

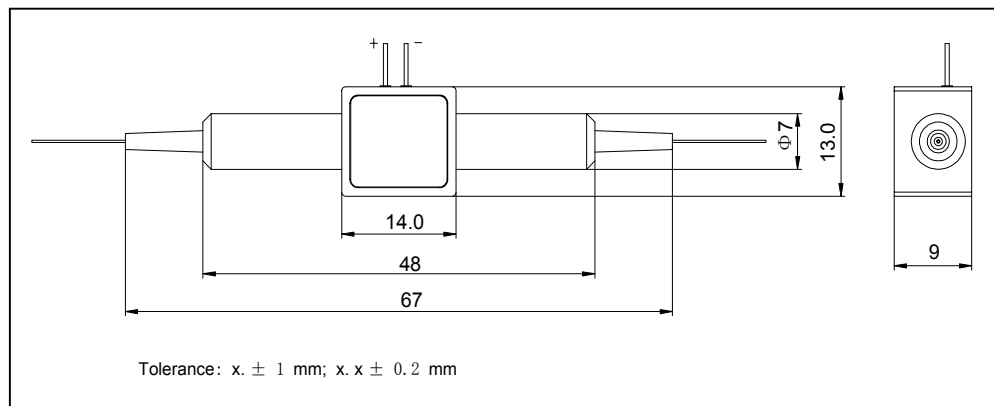
## 1064 nm High Power Polarization Maintaining Isolator for Pulse Application (DL-HPMI500-UU-V-W-X-Y-Z-P)

The 1064 nm High Power Polarization Maintaining Isolator has low insertion loss, high isolation, high power handling, high return loss, excellent environmental stability and reliability. It is ideal for fiber laser and instrumentation applications.

### A. Specifications

Parameter	Grade P	Grade A	Unit
Center Wavelength ( $\lambda_c$ )	1064 nm or specify		nm
Min. Extinction Ratio	20	18	dB
Typ. Peak Isolation	40	38	dB
Min. Isolation, $\lambda_c$ , 23 °C, all polarization states	35	32	dB
Max. Insertion Loss, 23 °C	1.6	1.9	dB
Min. Return Loss (Input/Output)	50/50	45/45	dB
Max. Average Optical Power	500		mW
Max. Peak Power for ns pulse	5		kW
Operating Temperature	0 to +50		°C
Storage Temperature	-20 to +75		°C

### B. Package Dimensions



### C. Ordering Information

#### DL-HPMI500-UU-V-W-X-Y-Z-P

UU: Wavelength	V: Grade	W: Connector Type	X: Fiber Type (PM 980 Panda fiber)
06 - 1064 nm	P - Premium	N - None	B - 250 $\mu$ m Panda fiber
SS - Specify	A - A grade		L - 900 $\mu$ m loose tube
			S - Specify
		Y: Fiber Length	Z: Working Axis
		Q - 0.75 m	F - Fast axis blocked
		S - Specify	B - Both axes working