

# SMT Circulator

## ACT1.805G1.88G23SMT

### Revision record

| Date       | Version | Author | Revision description | Comment |
|------------|---------|--------|----------------------|---------|
| 2024/11/11 | V1.0    | Zhou   | Created              | /       |
|            |         |        |                      |         |
|            |         |        |                      |         |

### Electrical specification

| Parameter       | Specification   |
|-----------------|---|
| Frequency range | 1.805-1.88GHz   |
| Insertion loss  | P1→P2→P3: 0.3dB max @+25 °C<br>P1→P2→P3: 0.4dB max @-40 °C~+85 °C |
| Isolation       | P3→P2→P1: 23dB min @+25 °C<br>P3→P2→P1: 20dB min @-40 °C~+85 °C   |
| VSWR            | 1.2 max @+25 °C<br>1.25 max @-40 °C~+85 °C                        |
| Forward Power   | 80W CW  |
| Direction       | clockwise   |
| Temperature     | -40°C to +85 °C   |

### Mechanical specification

| Parameter      | Specification              |
|----------------|----------------------------|
| Dimension      | ∅ Dx H: ∅ 20mm x 8.0mm     |
| Connector Type | SMT                        |
| Notes          | Material shall be RoHS 6/6 |

**Outline**

