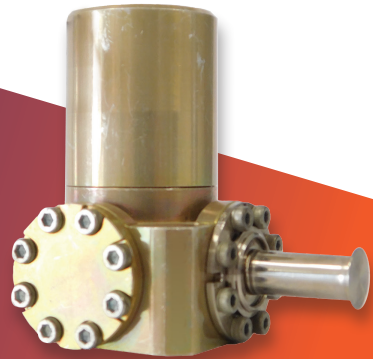
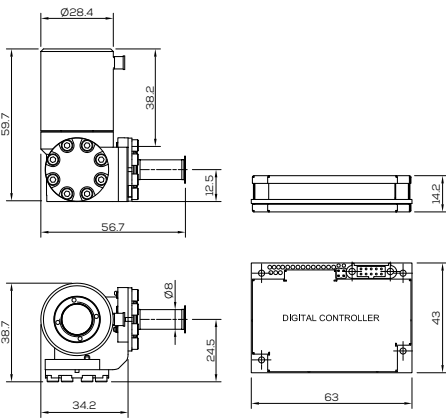




# K562 SHORT

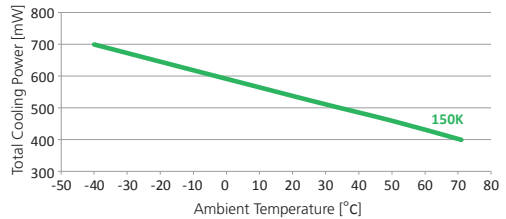


- Designed to Maximum SWaP-C Advantages
- Cooler Weight 185 grams , 56.7mm in Length
- For HOT Detectors Operating at 150K-180K
- Uses 8mm Short Cold Finger
- Specially Designed to Fit Handheld Thermal Imagers
- Includes External Digital Temperature Controller

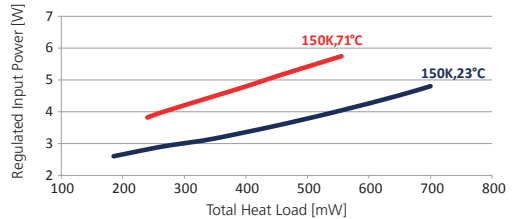


Dimensions in mm

K562 Short - Cooling Power VS Ambient Temperature



K562 Short - Regulated Input Power VS Total Heat Load



## SPECIFICATIONS

• Total cooling power: 400mW@150K@71°C	• Cold tip temperature range: 150K-180K	• Temperature stability: ±0.2K
• MTTF: >17,000hr @ Basic profile	• Product maturity: under production	• Meets environmental conditions per MIL-STD-810
• Steady state input Power: (185mW@150K@23°C): 2.6Wdc typ.	• Cooler weight: 185gr	• Acoustic noise: non detectable from 25m according to MIL-STD-1474E
• Maximum input power: 12Wdc typ.	• Controller weight: 30gr	• Service life: 15 years
• Cool down time: (150J@150K@23°C): 3.5 min. typ.	• Input voltage: 12Vdc typ.	• Standard warranty*: 3,000hr/2 years
	• Ambient temperature range: - Operational: -40°C...+71°C - Non-Operational: -55°C...+85°C	• Option to propose extended warranty