


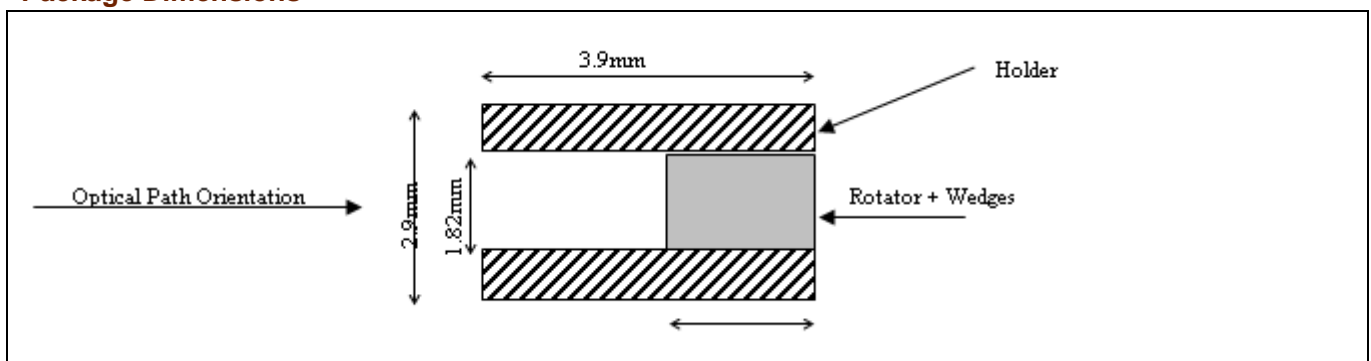
Polarization Insensitive Isolator Core

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

Specifications

Parameters	Value			
	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	1064	F = Forward
	D = Dual Stage	1310	B = Backward
		1550	
		1590	