



1064nm High Power Free Space Isolator Sensitive C147

Features

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

Applications

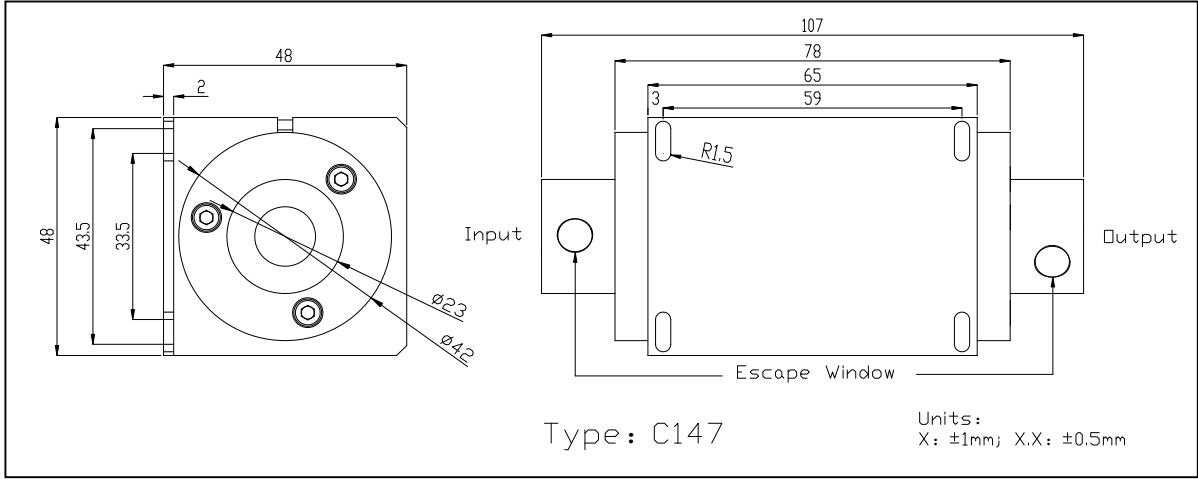
Fiber Laser, Solid Laser
Fiber Amplifier, Space Laser Protection
Fiber optic isolator, Lab Research

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 - $\lambda \pm 10$ nm
40 - $\lambda \pm 40$ nm