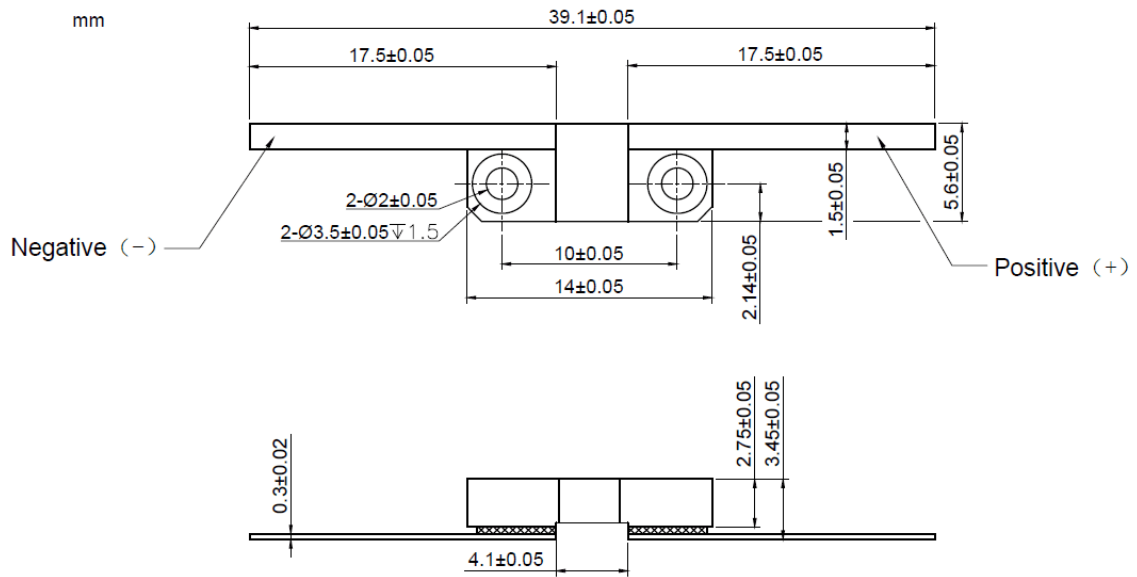


1550nm~1560nm 3W Laser Diode with E-mount Package | Square Beam | FAC Optional
1550nm 3W Power| High Power LD | Hermetic Package Optional | Infrared Laser Diode
 WSLD-1550-003-E Wavespectrum Laser Group www.wavespectrum-laser.com

| 1550nm Laser Diode | 3W/E-mount | Wavespectrum Laser Group | |
|---|--|---|----------------|
| 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 |
| Features: <ul style="list-style-type: none"> 1550nm 3W Output Power E-mount Package |  | | |
| Applications: <ul style="list-style-type: none"> Medical Laser Treatment Others | | | |
| Specifications | WSLD-1550-003-E | | |
| | Min | Type | Max |
| Center Wavelength@25°C | +/-10nm | 1550nm | +/-30nm |
| Spectral Width (FWHM) | ---- | 15.0nm | ---- |
| Output Power | ---- | 3W | ---- |
| Emitter Area | ---- | 100x1μm | ---- |
| Beam Divergence | ---- | 35°_⊥ x 10°_{//} | ---- |
| Temperature Coefficient of Wavelength | ---- | 0.7nm / °C | ---- |
| Slope Efficiency | ---- | 0.32W/A | ---- |
| Threshold Current (Typ.) | ---- | 0.5A | ---- |
| Operating Current (Typ.) | ---- | 10.0A | ---- |
| Operating Voltage | ---- | 2.0V | ---- |
| Package Style | E-mount | | |
| Recommended Operating Temperature | 25°C | | |



E-mount Package View



**Electrically shorten LD module and store in non-extreme conditions.
 Suggest using the constant current power supply.**

