

## VMPD-8-18G/40G-2.92F

### FEATURES

- ◆ Broadband 18 ~ 40GHz
- ◆ Small Package

### TYPICAL APPLICATIONS

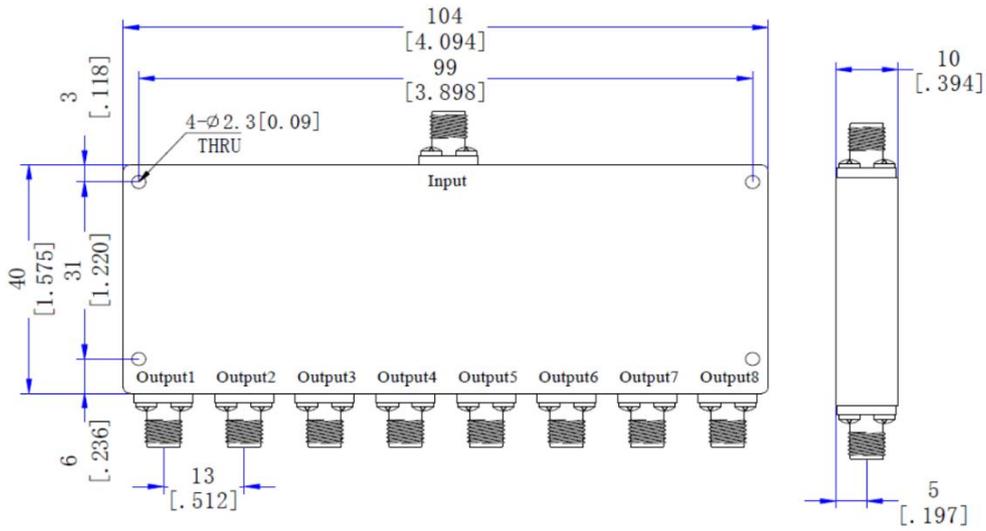
- ◆ Test & Measurement
- ◆ Multimarket



### SPECIFICATIONS

| PARAMETER             | PERFORMANCE                                | CONDITIONS                          |
|-----------------------|--|-------------------------------------|
| Freq.                 | 18 ~ 40GHz                                 |                                     |
| Insertion Loss        | $\leq 3.2\text{dB}$                        | Excluding theoretical loss<br>9.0dB |
| VSWR                  | $\leq 1.7$                                 | Input Port (Combiner)               |
|                       | $\leq 1.6$                                 | Output Port (Splitter)              |
| Isolation             | $\geq 16\text{dB}$                         |                                     |
| Amplitude Balance     | $\leq \pm 0.5\text{dB}$                    |                                     |
| Phase Balance         | $\leq \pm 8^\circ$                         |                                     |
| Impedance             | 50 Ohms                                    |                                     |
| Total Input Power     | 20W  | Splitter                            |
|                       | 1W   | Combiner                            |
| Port Connectors       | 2.92-Female                                |                                     |
| Operating Temperature | $-45^\circ\text{C} \sim +85^\circ\text{C}$ |                                     |
| Surface Finishing     | Black Paint                                |                                     |
| Size                  | 104*40*10mm                                |                                     |
| Weight                | 138g                                       |                                     |

## OUTLINE AND SIZE



Note: Dimensions (mm / [inch]), General tolerance ( $\pm 0.3$ )