
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F		-	M2.5x0.45											E
						ĺ		6	PROPRIETARY NOTE					4
	NOTES:	I			T		V R	EGOĬ		AINS CONFIDENTIAL INFO JCED OR DISCLOSED TO O	RMATION AND PE	ROPRIETAI TS OR USE	RY TO REGO ELECTRONICS AND D FOR ANY PURPOSE OTHER THAN ENT OF REGO ELECTRONICS.	
П	EM DESCR	IPTION	MATERIAL	FINIS	H/COLOR	QTY	PROJECT		THAT FOR WHICH WAS	OBTAINED WITHOUT THE	XPRESSED WRITT	DATE		4
	-	010886	STEEL	N	ICKEL	4				HRIS	SEE NC		.X° ± 3° 2023/05/02 .X ± 0.30	F
	_	IASP001	PIANO WIRE		ICKEL	4	TITLE		CHECKED	FINISH		SCAL	E	
	3 1-0500	010942	STEEL	N	ICKEL	4	PART NO	SCREW ASSEMBLY	DRAWN		SEE NO	REV	1:1 .XXX ± 0.10	1
L				7				x40BA-200T-A+PCM			m	m	A 10F1	J
	I	2	/	3	4		5	6	7	8		9	10	



Honeywell | Thermal Interface Materials

PCM4988 High Thermal Conductivity Phase Change Material

Honeywell's PCM4988, a highly thermally conductive Phase Change Material (PCM) in pad format, was designed to minimize thermal resistance at interfaces. Based on a novel polymer PCM system, this material exhibits excellent wetting at interfaces during typical operating temperature range, resulting in very low surface contact resistance.

A proprietary filler material provides high thermal conductivity (2.0-5.0 W/m°C) and a low thermal impedance (<0.20°C cm²/W), suitable for high performance IC devices.

PCM4988 in Convenient Pad Format



*Stencil printable material is available as PCM4988-SP

Honeywell TIMs Serve Multiple **Applications**



Automotive & Power



IT/Enterprise



Telecommunications



Consumer Electronics



FEATURES & BENEFITS

- High performance filler and Highly conductive filler Superior handling polymer technology
- Phase change at 45°C
- loading to optimize performance

and reworkability

- Superior reliable thermal performance
- Excellent thermal capability to fit different needs

PCM4988 Technical Information

Physical Properties	Unit	Test Method	PCM4988
Thermal Conductivity	W/m·K	ASTM D5470	2.0
Thermal Impedance @ no shim (Typical Value)	°C -cm²/W	ASTM D5470 Modified	0.14
Specific Gravity		ASTM D374	2.2
Viscosity (Typical Value)	Pa∙s @2 1/s, 25°C	RehometerHON	NA
Volume Resistivity	Ω·cm	ASTM D257-700	8.2x10 ¹⁴
Thickness Range	mm		0.20-1.00

STORAGE CONDITION

Refer to product label.

THERMAL IMPEDANCE POST RELIABILITY

(No shim @ 40psi) End of Line 0.14 ° C-cm²/W Temperature Cycle "B" 0.10 ° C-cm²/W (-55°C to +125°C , 1000 cycles)

Product Use

Clamping pressure and temperature are suggested to achieve a minimum bond line thickness of the thermal interface material, typically less than 1.5 mil (0.038mm) for best thermal performance.

More Honeywell TIMs

PCM4988 is part of Honeywell's TIM Solutions family of phase change materials. Whatever the thermal challenge, we offer a TIM product that provides just the right characteristics for your application. Find out more about:

PTM7000 Series PTM5000 Series Hybrid Series

PTM6000 Series PCM45F Series LTM Series By

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Mouser Electronics

Authorized Distributor

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Rego Electronics:

 FP60004-1540BA-200T-A+PCM
 FP60004-2540BA-200T-A+PCM
 FP60004-0840BA-200T-A+PCM
 FP60004

 1040BA-200T-A+PCM
 FP60004-3040BA-200T-A+PCM
 FP60004-2040BA-200T-A+PCM
 FP60004-4040BA-200T-A+PCM

 A+PCM
 FP60004-3040BA-200T-A+PCM
 FP60004-2040BA-200T-A+PCM
 FP60004-4040BA-200T-A+PCM