


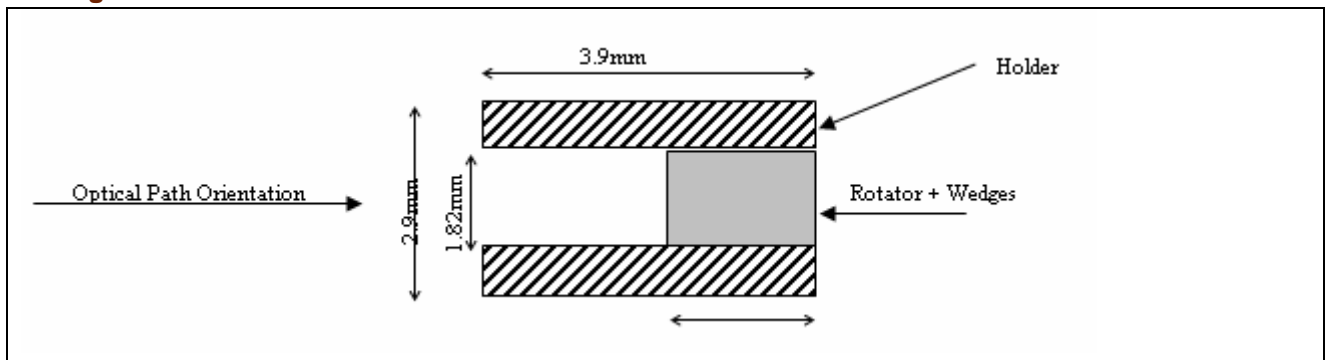
Isolator Core

Features	
High isolation & Low insertion loss Low PDL & PMD Wide Operating Wavelength	
Application	
Isolator Laser Module Integrated Device	

Specifications

Parameters	Value			
Stage	Single Stage	Dual Stage	Single Stage	Dual Stage
Center Wavelength (nm)	1310,1550,1590		1064	
Operating Wavelength Range (nm)	±20		±5	
Typ. Peak Isolation(dB)	42	52	38	52
Isolation at 23°C (dB)	≥32	≥46	≥35	≥48
Insertion Loss at 23°C (dB)	≤0.12	≤0.25	≤1.0	≤2.0
PDL at 23°C (dB)	≤0.05	≤0.05	≤0.05	≤0.1
PMD(ps)	≤ 0.2	≤0.05	-	-
Optical Power (mW)	≤300			
Operating Temperature(°C)	-5 to +70		-5 to +50	
Storage Temperature(°C)	-40 to +85			

Package Dimensions



Ordering Information

IC	Type	Wavelength	Optical Path Orientation
	S= Single stage D = Dual Stage	1064 1310 1550 1590	F = Forward B = Backward