



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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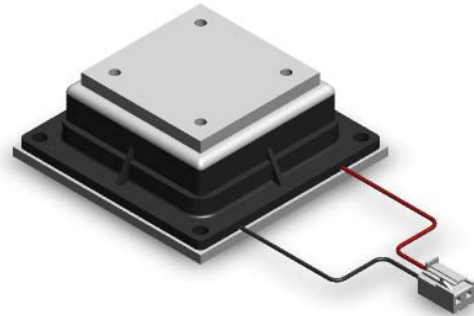
Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



MODEL: CPM-2F | **DESCRIPTION:** 6.0 A PELTIER UNIT

FEATURES

- better seal structure for water resistance and absorption of thermal stress
- easy installation
- no screws to tighten result in better heat absorption and maximum performance



MODEL	input voltage¹ max (V)	input current max (A)	output Qmax² T_h=50°C (W)	output ΔTmax² T_h=50°C (°C)
CPM-2F	12	6	46	73

Notes: 1. at inverse voltage, "cold side plate" becomes hot side plate
 2. maximum cooling capacity at I_{max}, V_{max} and ΔT=0°C
 3. maximum temperature difference at I_{max}, V_{max} and Q=0W (maximum parameters are measured in a vacuum)

GENERAL

parameter	conditions/description	min	typ	max	units
internal resistance ⁴		1.85		2.35	Ω
cold side plate		-20		60	°C

Notes: 4. measured by AC 4-terminal method at 25°C

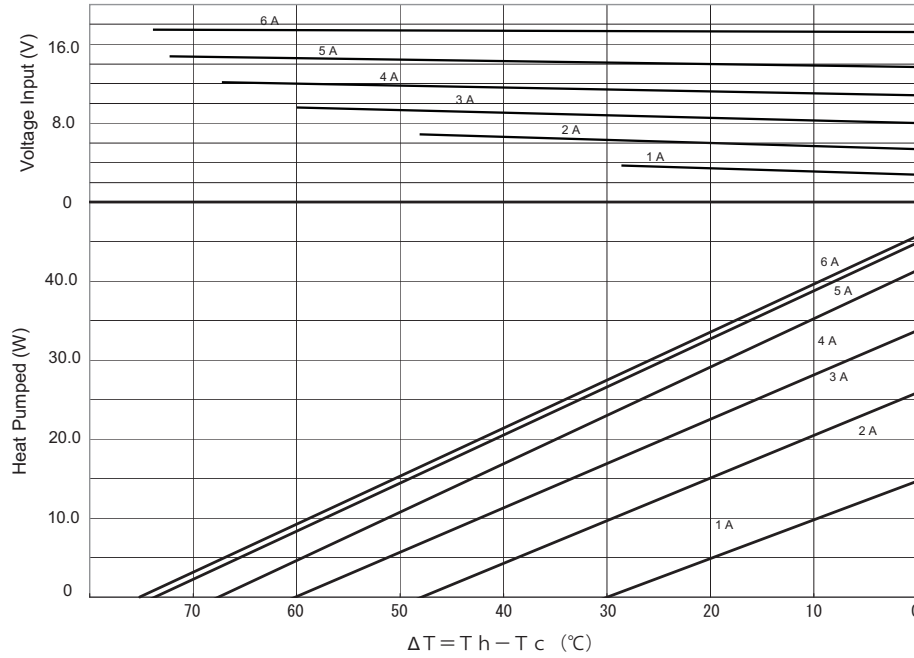
SAFETY & COMPLIANCE

parameter	conditions/description	min	typ	max	units
isolation voltage	for 1 second			1,200	Vac
insulation resistance	input to output at 250 Vdc	10			MΩ
RoHS compliant	yes				

ENVIRONMENTAL

parameter	conditions/description	min	typ	max	units
operating temperature		0		35	°C
storage temperature		-20		70	°C
operating humidity		30		85	%
storage humidity		10		90	%

CPM-2F PERFORMANCE (Th=50°C)

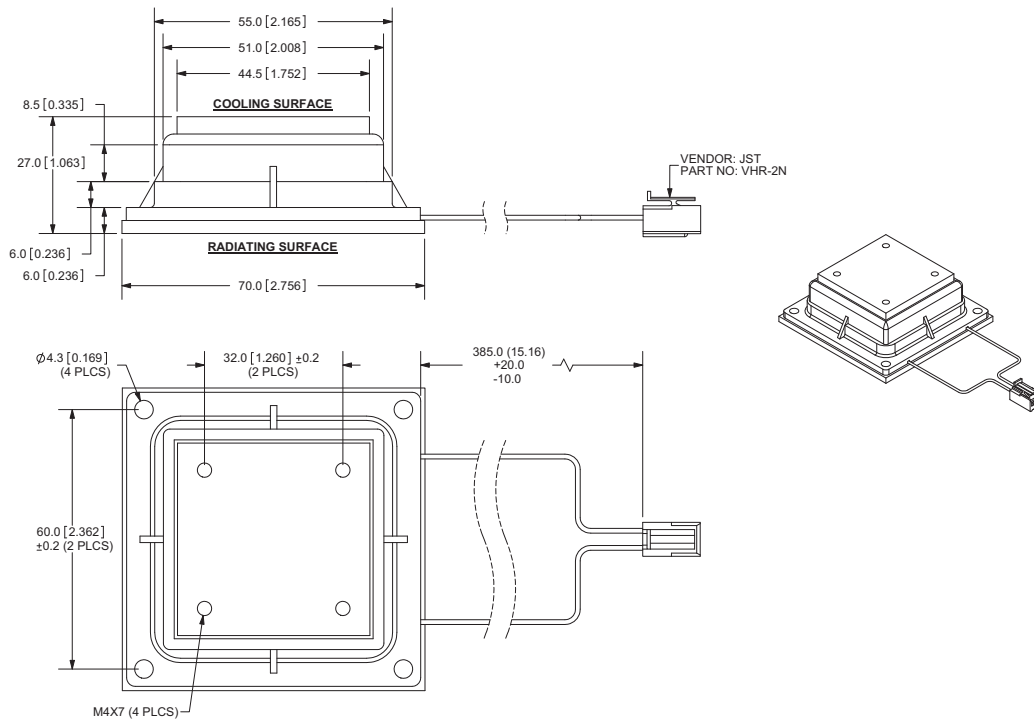


MECHANICAL

parameter	conditions/description	min	typ	max	units
weight			200		g
cooling medium	aluminum				
heat radiation medium	aluminum				

MECHANICAL DRAWING

units: mm
tolerance: ± 0.3 mm



REVISION HISTORY

rev.	description	date
1.0	initial release	07/09/2008
1.01	applied new template	05/07/2012

The revision history provided is for informational purposes only and is believed to be accurate.



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CUI offers a one (1) year limited warranty. Complete warranty information is listed on our website.

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