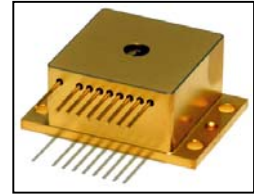




## RLT1725-300HHL



### TECHNICAL DATA

## High Power Infrared Laser Diode

#### Features

- 300 mW CW Output Power
- 1.72 – 1.73  $\mu\text{m}$  Emission Wavelength

#### Applications

- Medical Usage
- Scientific and research

#### Specifications (25°C)

Item	Symbol	Min.	Typ.	Max.	Unit
<b>Laser Diode</b>					
CW Output Power	$P_O$	-	300	-	mW
Emitting area	W x H	-	100 x 1	-	$\mu\text{m}$
Wavelength	$\lambda$	1720	1725	1730	nm
Threshold Current	$I_{TH}$	650	700	750	mA
Operating Current	$I_F$	2.3	2.5	2.7	A
Operating Voltage	$U_F$	1.2	1.3	1.4	V
Beam Divergence – fast axis (FWHM)	$\theta_{\perp}$	10	11	12	deg
Beam Divergence – slow axis (FWHM)	$\theta_{\parallel}$	-	1	-	
Spectral Width (FWHM)	$\Delta\lambda$	3	4	50	nm
Mode Structure			MM		



#### Spectral emission

