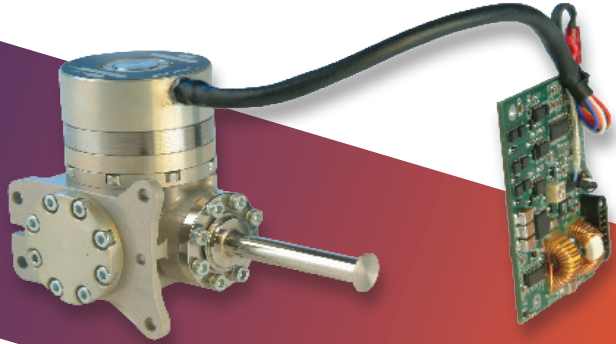
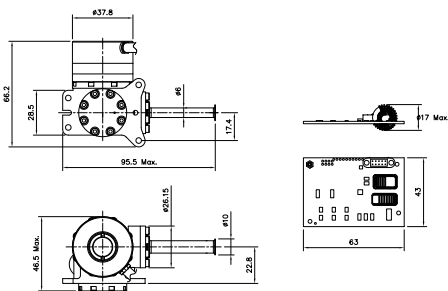


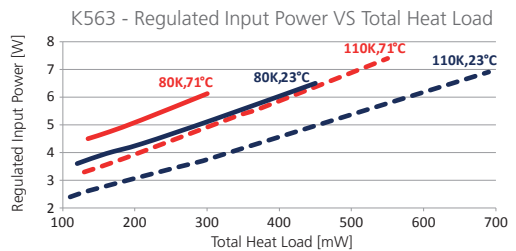
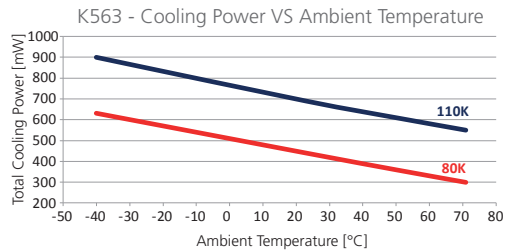
# K563



- Compact, Lightweight and Low Power Microcooler
- >5,000 Coolers Have Been Fielded Since 2007
- Specially Designed to Fit Handheld Thermal Imagers
- Complies with 6V and 12V Batteries
- Uses a 1/4" Standard Cold Finger
- Includes External Analog/Digital Temperature Controller



Dimensions in mm



## SPECIFICATIONS

• Total cooling power: 500mW@110K@71°C 300mW@80K@71°C	• Cold tip temperature range: 80K-110K	• Meets environmental conditions per MIL-STD-810
• MTTF: >9,000hr @ Basic profile	• Product maturity: under production	• Acoustic noise: Non detectable from 30m according to MIL-STD-1474E
• Steady state input power: (160mW@80K@23°C): 4Wdc typ.	• Cooler weight: 265gr	• Service life: 15 years
• Maximum input power: 18Wdc typ.	• Controller weight: 25gr	• Standard warranty*: 3,000hr/2 years
• Cool down time: (190J@80K@23°C): 4.5 min. typ.	• Input voltage: 5-16Vdc	• Option to propose extended warranty
	• Ambient temperature range: - Operational: -40°C...+71°C - Non-Operational: -55°C...+85°C	
	• Temperature stability: ±0.5K	