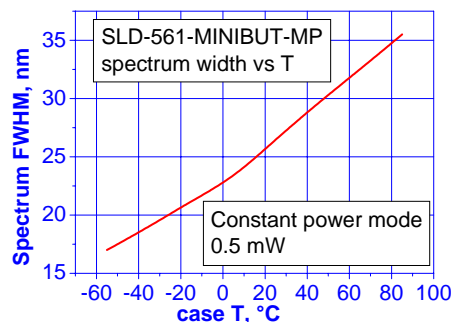
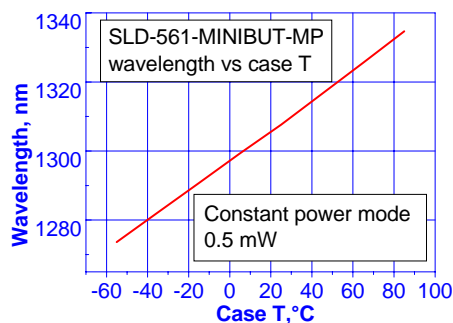
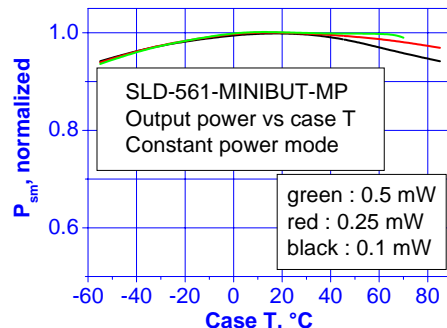


Features:

- miniature uncooled package, only 10 x 4 x 8 mm frame size, excellent for miniaturization of fiberoptic gyros and other sensors
- developed for constant power mode operation; excellent stability of fiber-to-SLD coupling block
- up to 0.5 mW ex SM fiber from -55 to +70 °C
up to 0.25 mW ex SM fiber from -55 to +85 °C
- extension of operation and storage temperature range available upon request!
- very flat spectrum with residual Fabry-Perot modulation depth below 2%
- PM fiber coupled versions available

PERFORMANCE EXAMPLES



Parameter	Min	Typ	Max
Output power ex SM fiber, mW, case @+25 °C	-	-	2.0
Output power ex SM fiber, mW, case @ +70 °C	0.5	-	-
Output power ex SM fiber, mW, case @ +85 °C	0.25	-	-
Forward current, mA	-	-	250
Forward voltage, V	-	-	2.0
PD monitor photocurrent at 0.5 mW SM fiber output, mA	0.04	-	-
Peak wavelength*, nm (case @+25 °C)	1270	1300	1330
Spectrum width, FWHM, nm (case @ +25 °C)	20	25	-
Residual spectral modulation depth, %	-	-	2.0
Operation temperature range, (case) °C	-55	-	+85
Storage temperature range, °C	-55	-	+85

* - peak wavelength at 1300 nm is not guaranteed if not additionally specified in Purchase Order

Marking: SLD-561-MP-MINIBUT-(c)-PD

c – fiber SM or PM

Example: SLD-561-MP-MINIBUT-SM-PD

Attention: two package styles available with different baseplates, please check package drawings