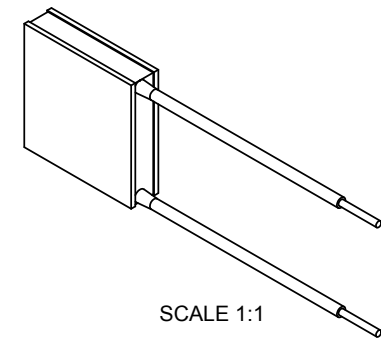
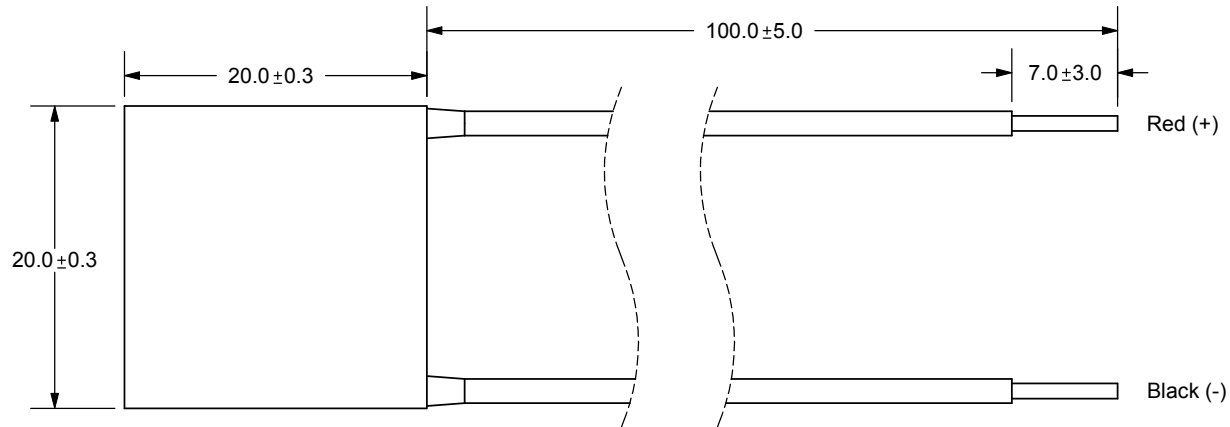


REV.	DESCRIPTION	DATE
A	NEW DRAWING	10/3/2007



SCALE 1:1

TOLERANCE:
±0.1mm UNLESS OTHERWISE
NOTED



Parameters		Remarks
Resistance	3.70 Ω $\pm$ 10%	Note-1
I _{max}	2.0 A	Note-2
V _{max}	8.6 V	Note-3
	Th=27°C Th=50°C	
Q _{max}	8.5 W 9.4 W	Note-4
Δ T _{max}	66°C 72°C	Note-5
Solder melting point	138°C	Note-6
Maximum compress	98.07N/cm ² (10kgf/cm ²)	Note-7
MTBF rating	200,000 hours	

NOTES:

- Note-1: Measured by AC 4-terminal method at 25°C
Note-2: Maximum current at Δ T_{max}
Note-3: Maximum voltage at Δ T_{max}
Note-4: Maximum cooling capacity at I_{max}, V_{max}, and Δ T=0°C
Note-5: Maximum temperature difference at I_{max}, V_{max}, Q=0W
(maximum parameters are measured in a vacuum)
Note-6: Thermoelectric module's solder melting point
Note-7: Recommended maximum compression

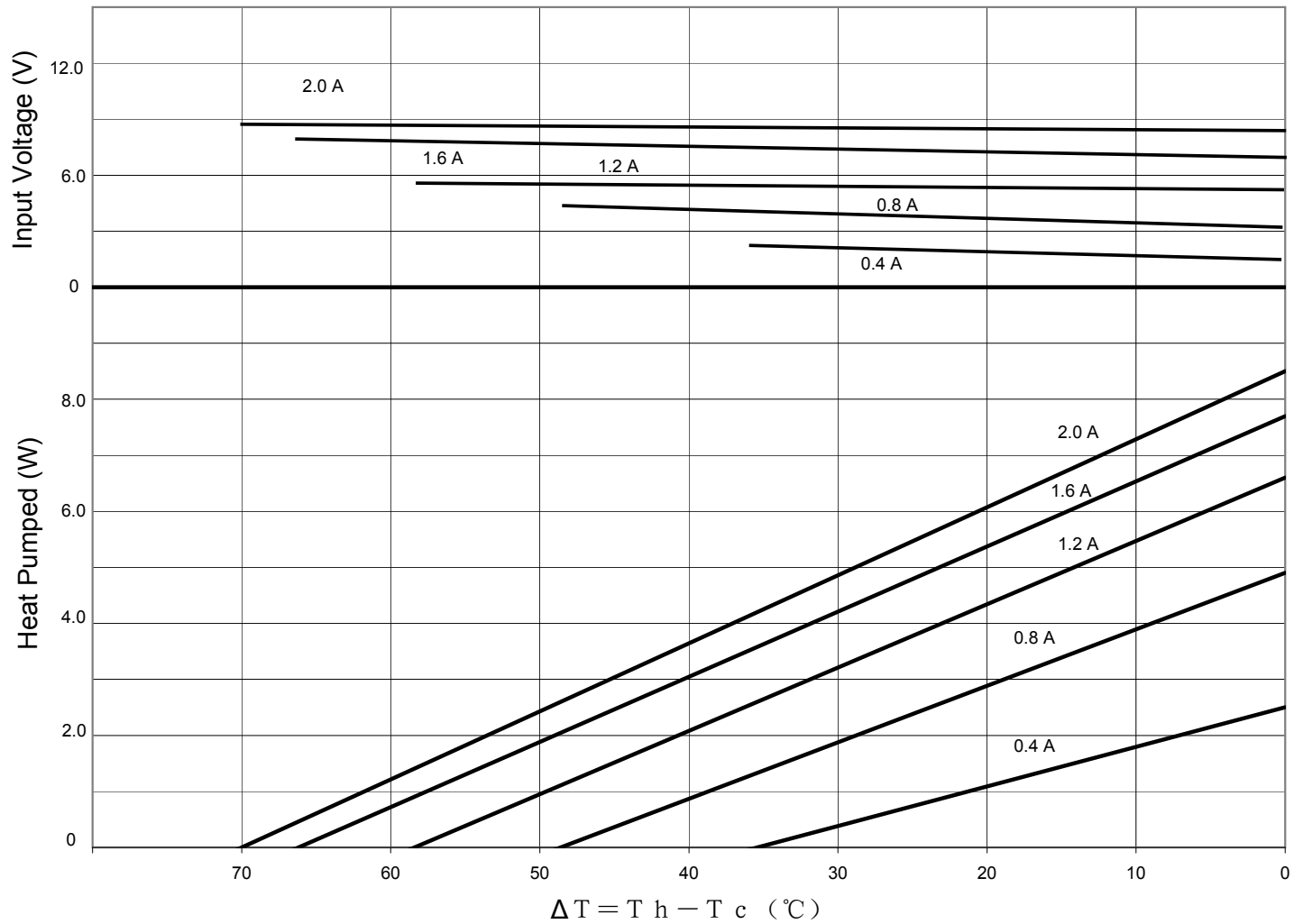
	MATERIAL	PLATING
CERAMIC PLATE	Al ₂ O ₃ (Alumina)	White Color
SEALER	Silicon Rubber RTV	White Color
LEAD WIRE	UL1332	Tin
JOINT COVER	Silicon Rubber RTV	White Color

 CUI INC 20050 SW 112th Ave. Tualatin, OR 97062 Phone: 503-612-2300 800-275-4899 Fax: 503-612-2383 Website: www.cui.com		TITLE: PELTIER MODULE		REV: A
		PART NO. CP20251	UNITS: MM [INCHES]	
DRAWN BY: ZRJ		APPROVED BY:		SCALE: 2:1

PC FILE NAME:
CP20251

COPYRIGHT 2007 BY CUI INC.

CP20251 (Th=27°C)



CP20251 (Th = 50°C)

