

# Mini Size 1064nm High Power In-line Isolator

## Specifications

Parameter	Unit	Specifications	
		Non-PM	PM
Operating wavelength	nm	1030,1064 or customized	
Pass Bandwidth@-0.5dB	nm	Customized for BPF	
Pass Bandwidth@-3dB	nm	Customized for BPF	
Typ, Insertion loss, $\lambda_c$ , 23°C	dB	0.7	
Insertion loss, $\lambda_c$ , 23°C	dB	$\leq 1.0$	
Tap ratio (Customized)	%	Customized for Tap	
Isolation, $\lambda_c$ , 23°C(Output→Input)	dB	$\geq 28$	
Return loss	dB	$\geq 50$	
Extinction ratio, 23°C	dB	/	$\geq 20$
Polarization dependent loss, 23°C	dB	$\leq 0.2$	/
Fiber type (Input & Output)	/	Hi 1060 or customized	PM980 or customized
Fiber length	m	customized	
Max. power handling	W	1,5,10, or customized	
Max. tensile load	N	5	
Operating temperature	°C	-5~ +50	
Storage temperature	°C	-20 ~ +70	
Dimensions (L*W*H)	mm	87*17*15	

\*Other specifications can be made on customer request.

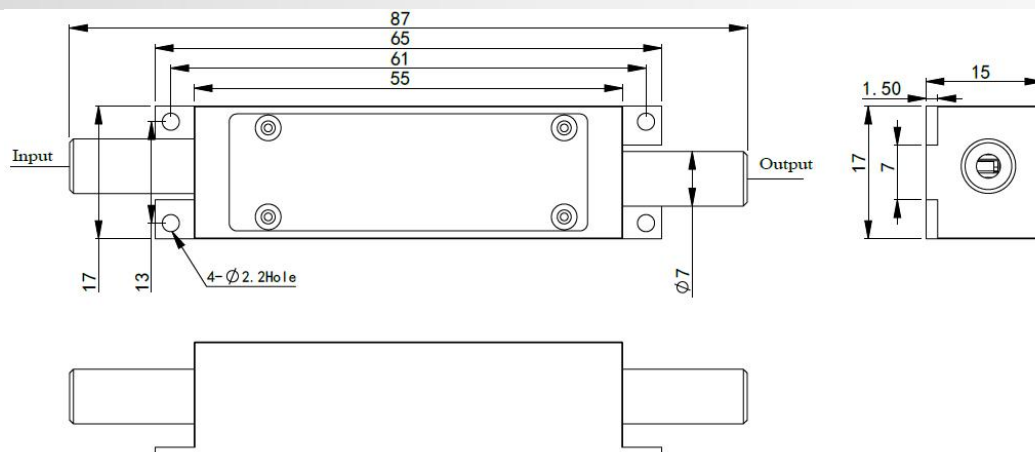
\* Can integrate MFA, BPF, Tap functions.

\*Smaller sizes can be designed and customized.

\*The Above specifications is without connector, the connector handle power  $\leq 0.3W$ .

\* IL is 0.5dB higher, and RL is 5dB lower for each connector added

## Mechanical Dimension (Unit: mm)



## Ordering Information

P/N:HP(PM)IIT-X-XXXX-X-XXX-X-X-XX\*XX-XX

