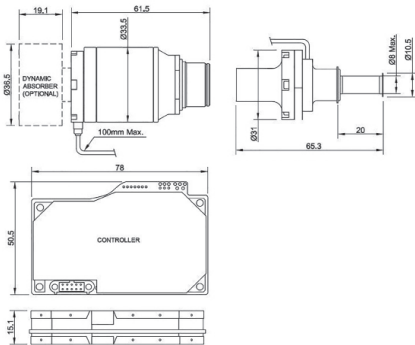


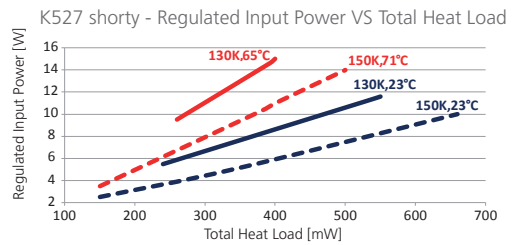
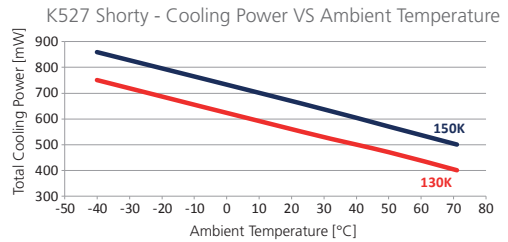
K527 SHORTY



- Designed to Maximum SWaP-C Advantages
- Designed for Long-Life Operation
- Single Piston Linear Cooler with Optional Balancer
- Use a “Shorty” Cold Finger
- Includes External Digital Temperature Controller



Dimensions in mm



SPECIFICATIONS

• Total cooling power: 500mW@150K@71°C 400mW@130K@71°C	• Cold tip temperature range: 130K-180K	• Meets environmental conditions per MIL-STD-810
• MTTF: >35,000hr @ Basic profile	• Product maturity: under production	• Acoustic noise: Non detectable from 20m according to MIL-STD-1474E
• Steady state input power: (150mW@150K@23°C): 2.5Wdc typ.	• Cooler weight: 345gr	• Service life: 15 years
• Maximum input power: 30Wdc typ.	• Input voltage: 5-11, 20-32Vdc	• Standard warranty*: 5,000hr/2 years
• Cool down time: (200J@150K@23°C): 2 min. typ.	• Ambient temperature range: - Operational: -40°C...+71°C - Non-Operational: -55°C...+85°C	• Option to propose extended warranty
	• Temperature stability: ±0.3K	