

# 850nm Polarization Insensitive Optical Circulator C139

## Features

Low Insertion Loss  
 High Isolation  
 Excellent Environmental Stability

## Applications

EDFA & Raman Amplifier  
 Coherent Telecommunication Systems  
 Fiber Optic Sensor

## Specifications

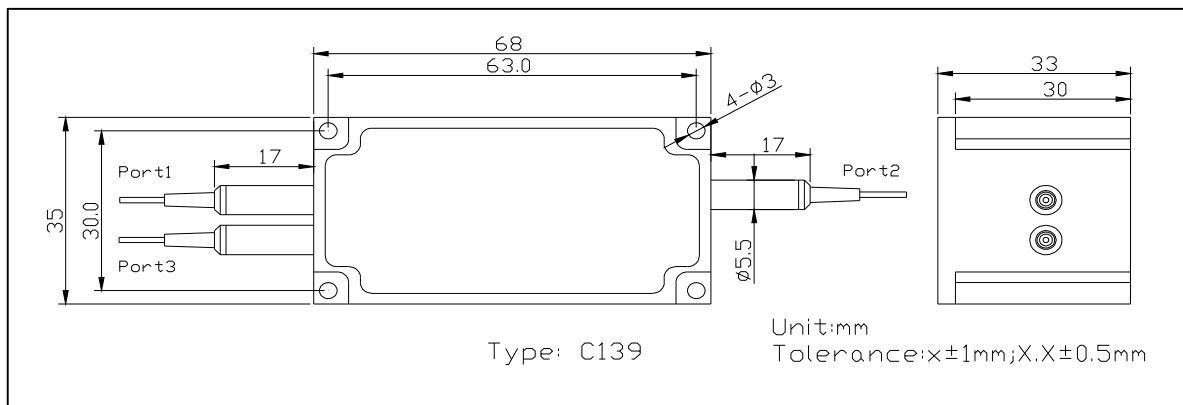
Parameter	Unit	Values
Center Wavelength	nm	850
Operating Wavelength Range	nm	±10
Max. Insertion loss(1→2,2→3)	dB	1.8
Min. Isolation, (3→2, 2→1), 23°C	dB	23
Min. Return loss	dB	45
Min. Cross talk	dB	45
Max.Polarization Dependent Loss	dB	0.25
Max. Optical Power (CW)	mW	500
Max. Tensile Load	N	5
Fiber Type	-	Corning HI 780 Fiber
Operating Temperature	°C	10 to +50
Storage Temperature	°C	0 to +60

\*Above specifications are for device with connector.

\*For devices with connectors, IL will be 0.5dB higher, RL will be 5dB lower.

\*The actual package dimensions may be slightly different from that shown in below drawing, for accurate dimensions please contact Optizone.

## Package Dimensions



## Ordering Information

**FCIR-①①-②②②-③③③-④④④-⑤**

①①: Wavelength

85 - 850nm

SS - Specify

②②②: Package Type

C139 - Type C139

③③③: Connector Type on Port 1&2 & 3

N - None

1 - FC/UPC

2 - FC/APC

3 - SC/UPC

4 - SC/APC

SS - Specify

④④④: Fiber Jacket on Port 1&2 & 3

L - 900um Loose Tube

SS - Specify

⑤: Fiber Length

1 - 1.0m