

# Multimode fiber coupled laser diode, 4W @ 808nm, QSP-808-4



- 4W output from single emitter at 805-811nm
- CW or pulsed operation
- Compact design
- Estimated MTTF of 200,000 hours
- Hermetically sealed, electrically isolated case
- Multimode fiber 105/125um, NA 0.22
- Optional FC/PC or SMA 905 optical connector

No View Sample Datasheet

## Specifications

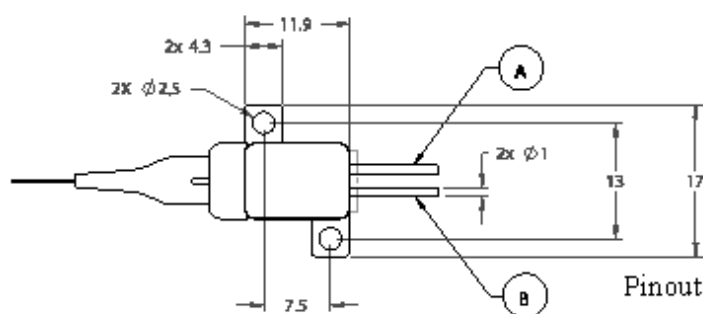
Test conditions: temperature 25°C,

Parameter	Symbol	Min	Typ	Max	Unit
Optical power from pigtail	$P_f$		4		W
Wavelength	$\lambda_c$	805		811	nm
Wavelength v/s temperature coefficient	$d\lambda/dT$		0.3		nm/°C
Spectral linewidth (FWHM)	$\Delta\lambda$		2	5	nm
Forward current	$I_f$		4.8	5.7	A
Threshold current	$I_{th}$		0.9	1.1	A
Forward voltage	$V_f$		2	2.3	V
Slope efficiency	$dI/dI$		1		W/A
Storage temperature	$T_{stg}$	-30		70	°C
Operating case temperature	$T_c$	15		40	°C
Lead soldering temperature @ 10s	-			300	°C

## Spectrum

No Spectrum Image

## Pin Configuration



Pin	Description
A	Laser cathode (-)
B	Laser anode (+)

