

## 785 nm Series Single Mode Laser Diodes

Axcel's 785 nm single-mode laser diode is available as a chip-on-submount, or in a 5.6 mm or 9 mm TO-can. Our 785 nm products are ideal for applications in Raman Spectroscopy, medical laser therapy, dental, defense, laser pumping, and optical data storage.

Wavelength (nm)	Tolerance (nm)	Power (mW)	Package	Datasheet	Picture	Part Number
785 nm	5	80	<a href="#"><u>2.1mm Submount</u></a>			C2-785-0080-S50
785 nm	5	80	<a href="#"><u>5.6mm TO Can</u></a>			M5-785-0080-S50
785 nm	5	80	<a href="#"><u>9mm TO Can</u></a>	<a href="#"><u>data</u></a>		M9-785-0080-S50
785 nm	5	150	<a href="#"><u>2.1mm Submount</u></a>			C2-785-0150-S50
785 nm	5	150	<a href="#"><u>9mm TO Can</u></a>			M9-785-0150-S50








## 808 nm Series Single Mode Products

Axcel's 808 nm single-mode laser diode is available in as a chip-on-submount, or a 9 mm TO-can. Our 808 nm products are ideal for applications in medical, image recording, spectral analysis, data storage, and communication fields.

Wavelength (nm)	Tolerance (nm)	Power (mW)	Package	Datasheet	Picture	Part Number
808 nm	5	100	<u>2.1mm Submount</u>	<u>data</u>		C2-808-0100-S50
808 nm	5	100	<u>9mm TO Can</u>			M9-808-0100-S50
808 nm	5	150	<u>2.1mm Submount</u>			C2-808-0150-S50
808 nm	5	150	<u>9mm TO Can</u>			M9-808-0150-S50

## 830 nm Series Single Mode Products

Axcel's 830 nm single-mode laser diode is available as a chip-on-submount, or a 9 mm TO-can. Our 830 nm products are ideal for applications in medical, image recording, spectral analysis, data storage, and communication fields.

Wavelength (nm)	Tolerance (nm)	Power (mW)	Package	Datasheet	Picture	Part Number
830 nm	5	50	2.1mm Submount	data		C2-830-0050-S50
830 nm	5	50	9mm TO Can			M9-830-0050-S50
830 nm	5	100	2.1mm Submount			C2-830-0100-S50
830 nm	5	100	9mm TO Can			M9-830-0100-S50
830 nm	5	100	14-Pin Butterfly	data		BF-830-0100-S50
830 nm	5	150	2.1mm Submount	data		C2-830-0150-S50
830 nm	5	150	9mm TO Can			M9-830-0150-S50









## 852 nm Single Mode Products

Axcel's 852 nm single-mode laser diode is available as a chip-on-submount or in a 9 mm TO-can. Our 852 nm products are ideal for applications in laser ranging, medical, optical data storage, defense, and spectral analysis fields.

Wavelength (nm)	Tolerance (nm)	Power (mW)	Package	Datasheet	Picture	Part Number
852 nm	5	100	<u>2.1mm Submount</u>	<u>data</u>		C2-852-0100-S50
852 nm	5	100	<u>9mm TO Can</u>			M9-852-0100-S50
852 nm	5	150	<u>2.1mm Submount</u>			C2-852-0150-S50
852 nm	5	150	<u>9mm TO Can</u>			M9-852-0150-S50

## 905/915 nm Series Single Mode Laser Diodes

Axcel's 905 nm and 915 nm single-mode laser diodes is available in a fiber-coupled package, as a chip-on-submount, or in a 5.6 mm or 9 mm TO-can. Our 915 nm products are ideal for applications in medical, laser range finding, optical measurements, and fiber laser fields.

Wavelength (nm)	Tolerance (nm)	Power (mW)	Package	Datasheet	Picture	Part Number
905 nm	5	100mW	2.1mm Submount	data		C2-905-0100-S50
905 nm	5	100mW	5.6mm TO Can			M5-905-0100-S50
905 nm	5	100mW	9mm TO Can			M9-905-0100-S50
915 nm	5	200mW	2.1mm Submount			C2-915-0200-S50
915 nm	5	200mW	9mm TO Can			M9-915-0200-S50
915 nm	5	300mW	2.1mm Submount			C2-915-0300-S50
915 nm	5	300mW	9mm TO Can			M9-915-0300-S50
915 nm	5	180mW	14-Pin Butterfly			BF-915-0180-P50

## 940 nm Series Single Mode Laser Diodes

Axcel's 940 nm single-mode laser diodes is available in a fiber-coupled package, as a chip-on-submount, or in a 5.6 mm or 9 mm TO-can. Our 940 nm products are ideal for applications in medical, laser range finding, optical measurements, and fiber laser fields.

Wavelength (nm)	Tolerance (nm)	Power (mW)	Package	Datasheet	Picture	Part Number
940 nm	5	100mW	2.1mm Submount	data		C2-940-0100-S50
940 nm	5	100mW	9mm TO Can			M9-940-0100-S50
940 nm	5	200mW	2.1mm Submount			C2-940-0200-S50
940 nm	5	200mW	9mm TO Can			M9-940-0200-S50
940 nm	5	200mW	14-Pin Butterfly	data		BF-940-0200-P50
940 nm	5	300mW	2.1mm Submount	data		C2-940-0300-S50
940 nm	5	300mW	9mm TO Can			M9-940-0300-S50

## 975/980 nm Series Single Mode Laser Diodes

Axcel's 975/980 nm single-mode laser diode is available in a fiber-coupled package, as a chip-on-submount, or in a 9 mm TO-can. It is Telcordia qualified up to 350 mW. This laser is most commonly used in medical, dental, defense, erbium-doped fiber amplifier (EDFA) and CATV applications.

Wavelength (nm)	Tolerance (nm)	Power (mW)	FBG	Package	Datasheet	Picture	Part Number
980 nm	5	250	No	<u>2.1mm Submount</u>	<a href="#">data</a>		C2-980-0250-S50
980 nm	5	250	No	<u>9mm TO Can</u>			M9-980-0250-S50
980 nm	5	300	No	<u>2.1mm Submount</u>			C2-980-0300-S50
980 nm	5	300	No	<u>9mm TO Can</u>			M9-980-0300-S50
976 nm	1	100	Yes	<u>8-Pin Mini-DIL</u>	<a href="#">data</a>		MD-976-0100-PP0
976 nm	1	150	Yes	<u>8-Pin Mini-DIL</u>			MD-976-0150-PP0
976 nm	1	180	Yes	<u>8-Pin Mini-DIL</u>			MD-965-0180-PP0
975 nm	0.50	180	Yes	<u>14-Pin Butterfly</u>	<a href="#">data</a>		BF-975-0180-PP0

975 nm	5	220	No	<u>14-Pin Butterfly</u>		BF-975-0220-P50
979 nm	0.5	250	Yes	<u>14-Pin Butterfly</u>		BH-979-0250-PP0
979 nm	5	300	No	<u>14-Pin Butterfly</u>		BH-979-0300-P50



## 1064 nm Single Mode Laser Diodes

Axcel's 1064 nm single-mode laser diode is available in a fiber-coupled package, as a chip-on-submount, or in a 9 mm TO-can. Our 1064 nm products are ideal for applications in remote sensing, optical measurements, and communication fields.

Wavelength (nm)	Tolerance (nm)	Power (mW)	Fiber Bragg Grating	Package	Datasheet	Picture	Part Number
1064 nm	5	200	No	2.1mm Submount	data		C2-A64-0200-S50
1064 nm	5	200	No	9mm TO Can			M9-A64-0200-S50
1064 nm	5	300	No	2.1mm Submount			C2-A64-0300-S50
1064 nm	5	300	No	9mm TO Can			M9-A64-0300-S50
1064 nm	5	350	No	2.1mm Submount			C2-A64-0350-S50
1064 nm	5	350	No	9mm TO Can			M9-A64-0350-S50
1064 nm	5	180	No	14-Pin Butterfly	data		BF-A64-0180-P50