

**1208nm~1210nm 1.5W Laser Diode with E-mount Package | FAC Lens Optional | High Power LD**  
**1200nm~1210nm 1.5W Output Power | Hermetic Package Optional | Square or Line Beam Optional**

PARAMETER	SYMBOL	VALUE	UNIT
Reverse Voltage	$V_r$	2.0	V
Operating Temperature	$T_{op}$	+10~+30	°C
Storage Temperature	$T_{stg}$	-20~+80	°C
Lead soldering temperature (10 sec.)	$T_{is}$	260	°C
<b>Features:</b> <ul style="list-style-type: none"> <li>🔸 1210nm</li> <li>🔸 1.5W Output Power</li> <li>🔸 E-mount Package</li> <li>🔸 FAC Lens Optional (Square or Line Beam)</li> </ul>			
<b>Applications:</b> <ul style="list-style-type: none"> <li>🔸 Medical Laser Treatment</li> <li>🔸 Others</li> </ul>			
<b>Specifications</b>	<b>WSLD-1210-1500m-E</b>		
	<b>Min</b>	<b>Type</b>	<b>Max</b>
Center Wavelength@25°C	1190nm	1210nm	1230nm
Spectral Width (FWHM)	----	6.0nm	10.0nm
Output Power	----	1.5W	----
Emitter Area	----	85x1μm	----
Beam Divergence (With FAC Lens)	----	10° <sub>⊥</sub> x 35° <sub>//</sub>	----
Temperature Coefficient of Wavelength	----	0.7nm / °C	----
Slope Efficiency	0.5W/A	----	----
Threshold Current (Typ.)	----	0.3A	0.6A
Operating Current (Typ.)	----	3.3A	3.6A
Operating Voltage	----	1.3V	1.5V
Package Style	E-mount		
Recommended Operating Temperature	25°C		

