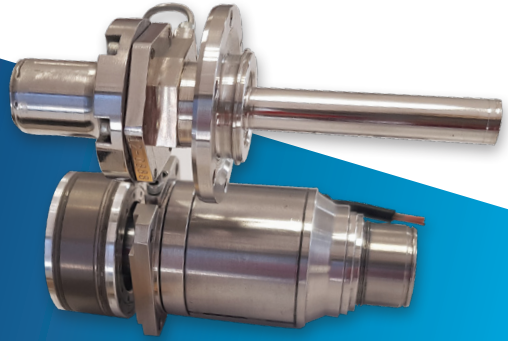
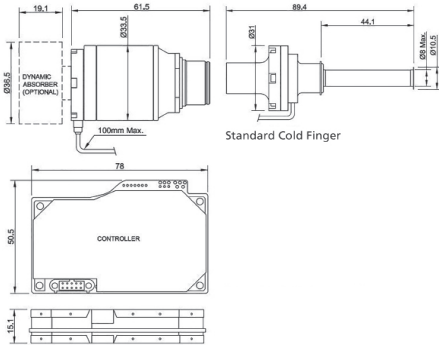


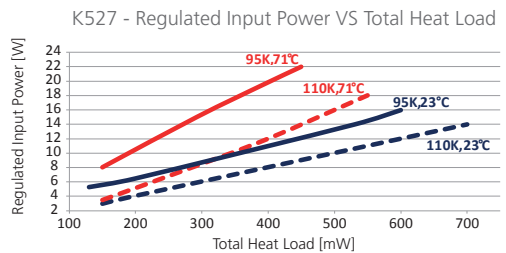
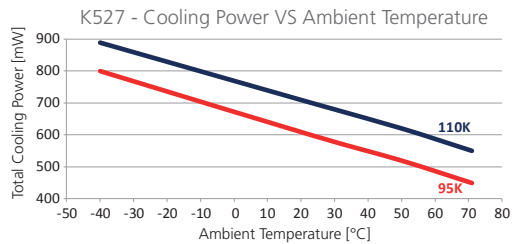
K527



- Designed to Maximum SWaP-C Advantages
- Linear Microcooler with Optional Balancer
- Single Piston for HOT Detectors at 95-150K
- Proven MTTF >35,000 Operating Hours
- Ruggedized Version for Harsh Applications
- Includes External Digital Temperature Controller



Dimensions in mm



SPECIFICATIONS

• Total cooling power: 550mW@110K@71°C 450mW@95K@71°C	• Cold tip temperature range: 95K-150K • Product maturity: under production • Cooler weight: 345gr	• Meets environmental conditions per MIL-STD-810 • Acoustic noise: Non detectable from 20m according to MIL-STD-1474E
• MTTF: >35,000hr @ Basic profile	• Input voltage: 5-11, 20-32Vdc	• Service life: 15 years
• Steady state input power: (200mW@110K@23°C): 4Wdc typ.	• Ambient temperature range: - Operational: -54°C...+85°C - Non-Operational: -55°C...+85°C	• Standard warranty*: 5,000hr/2 years
• Maximum input power: 30Wdc typ.	• Temperature stability: ±0.3K	• Option to propose extended warranty
• Cool down time: (250J@110K@23°C): 3 min. typ.		