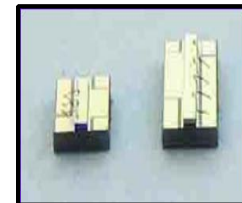
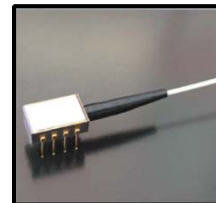
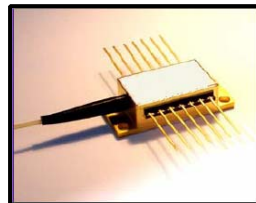


These are single-mode laser diodes that offer high brightness and reliability. They are available as a chip-on-submount, or in two standard TO packages: 5.6 mm and 9 mm. Other packages are available upon request.

Typical applications are:
 Raman Spectroscopy Optical data storage
 Telecommunications Spectral analysis

RPMC Part#	Wavelength (nm)	Spectrum FWHM (nm) max	Operating Power (Po) (mW) max	Operating Current (mA) max	Operating Voltage (V) max	Vertical Far Field (°FWHM)	Parallel Far Field (°FWHM)	Threshold (I _{th}) (mA) max	Slope Efficiency (W/A) Typ	Storage Temp °C	Operating Temp °C	Package
RAXD-785-C2-080S	785nm+/-5nm	2.0	80	130	2.8	30	10	50	1.1	-40 to 85	-10 to 60	2.1mm sub
RAXD-785-M5-080S	785nm+/-5nm	2.0	80	130	2.8	30	10	50	1.1	-40 to 85	-10 to 60	5.6mm
RAXD-785-M9-080S	785nm+/-5nm	2.0	80	130	2.8	30	10	50	1.1	-40 to 85	-10 to 60	9 mm
RAXD-785-C2-150S	785nm+/-5nm	2.0	150	200	2.2	30	10	55	1.1	-40 to 80	-20 to 50	2.1mm sub
RAXD-785-M9-150S	785nm+/-5nm	2.0	150	200	2.2	30	10	55	1.1	-40 to 80	-20 to 50	9 mm
RAXD-808-C2-100S	808nm+/-5nm	2.0	100	150	2.2	22	11	50	1.0	-40 to 80	-20 to 50	2.1mm sub
RAXD-808-M9-100S	808nm+/-5nm	2.0	100	150	2.2	22	11	50	1.0	-40 to 80	-20 to 50	9 mm
RAXD-808-C2-150S	808nm+/-5nm	2.0	150	220	2.2	22	11	50	1.0	-40 to 80	-20 to 50	2.1mm sub
RAXD-808-M9-150S	808nm+/-5nm	2.0	150	220	2.2	22	11	50	1.0	-40 to 80	-20 to 50	9 mm
RAXD-830-C2-050S	830nm+/-5nm	2.0	50	100	2.2	23	10	40	1.0	-40 to 80	-20 to 50	2.1mm sub
RAXD-830-M9-050S	830nm+/-5nm	2.0	50	100	2.2	23	10	40	1.0	-40 to 80	-20 to 50	9 mm
RAXD-830-C2-100S	830nm+/-5nm	2.0	100	170	2.2	23	10	40	1.0	-40 to 80	-20 to 50	2.1mm sub
RAXD-830-M9-0100S	830nm+/-5nm	2.0	100	170	2.2	23	10	40	1.0	-40 to 80	-20 to 50	9 mm
RAXD-830-C2-150S	830nm+/-5nm	2.0	150	220	2.2	23	10	40	1.0	-40 to 80	-20 to 50	2.1mm sub
RAXD-830-M9-150S	830nm+/-5nm	2.0	150	220	2.2	23	10	40	1.0	-40 to 80	-20 to 50	9 mm
RAXD-852-C2-100S	852nm+/-5nm	2.0	100	170	2.2	23	10	40	1.0	-40 to 80	-20 to 50	2.1mm sub
RAXD-852-M9-100S	852nm+/-5nm	2.0	100	170	2.2	23	10	40	1.0	-40 to 80	-20 to 50	9 mm
RAXD-852-C2-150S	852nm+/-5nm	2.0	150	220	2.2	23	10	40	1.0	-40 to 80	-20 to 50	2.1mm sub
RAXD-852-M9-150S	852nm+/-5nm	2.0	150	220	2.2	23	10	40	1.0	-40 to 80	-20 to 50	9 mm

Specifications are subject to change without notice – TE Polarization



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