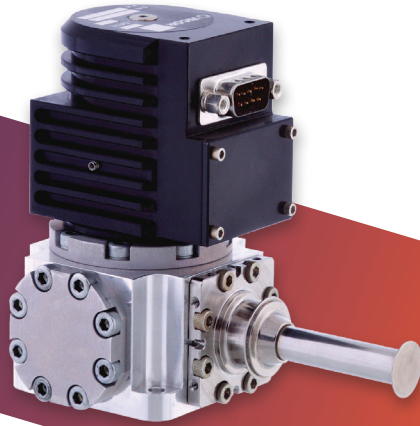
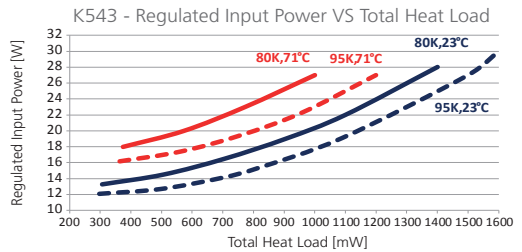
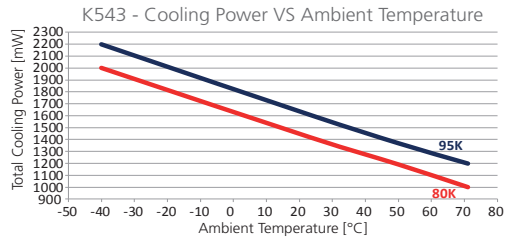
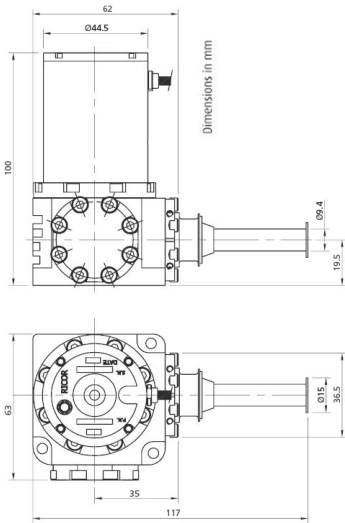


# K543



- Ruggedized and Robust Design
- High Cooling Capacity >1W@71°C&77K
- For Mega Pixel Arrays and Dual Band Detectors
- Use K548/9 cold finger
- Includes Onboard Temperature Controller



## SPECIFICATIONS

• Total cooling power: 1200mW@95K@71°C 1000mW@77K@71°C	• Cold tip temperature range: 50K-110K • Product maturity: under production • Cooler weight: 850gr	• Temperature stability: ±0.5K • Meets environmental conditions per MIL-STD-810
• MTTF: >12,000hr @ Basic profile	• Input voltage: 20-32Vdc	• Acoustic noise: <45dB @ 5 meter
• Steady state input power: (500mW@77K@23°C): 15 Wdc typ.	• Ambient temperature range: - Operational: -40°C...+71°C - Non-Operational: -55°C...+85°C	• Service life: 15 years • Standard warranty*: 3,000hr/2 years
• Maximum input power: 50Wdc typ.		* Option to propose extended warranty
• Cool down time: (500J@77K@23°C): 4 min. typ.		