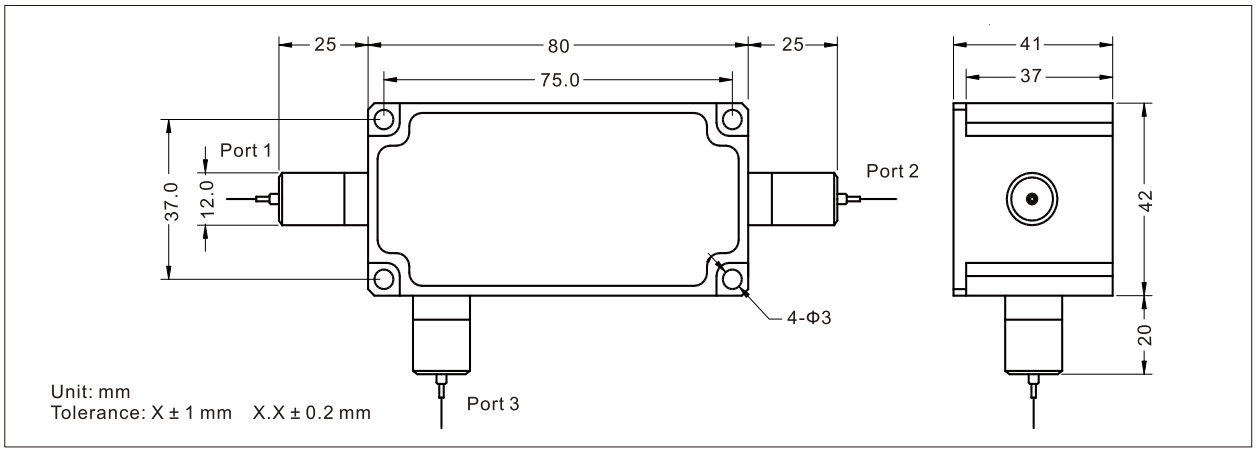
1064 nm High Power Circulator and PM Circulator (HPCIR & HPMCIR Series)

Parameter	Unit	HPCIR	HPMCIR
Center Wavelength (λc)	nm	1064	1064
Typ. Peak Isolation	dB	25	25
Min. Isolation, λc, 23℃	dB	22	22
Typ. Insertion Loss, 23℃	dB	1.3	1.3
Max. Insertion Loss, 23℃	dB	1.5	1.5
Max. Polarization Dependent Loss	dB	0.2	N/A
Min. Extinction Ratio		N/A	20
Min. Crosstalk	dB	45	45
Min. Return Loss	dB	45	45
Max. Average Optical Power	W	10	10
Max. Peak Power for ns Pulse	kW	10	10
Fiber Type		HI 1060 fiber	PM 980 Panda fiber

Package Dimensions



1064 nm 5 W Multimode Circulator (MMCIR Series)

FULL Specification Available on the WEB

Parameter	Unit	Value
Center Wavelength (λc)	nm	1064
Operating Wavelength Range	nm	λc ± 20
Typ. Insertion Loss, λc ± 20 nm, 23 ℃	dB	1.2
Max. Insertion Loss, λc ± 20 nm, 23 ℃	dB	1.5
Min. Isolation, λc ± 20 nm, 23 ℃, all polarization states	dB	20
Min. Crosstalk (P1 to P3)	dB	30
Min. Return Loss	dB	25
Max. Average Optical Power	W	5
Max. Peak Power for ns pulse	kW	5
Max. Tensile Load	N	5
Operating Temperature	℃	10 to 60
Fiber Type		Multimode fiber, 50/125 μm (N.A. 0.2)

*IL is 0.5 dB higher and RL is 10 dB lower for each connector added.
*Above specifications are measured with light source with CPR ~ 18 dB