

## Power Divider

### Preliminary Specifications

| Serial | Parameters              |   |
|--------|-------------------------|---|
| 1      | Frequency Range         | 400-500MHz                              |
| 2      | Insertion loss          | ≤1.0dB (Exclusive the 3.0dB Split Loss) |
| 3      | VSWR                    | ≤1.30 (Input)<br>≤1.20 (Output)         |
| 4      | Amplitude Balance       | ≤±0.3dB                                 |
| 5      | Phase Balance           | ≤±3degree                               |
| 6      | Isolation               | ≥20dB                                   |
| 7      | Average Power           | 20W( Forward )<br>1W (Reverse)          |
| 8      | Impedance               | 50Ω                                     |
| 9      | Connector Type          | SMA-female                              |
| 10     | Surface Finish          | Conductive Oxide or Grey Painting       |
| 11     | Operational Temperature | -40 to +80 °C                           |
| 12     | Storage Temperature     | -45 to +85 °C                           |
| 13     | Dimensions              | 56.0x32.0x10.0mm                        |
| 14     | Configuration           | As below (Tolerance: ±0.3mm)            |

