



## High Power Polarization Insensitive Circulator (GK-HPCIR Series)

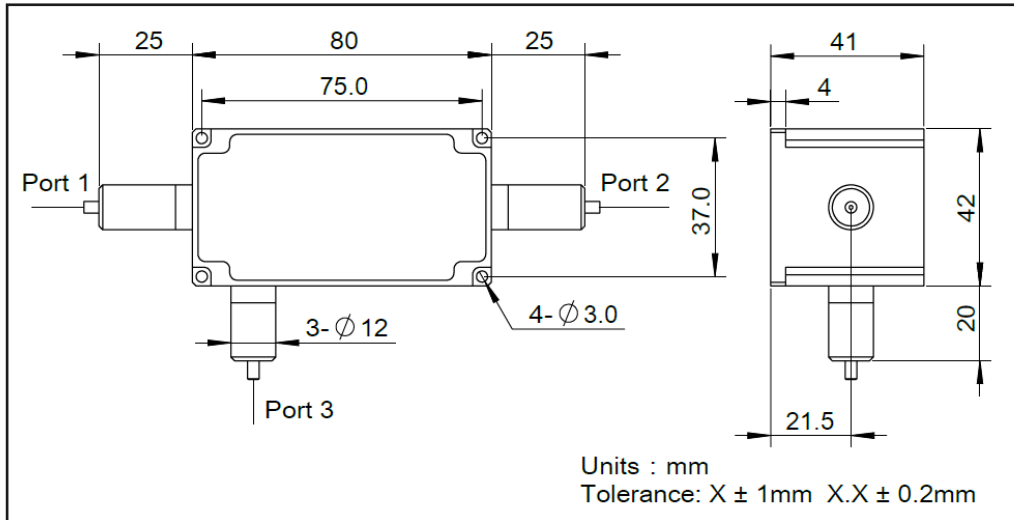
### ● Description

The High Power Polarization Insensitive Circulator is characterized with low insertion loss, high isolation, high power handling, high return loss. It is ideal for fiber laser and instrumentation applications.

### ● Specifications

Parameter	Unit	Value
Center Wavelength ( $\lambda_c$ )	nm	1064
Operating Wavelength Range	nm	$\lambda_c \pm 10$
Typ. Peak Isolation	dB	25
Min. Isolation, $\lambda_c$ , 23 °C	dB	22
Typ. Insertion Loss, 23 °C	dB	0.8
Max. Insertion Loss, 23 °C	dB	1
Max. Polarization Dependent Loss	dB	0.2
Min. Crosstalk	dB	45
Min. Return Loss	dB	45
Max. Average Optical Power	W	10
Max. Peak Power for ns Pulse	kW	10
Max. Tensile Load	N	5
Fiber Type	-	HI 1060 Fiber
Operating Temperature	°C	+ 10 to + 50
Storage Temperature	°C	0 to + 60

● Package Dimensions



● Ordering Information

GK-HPCIR-①-②-③-④-⑤-⑥-⑦

①: Wavelength

06 - 1064 nm  
SS - Specify

②: Handling Power

03 - 3 W  
10 - 10 W  
SS - Specify

③: Connector Type

N - None

④: Fiber Jacket

B - 250 μm Bare Fiber  
L - 900 μm Loose Tube  
S - Specify

⑤: Fiber Length

1 - 1.0 m  
S - Specify

⑥: Fiber Type

1 - Corning HI 1060 fiber  
2 - Nufern FUD-3584 fiber  
3 - Nufern LMA-GDF-20/130-M  
S - Specify

⑦: Power Type

P - Pulse Application  
C - Continuous Wave