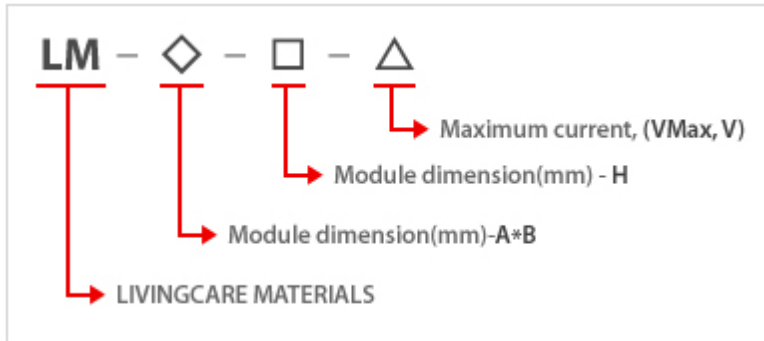
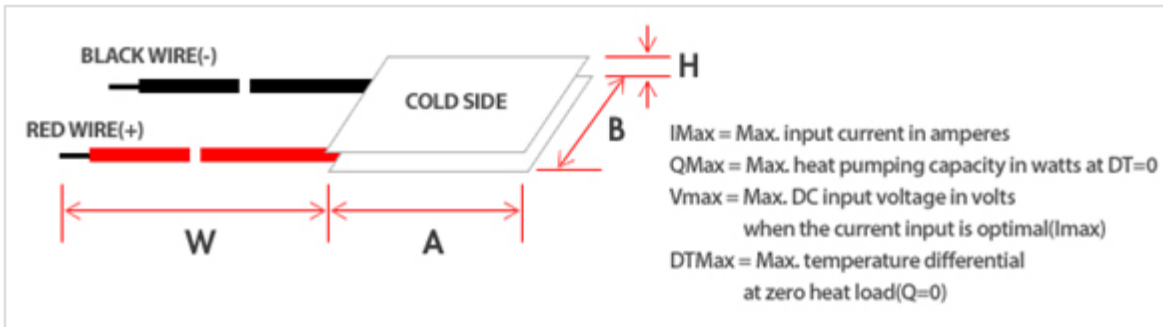


모델명 : LM-6020-4.0-11.4

1. PART NUMBERING SCHEME



2. GENERAL SPECIFICATION



MODEL	I _{MAX} (A)	Q _{MAX} (W)	V _{MAX} (V)	ΔT _{MAX} (°C)	DIMENSION		
					A	B	H
LM-6020-4.0-11.4	Th=27°C				+0.5	+0.5	4.0±0.05
	5.7	40.3	11.4	70.3			
	Th=50°C				-0.05	-0.05	
6.1	46.5	12.3	79.2				



리빙케어소재기술(주)

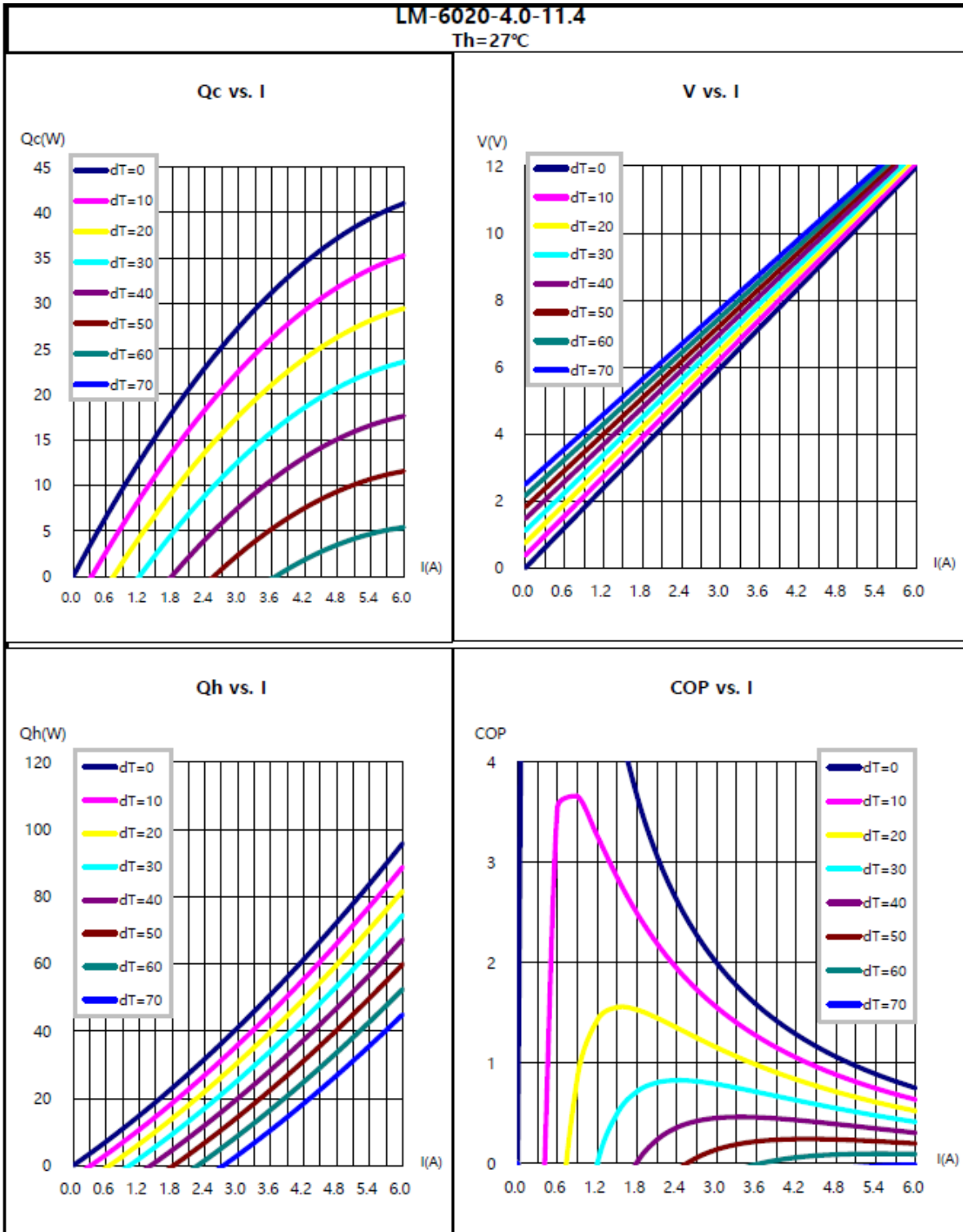
대구시 달성군 유가읍 테크노남로 3길 7
 TEL 053-639-3160 FAX 053-639-3162
 EMAIL livingcare@lcdm.co.kr

Livingcare Development of Materials

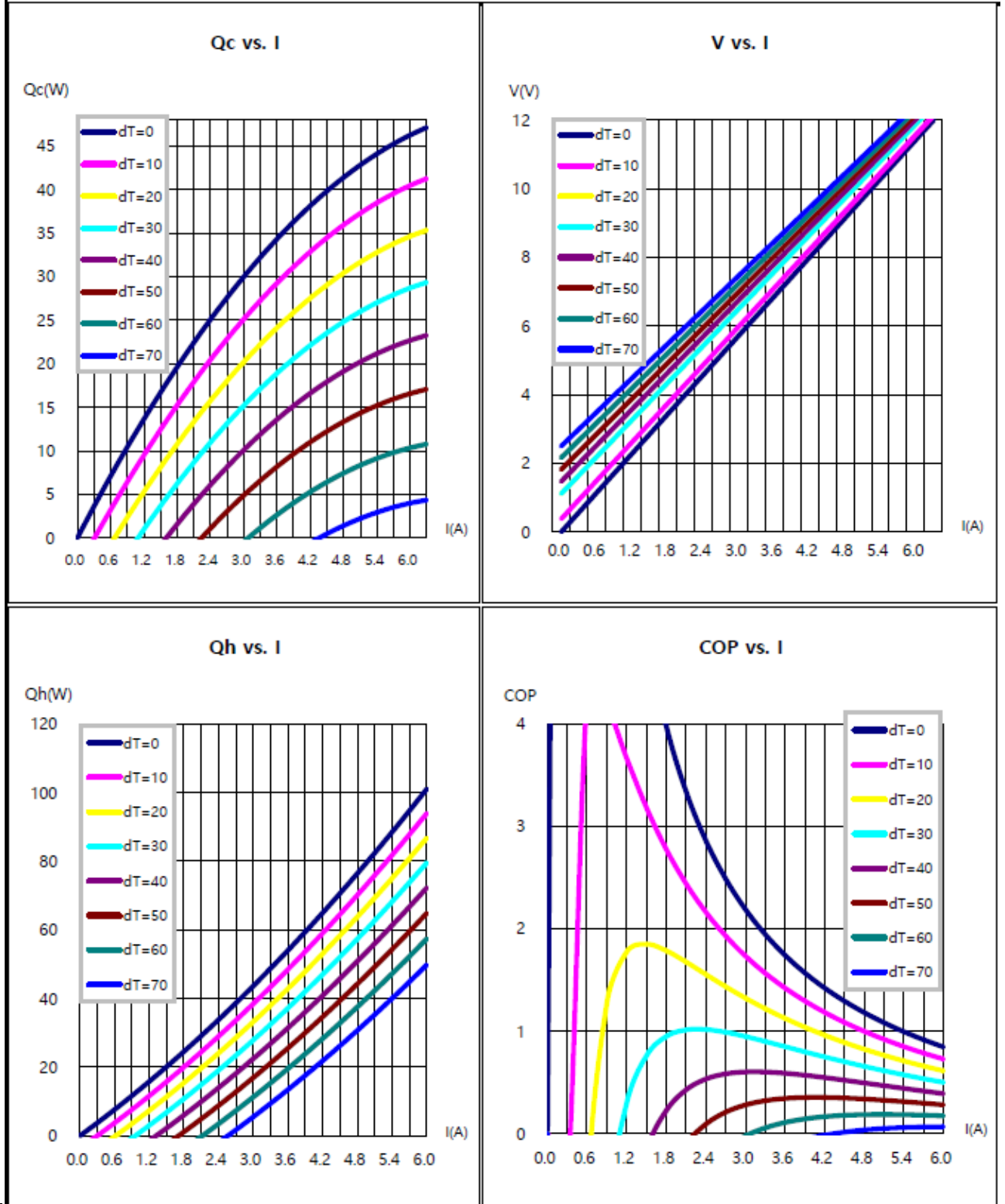
***All specifications are subject to change without notice.**

SPEC.	Unit	Value
INTERNAL RESISTANCE	Ω	1.62±10% (at 25°C)
UNFLATNESS AND NONPARALLED NOT MORE THAN	mm	0.05
MELTING POINT TEMPERATURE OF INTERNAL SOLDER	°C	220
CERAMIC TYPE		Al ₂ O ₃ 96%

3. PERFORMANCE GRAPH



LM-6020-4.0-11.4
 $T_h = 50^\circ\text{C}$





리빙케어소재기술(주)

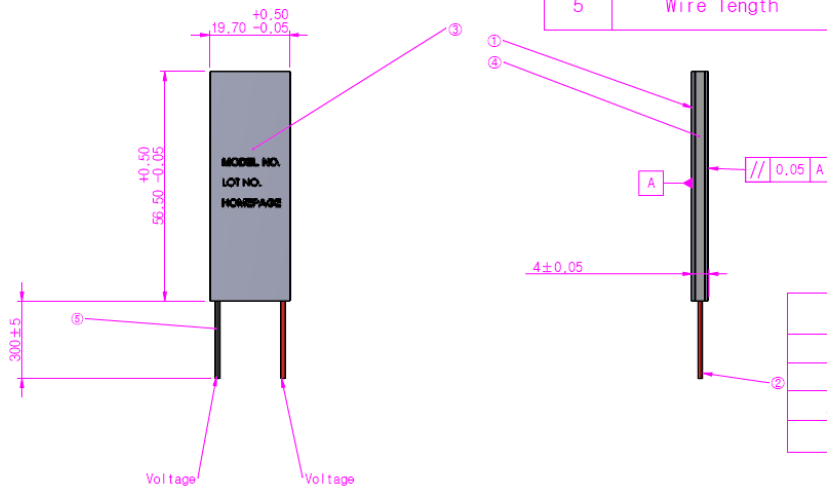
대구시 달성군 유가읍 테크노남로 3길 7
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Livingcare Development of Materials

품명: LM-6020-4.0-11.4

Part number	LM-	6020-	4.0-	11.4	-Option
	Livingcare Materials	Module dimension	Module thickness	Maximum voltage	Wire

No.	Item	Specification
1	Ceramic substrate	96%Al ₂ O ₃
2	Lead wire	AWG18 Silicon wire
3	Mark	This form is subject to change without notice.
4	Seal	N/A
5	Wire length	300±5mm(default)



	VALUE (Th=27°C)	VALUE (Th=50°C)
I max	5.7 A	6.1A
V max	11.4 V	12.3 V
ΔT max	70°C	79°C
Qc max	40.3 W	46.5 W

* When applying + voltage to red wire and - voltage to black wire, marked substrate becomes cold side.

업체명	LCDM		품명	열전모듈
최도 SCALE	1:2	작성일	2022-12-07	
제도 설계	검도	승인	도명	LM-6020-4.0-11.4
	Y. J. Kwon		도번	LM-6020-4.0-11.4

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