



1064nm High Power Free Space Isolator Sensitive C147

Features

- Low Insertion Loss, High Isolation
- High Power Handling, Large Clear Aperture
- Broad band

Applications

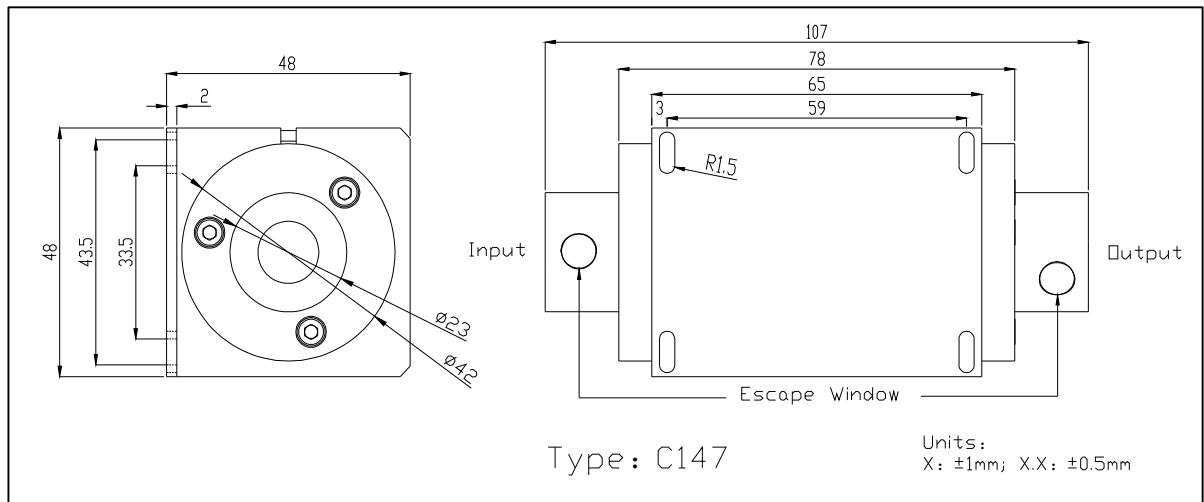
- Fiber Laser, Solid Laser
- Fiber Amplifier, Space Laser Protection
- Fiber optic isolator, Lab Research

Specifications

Parameters	Unit	Values	
Center Wavelength (λ_c)	nm	1064 or Specify	
Operating Wavelength Range	nm	± 10	± 40
Min. Isolation at 23°C	dB	30	25
Typ. Transmission	-	97%	93%
Min. Transmission	-	94%	90%
Min. Extinction Ratio	dB	25	
Max. Optical Power(Based on 2mm BD)	W	80	
Peak Power	KW	200 @ 10ps	
Operating Temperature (Non-Condensing)	°C	0 to +50	
Storage Temperature (Non-Condensing)	°C	-20 to +75	

*Input polarization plane - vertical

Package Dimensions



Ordering Information

HPFSI-①①-②②-③③-④④-⑤⑤

①①: Wavelength
06 - 1064nm
SS - Specify

③③: Handling Power
80 - 80W
SS - Specify

⑤⑤: Polarization type
S - Polarization Sensitive

②②: Package Type
C147 - Type C147

④④: Clear Aperture
47 - Dia. 4.7mm
SS - Specify

⑥⑥: Wavelength Range
10 - $\lambda \pm 10\text{nm}$
40 - $\lambda \pm 40\text{nm}$