

Spec Review No.: SR1812011A

Date: Dec.18, 2018

Customer:

Customer P/N:

Description: High Power PM Circulator, 1030nm, Type C6

Optizone P/N: HPMCIR-03-C6-1-NNN-LLL-0.

### Specifications

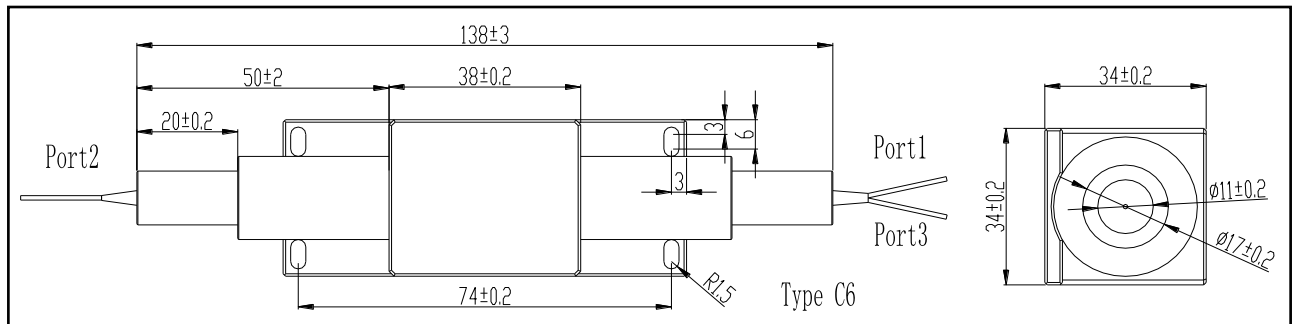
Parameters	Unit	Values
Center Wavelength ( $\lambda_c$ )	nm	1030
Operating Wavelength Range	nm	+/-10
Typ. Peak Isolation (2 to 1, 3 to 2)	dB	28
Min. Isolation at 23°C (2 to 1, 3 to 2)	dB	22
Typ. Insertion Loss at 23°C (1 to 2, 2 to 3)	dB	1,0
Max. Insertion Loss at 23°C (1 to 2, 2 to 3)	dB	1,5
Min. Extinction Ratio @1030nm at 23°C	dB	23
Min. Cross Talk	dB	50
Min. Return Loss	dB	50
Max. Optical Power CW	mW	300 or Specify
Max. Tensile Load	N	5
Fiber Type		Fujikura PM980 Fiber
Operating Temperature	°C	-5 to +50
Storage Temperature	°C	-20 to +75

\*Above specifications are for device without connector.

\*For devices with connectors, IL will be 0.3dB higher, RL will be 5dB lower, and ER will be 2dB lower and only for 1W CW.

\*The PM fiber and the connector key are aligned to the slow axis and fast axis is blocked.

### Package Dimensions



### Ordering Information

**HPMCIR-①①-②②-③-④④④-⑤⑤⑤-⑥**

①①: Wavelength

03 - 1030nm

SS - Specify

④④④: Connector Type

1 - FC/UPC

2 - FC/APC

3 - SC/UPC

4 - SC/APC

N - None

S - Specify

⑤⑤⑤: Fiber Jacket

L - 900um loose tube

S - Specify

②②: Package Type

C6 - Type C6

⑥: Fiber Length

0.8 - 0.8 m

S - Specify

③: Port Configuration

1 - 1x2