

FEATURE	K580	K562SI	K562S	K562 SHORT	K561	K563	K508	K508N	K538	K548	K543	K544	K549 9MM	K549 8MM	K527	K527 SHORTY	K590	
Total Cooling power	600mW @71°C, 150K	400mW @71°C, 150K	350mW @71°C, 110K	400mW @71°C, 150K	280mW @71°C, 80K	300mW @71°C, 80K	550mW @71°C, 77K	550mW @71°C, 77K	650mW @71°C, 77K	800mW @71°C, 77K	1000mW @71°C, 77K	1000mW @71°C, 77K	800mW @71°C, 77K	550mW @71°C, 77K	550mW @71°C, 110K	500mW @71°C, 150K	500mW @71°C, 150K	
Basic MTTF (hr)	16,000	17,000	12,000	17,000	10,000	9,000	15,000	28,000	12,000	17,000	12,000	12,000	10,000	10,000	35,000	35,000	30,000	
Typical Steady State Input Power @23°C	1.5Wdc @150mW, 150K	2.5Wdc @200mW, 150K	3Wdc @200mW, 110K	2.6Wdc @185mW, 150K	4Wdc @180mW, 80K	4Wdc @160mW, 80K	5Wdc @200mW, 80K	5.5Wdc @200mW, 80K	6Wdc @200mW, 80K	10Wdc @300mW, 80K	15Wdc @500mW, 77K	15Wdc @500mW, 77K	12Wdc @300mW, 80K	10Wdc @200mW, 80K	4Wdc @200mW, 110K	2.5Wdc @150mW, 150K	1.8Wdc @180mW, 150K	
Typical Maximum Input Power @23°C	10Wdc	11Wdc	14Wdc	12Wdc	16Wdc	18Wdc	18Wdc	20Wdc	18Wdc	40Wdc	50Wdc	56Wdc	40Wdc	40Wdc	30Wdc	30Wdc	10Wdc	
Typical Cool Down Time @23°C	3min @150J, 150K	3.5min @150J, 150K	4min @160J, 110K	3.5min @150J, 150K	5min @190J, 80K	4.5min @190J, 80K	5min @250J, 80K	5min @250J, 80K	4.5min @250J, 80K	5min @500J, 77K	4min @500J, 77K	4min @500J, 77K	5min @500J, 77K	5min @250J, 80K	3min @250J, 110K	2min @200J, 150K	2.5min @150J, 150K	
Cold Tip Temperature Range	130K-180K	130K-180K	95K-150K	150K-180K	80K-110K	80K-110K	65K-110K	65K-150K	65K-110K	65K-110K	50K-110K	50K-110K	65K-110K	65K-110K	95K-150K	130K-180K	120K-180K	
Cooler & Controller Weight	220gr	215gr	215gr	215gr	290gr	290gr	450gr	475gr	450gr	600gr	850gr	930gr	940gr	900gr	345gr	345gr	190gr	
Input Voltage	4-16Vdc	12Vdc typ.	12Vdc typ.	12Vdc typ.	5-16Vdc	5-16Vdc	8.5-32Vdc	8.5-32Vdc	8.5-32Vdc	20-32Vdc	20-32Vdc	20-32Vdc	20-32Vdc	20-32Vdc	5-11, 20-32Vdc	5-11, 20-32Vdc	4.5-14Vdc	
Ambient Temperature Range - Operation	-40°C...71°C	-40°C...71°C	-40°C...71°C	-40°C...71°C	-40°C...71°C	-40°C...71°C	-40°C...85°C	-40°C...85°C	-40°C...85°C	-40°C...85°C	-40°C...85°C	-40°C...71°C	-40°C...102°C	-40°C...100°C	-40°C...71°C	-54°C...85°C	-40°C...71°C	-40°C...+71°C
Cold Finger Diameter	1/4" generic	8mm	8mm	8mm	8mm	1/4"	8mm	8mm	9.4mm	9.4mm	9.4mm	9.4mm	9.4mm	9.4mm	8mm	8mm	1/4" generic	

Integral Rotary

Split Rotary

Split Linear