

## 980~1060nm High Power PM Circulator

### Features

Low insertion loss  
High extinction ratio  
High stability & Reliability

### Applications

Fiber Amplifier  
Fiber sensor  
Fiber Laser Marking  
Laboratory R&D

| Parameter                      | High Power                       | Low Power | Unit |
|--------------------------------|----------------------------------|-----------|------|
|                                | 3 Port                           | 3 Port    |      |
| Operating wavelength           | 980 、 1030、 1060 or customized   |           | nm   |
| Bandwidth                      | ±5                               |           | nm   |
| Typical peak isolation         | ≥30                              |           | dB   |
| Isolation in band at 23°C      | ≥25                              |           | dB   |
| Insertion loss at 23°C         | ≤1.5                             | ≤1.2      | dB   |
| Extinction ratio               | ≥20 (SCF type) or ≥18 (DCF type) |           | dB   |
| Return loss                    | ≥45                              |           | dB   |
| Fiber type (can be customized) | Panda PM fiber                   |           | -    |
| Input max. power handling      | 10(CW)                           | 0.3       | W    |
| Dimensions (L x W x H)         | 116 x 34 x 34                    |           | mm   |
| Operating temperature          | -5 ~ +50                         |           | °C   |
| Storage temperature            | -20 ~ +70                        |           | °C   |

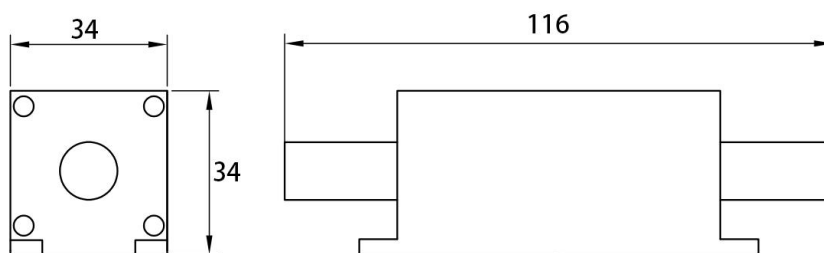
\*Fort 3 port type, input power of Port3 < 0.5W.

\*The precondition of above specifications are extinction ratio of system ≥20dB.

\*The above specifications are without connector, the connector handle power ≤0.3W.

\*IL is 0.50dB higher, RL is 5dB lower and ER is 3dB lower for each connector added. The default connector key is aligned to slow axis.

### Mechanical Dimension



### Ordering Information

| specification          | GCHPMCIR                                          |
|------------------------|---------------------------------------------------|
| Fiber length           | Specify                                           |
| Package size           | 116x34x34                                         |
| Connector type         | FC/UPC, FC/APC etc                                |
| Average power handling | 300mW, 10W etc                                    |
| Power condition        | C=Continue Wave, P(10)=Pulse Peak Power(10KW),etc |
| Fiber type             | specify                                           |
| Pigtail diameter       | 0=bare fiber, 1=900μm, 2=2mm, 3=3mm               |
| Operating wavelength   | 1030nm etc                                        |
| Port type              | 3(3port)                                          |