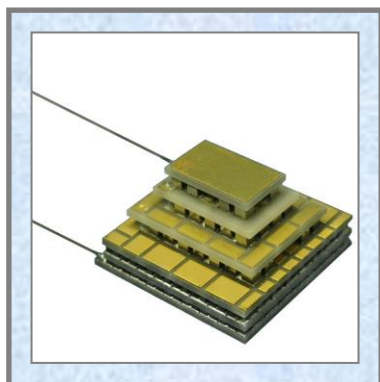


# THERMO MODULE DATA

Model **K5MA004**

RoHS 2002/95/EC Compliant

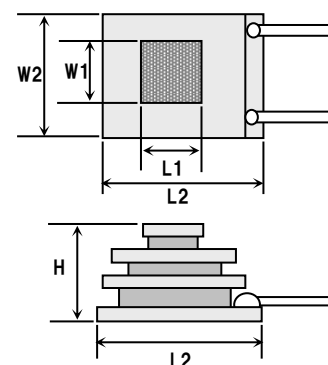
Two-stage Module



Th	$\Delta T_{max}(^{\circ}C)$	$I_{max}(A)$	$V_{max}(v)$	$Q_{cmax}(w)$
27°C	142	4.5	14.8	2.5
50°C	159	4.5	16.6	2.7

	W1	L1	W2	L2	H
Size(mm)	6.6	11.0	19.25	20.75	9.90
Tolerance(mm)	±0.1	±0.1	±0.2	±0.4	±0.6
Metallization	Cu-Ni-Au				
Ceramic material	Aluminum nitride				
Assembly solder	SnSb / SnAgCu				



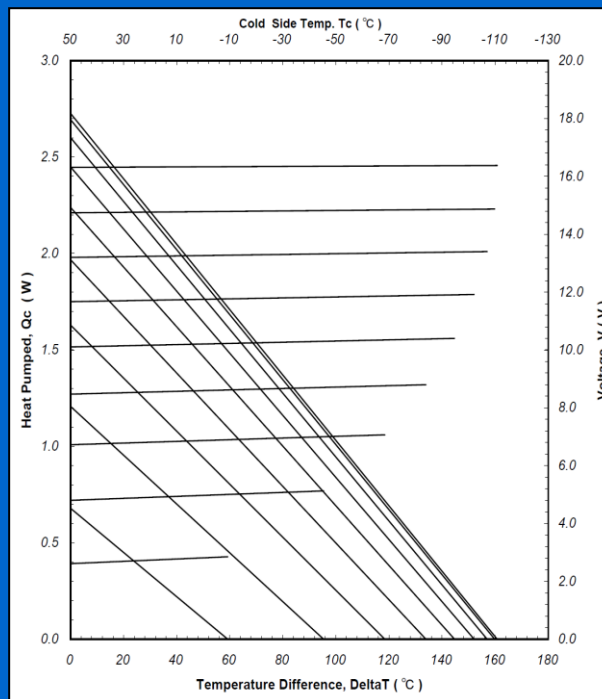
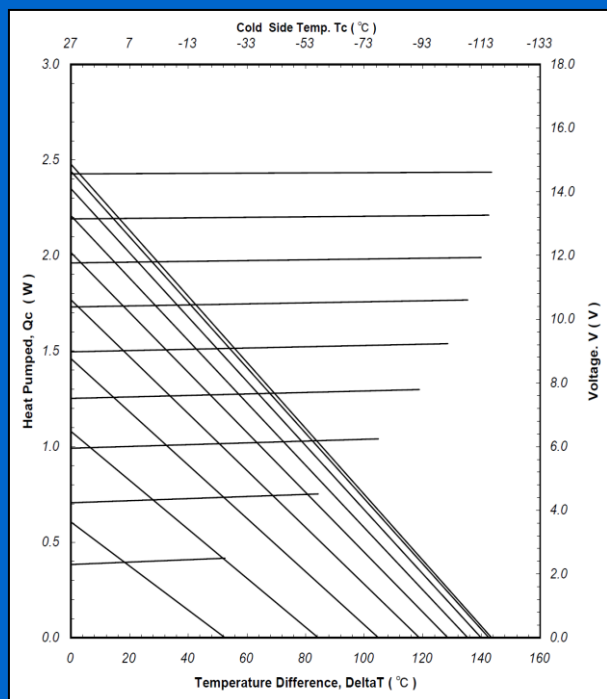
## Option

Pretinning solder InSn (melting point:117°C), BiSn (melting point:138°C)

## Performance Diagram

Th=27°C

Th=50°C



Ambient Nitrogen

Current value  $I = 0.8 \sim 2.6 A$  ( Step = 0.2 A )

**KELK Ltd.**

■ Head Office & Factory

■ Thermo Module Gr.

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